



PARTS MANUAL

SJ46AJ, SJ51AJ

ARTICULATING BOOMS

170947AL

June 2024

ANSI/CSA, CE, AS



This manual is for MEWPs with serial numbers:

SJ46AJ & SJ51AJ: 95 001 105 to 95 299 999

Please refer to the website (www.skyjack.com) for contact information, other serial numbers, the most recent technical manuals, animations, and USB software.

The original instructions are in English.

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 **Notes**

Foreword

General

The information contained in this manual is designed to aid the user in locating and identifying replacement parts. Component parts of various assemblies and subassemblies comprising the work platform are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly order. If a part cannot be found in this manual, contact your local Skyjack Parts Department for assistance.

Parts Ordering Information

When ordering replacement parts, the complete part number and description should be used to ensure proper identification and delivery of the desired item. This complete identification should also be used when requesting equipment information.

Method of Listing

Parts are listed in order according to the reference number shown in the illustration, followed by a full description based upon the "NOUN FIRST" method. That is, the noun name of the part is listed first, then the modifying description information which serves to specifically identify the item. For example: PIN, Clevis.

Assemblies at the beginning of a parts list may be identified with a reference letter: A, B, C, etc. These letters are used to identify different configurations of the assembly. Individual parts in these lists have corresponding letters after their description to identify which assembly it is used in. If a part does not have a reference letter, it is used in all of the assemblies.

Bullets (•) are used to show the assembly structure, or parent/child relationship. A part listed at the beginning of the parts list without a bullet before the description is the main assembly, and all of the parts below it with one bullet are the subcomponent parts of that assembly. Two bullets denote a subcomponent of a subcomponent, etc.

Example:

Main Assembly A

- Part 1 (subcomponent of Main Assembly A)
- Part 2 (subcomponent of Main Assembly A)
- • Part 3 (subcomponent of Part 2)

Quantities

The quantities required to complete the assembly are given for each part. If the quantity is (AR), it is understood that the quantity may vary when the machine is equipped with certain options. Order quantity as needed.

How To Order Repair Parts

1. Address all orders to your local SKYJACK dealer.
2. Specify model and serial number of the work platform (found on the serial number plate).
3. List the quantity needed.
4. List the length needed (if it is a bulk item).
5. List the part number and description as shown in this manual for each item.
6. Show the billing and shipping address and the name of the individual, if possible.
7. Suggest the best routing.

Customer: _____

Dealer: _____

Model Number: _____

Serial Number: _____

Date Purchased: _____

USE ONLY SKYJACK AUTHORIZED REPLACEMENT PARTS!

Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Engine - Deutz D2.9L				
FILTER, Oil - Deutz TD2.9L	2	2	2	147072
FILTER, Fuel pre-filter - Deutz TD2.9L	2	2	2	164772
FILTER, Fuel - Deutz TD2.9L	2	2	2	164771
ELEMENT, Air cleaner - primary	2	2	2	165947
ELEMENT, Air cleaner - secondary	1	1	1	165948
THERMOSTAT, Deutz TD2.9L	0	0	1	166699
HOSE, Radiator return - Deutz TD2.9L	0	0	1	170951
HOSE, Radiator upper - Deutz TD2.9L	0	0	1	170934
HOSE, Radiator lower - Deutz TD2.9L	0	0	1	170935
BELT, Alternator/water pump - Deutz TD2.9L	0	0	1	166694
PUMP, Fuel - Deutz TD2.9L	0	0	1	164770
STARTER, Deutz TD2.9	0	0	1	166692
ALTERNATOR, Deutz TD2.9	0	0	1	166693
Engine - Deutz D2011				
FILTER, Oil, Deutz D2011	2	2	2	147072
FILTER, Fuel, Deutz D2011	2	2	2	147071
ELEMENT, Air cleaner - primary, Deutz D2011	2	2	2	165947
ELEMENT, Air cleaner - secondary, Deutz D2011	1	1	1	165948
BELT, Alternator - Deutz D2011	0	0	1	151770
PUMP, Fuel - Deutz D2011	0	0	1	127181
STARTER, Deutz D2011	0	0	1	204249
ALTERNATOR, Deutz D2011	0	0	1	168365
Engine - Perkins 2.2T				
FILTER, Oil, Perkins	2	2	2	212981
FILTER ELEMENT, Fuel, Perkins	2	2	2	212840
ELEMENT, Air cleaner - primary	2	2	2	165947
ELEMENT, Air cleaner - secondary	1	1	1	165948
ELEMENT, Breather, CCV	1	1	1	212835
THERMOSTAT, Perkins	0	0	1	212983
HOSE, Radiator return - Perkins	0	0	1	212057
HOSE, Radiator upper - Perkins	0	0	1	212053
HOSE, Radiator lower - Perkins	0	0	1	212054
BELT, Fan, Perkins	0	0	1	212831
STARTER, Perkins	0	0	1	213008
ALTERNATOR, Perkins	0	0	1	212830

Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Engine - Kubota WG2503				
CARTRIDGE, Oil filter, Kubota	2	2	2	194643
FILTER, Fuel pre-filter - Kubota	2	2	2	136118
ELEMENT, Air cleaner - primary	2	2	2	195293
ELEMENT, Air cleaner - secondary	1	1	1	195294
THERMOSTAT, Kubota	0	0	1	194663
HOSE, Radiator upper - Kubota	0	0	1	194636
HOSE, Radiator lower - Kubota	0	0	1	194635
BELT, Fan - Kubota	0	0	1	194666
PUMP, Fuel - Kubota	1	1	1	164881
STARTER, Kubota	0	0	1	194656
ALTERNATOR, Kubota	0	0	1	194657
SPARK PLUG, Kubota	0	0	1	194658
VALVE, Lockoff - Kubota	0	0	1	164889
REGULATOR (EPR), Kubota	0	0	1	194699
MIXER, Kubota	0	0	1	194698
Engine - GM 3.0L				
FILTER, Oil, Kubota	2	2	2	147120
FILTER, Fuel	2	2	2	142301
ELEMENT, Air cleaner - outer	2	2	2	751678
ELEMENT, Air cleaner - inner	1	1	1	751677
HOSE, Radiator upper	0	0	1	154560
HOSE, Radiator lower	0	0	1	154566
BELT, Fan	0	0	1	147184
PUMP, Fuel	1	1	1	154623
STARTER	0	0	1	157625
ALTERNATOR	0	0	1	147185
SPARK PLUG	0	0	1	147121
REGULATOR	0	0	1	159092
VALVE, Lockoff	0	0	1	157626
MIXER	0	0	1	154627
Electrical				
BATTERY	2	2	2	144676
RELAY	5	5	5	127131
SOCKET, Relay	1	1	1	138749
SWITCH, Toggle	2	2	2	102853

Recommended Service Parts

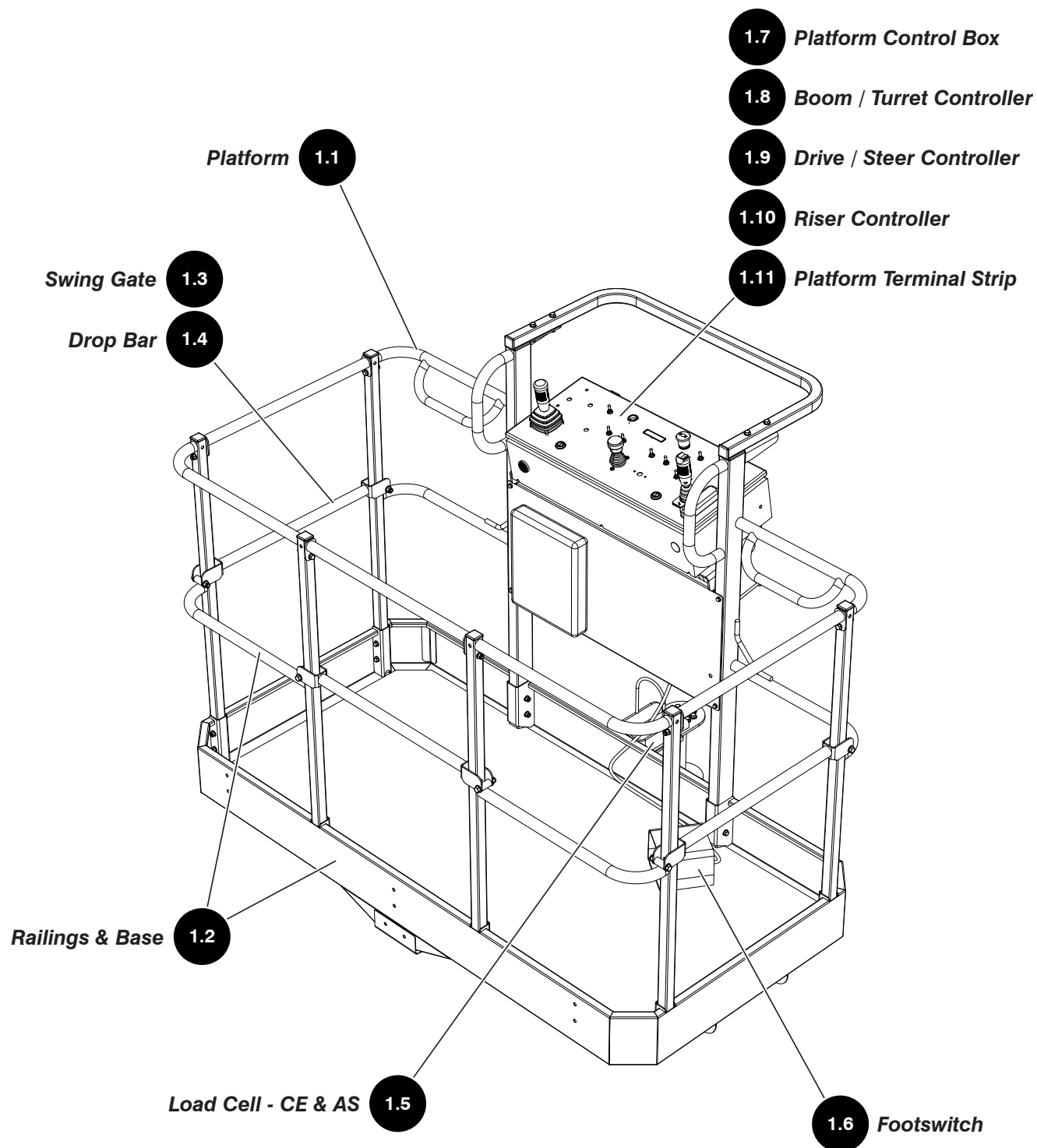
Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
SWITCH, Toggle	1	1	1	148988
SWITCH, Toggle	1	1	1	138278
SWITCH, Toggle	1	1	1	115747
SWITCH, Toggle	1	1	1	124446
SWITCH, Toggle	1	1	1	115574
BLOCK, N.C. Contact (red plunger, key switch and e-stop)	1	1	1	147053
BLOCK, N.O. Contact (black plunger, key switch)	1	1	1	166141
BLOCK, N.C. Contact (yellow plunger, key switch)	1	1	1	166142
SWITCH, Limit - riser up	0	1	1	199546
SWITCH, Limit - boom extension	0	1	1	207016
SWITCH, Limit - boom angle	0	1	1	207017
SWITCH, Limit - direction sensing	0	1	1	199486
COIL, Valve	0	1	1	159821
COIL, Valve	0	1	1	159819
KIT, Drive/steer joystick handle	0	1	1	141338
Hydraulic				
ELEMENT, High pressure filter - hydraulic	1	1	1	161947
ELEMENT, Return filter - hydraulic	2	2	2	161949
SEAL KIT, Extension cylinder - SJ46AJ	0	0	1	154537
SEAL KIT, Extension cylinder - SJ51AJ	0	0	1	154655
SEAL KIT, Lift cylinder	0	0	1	154528
SEAL KIT, Riser cylinder	0	0	1	154562
SEAL KIT, Master cylinder	0	0	1	154524
SEAL KIT, Slave cylinder	0	0	1	152254
SEAL KIT, Jib cylinder	0	0	1	154549
SEAL KIT, Axle lockout cylinder	0	0	1	154557
SEAL KIT, Rotary actuator	0	0	1	144709
SEAL KIT, Steer cylinder	0	0	1	168050
Boom				
SHIM, 16 gauge (top)	0	1	1	148829
SHIM, 20 gauge (top)	0	1	1	148830
SHIM, 16 gauge (side)	0	1	1	148837
SHIM, 20 gauge (side)	0	1	2	148838
PAD, Wear - top	0	1	2	148827
PAD, Wear - bottom	0	1	2	148826
Cowling				
LATCH, Flexible draw	2	2	2	144002

Recommended Service Parts

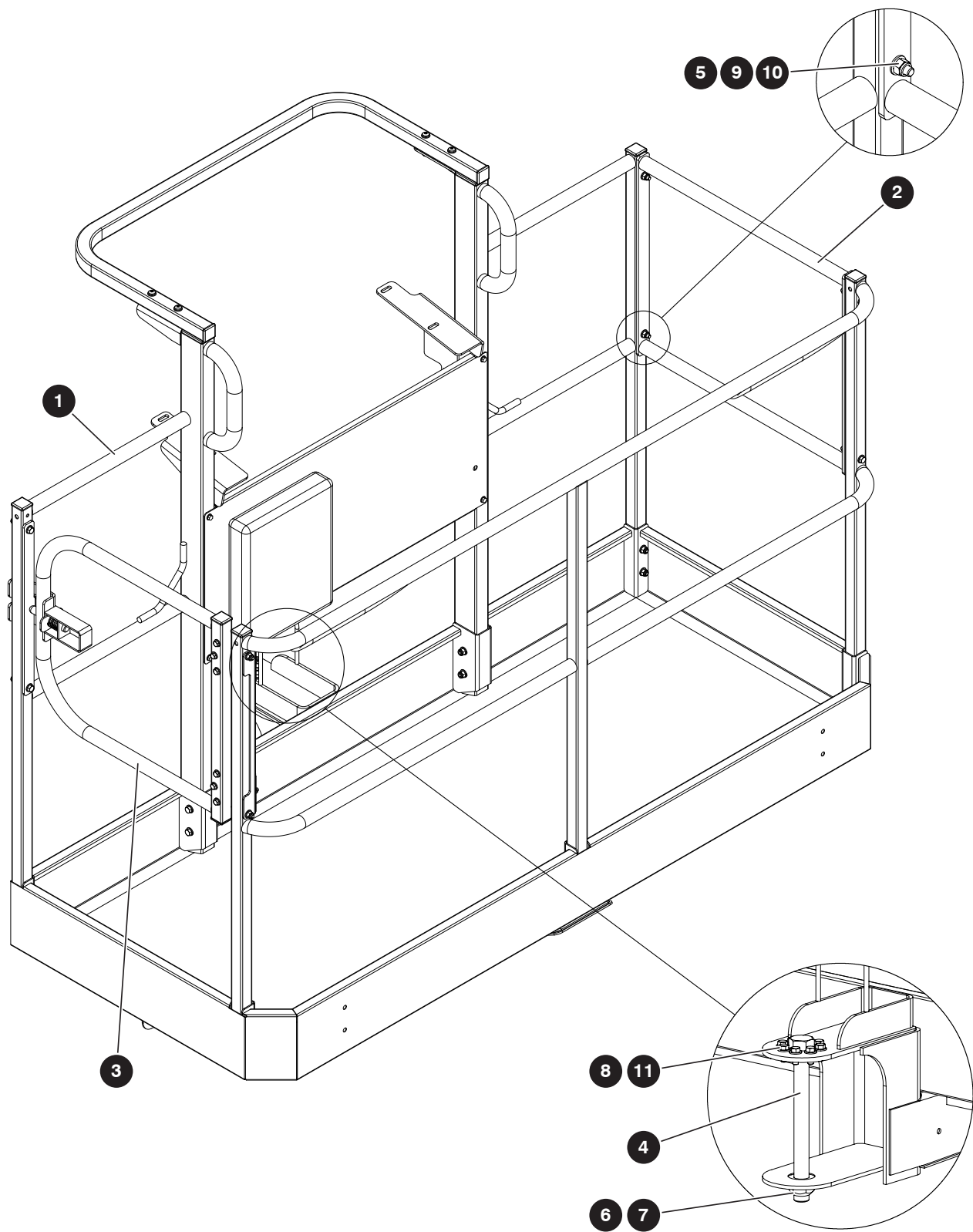
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 **Notes**

Section 1 – Platform



1.1 Platform



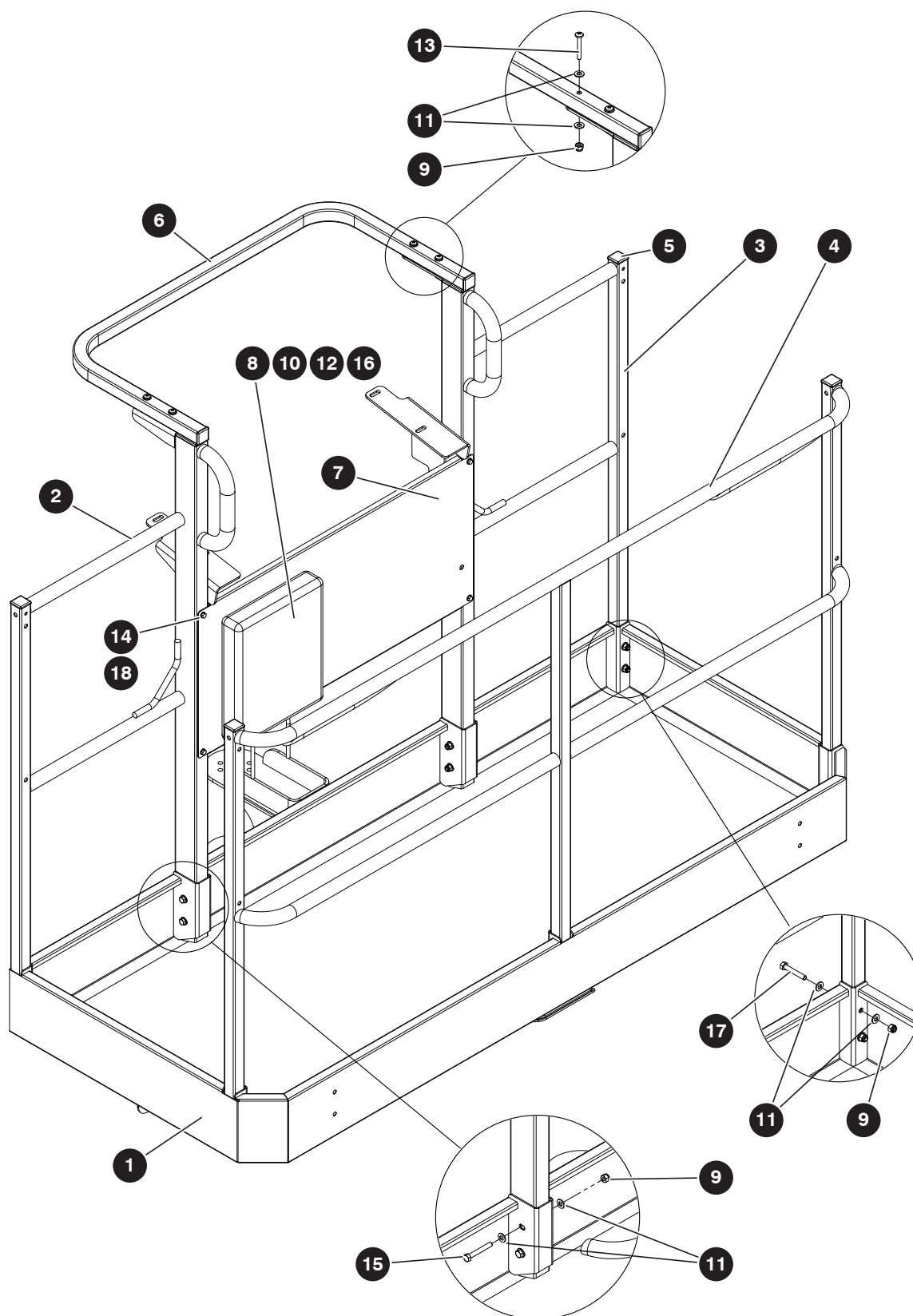
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1.1 Platform

Index No.	Skyjack Part No.	Qty.	Description
A	161006	1	PLATFORM ASSEMBLY - 5' Drop Bar - ANSI/CSA
B	161007	1	PLATFORM ASSEMBLY - 5' Swing Gate - ANSI/CSA
C	161008	1	PLATFORM ASSEMBLY - 5' Drop Bar - CE & AS
D	161009	1	PLATFORM ASSEMBLY - 5' Swing Gate - CE & AS
E	161010	1	PLATFORM ASSEMBLY - 6' Drop Bar - ANSI/CSA
F	161011	1	PLATFORM ASSEMBLY - 6' Swing Gate - ANSI/CSA
G	161012	1	PLATFORM ASSEMBLY - 6' Drop Bar - CE & AS
H	161013	1	PLATFORM ASSEMBLY - 6' Swing Gate - CE & AS
1	(Ref.)	1	RAILING & BASE ASSEMBLY (For components, refer to 1.2 Railings & Base)
2	159456	1	RAILING, Side, B, D, F, H
3	(Ref.)	1	GATE, Swing, B, D, F, H (For components, refer to 1.3 Swing Gate)
	(Ref.)	2	GATE, Drop, A, C, E, G (For components, refer to 1.4 Drop Bar)
4	138696	1	BOLT, Hex head (1"-8 x 10 1/2" Grade 8, zinc)
5	103866	4	BOLT, Hex head (5/16"-18 x 2.25", Grade 5), B, D, F, H
6	138559	1	NUT, Torque lock (1"-8 Grade 8)
7	102646	1	WASHER, Flat (1")
8	125959	8	WASHER, Flat (3/8")
9	103996	8	WASHER, Flat (5/16"), B, D, F, H
10	103984	4	NUT, Hex head nylon lock (5/16"-18, Grade 5), B, D, F, H
11	139193	8	BOLT, Hex head (3/8"-16 x 0.78", Grade 8), A, C, E, G

1.2 Railings & Base



M161004AC

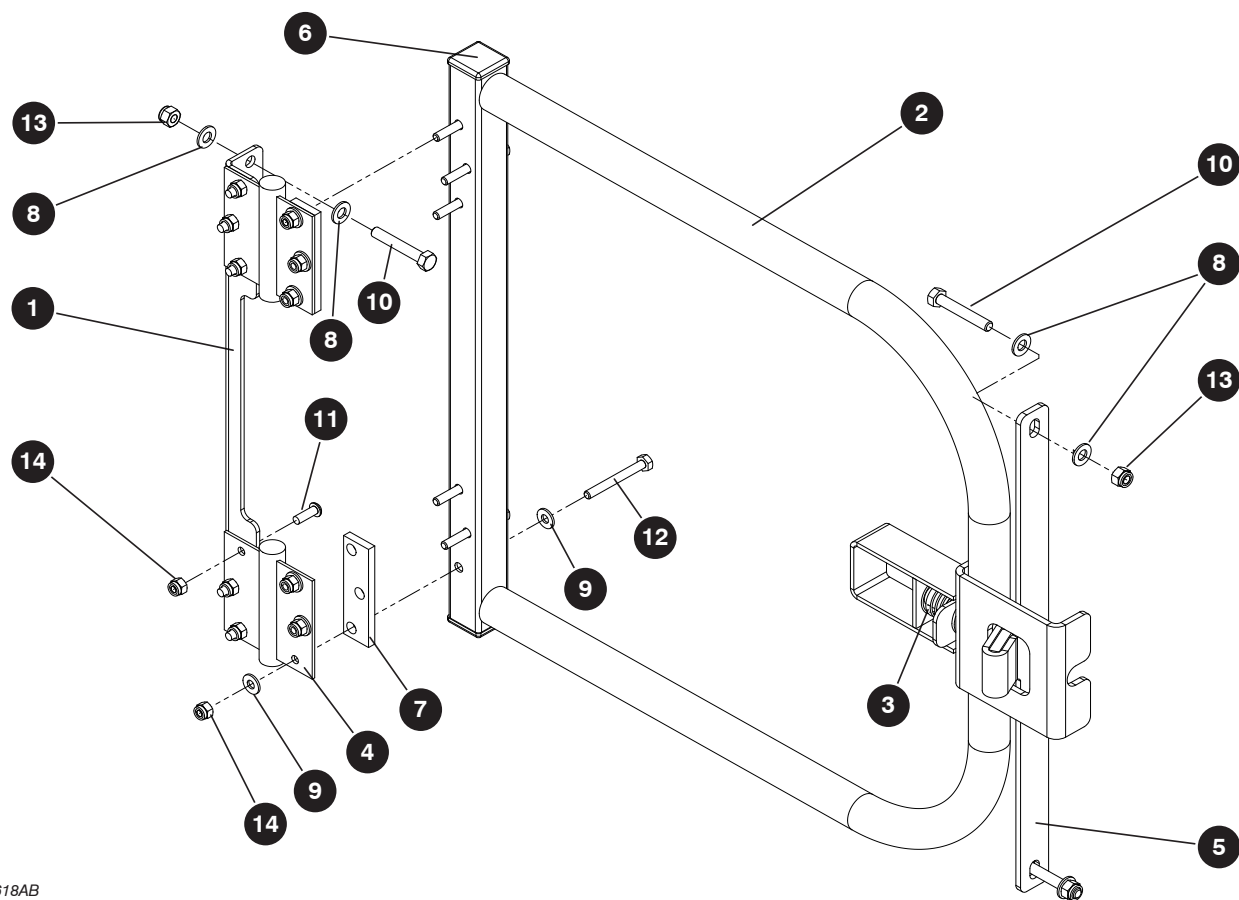
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18

SJ46AJ, SJ51AJ

SKYJACK

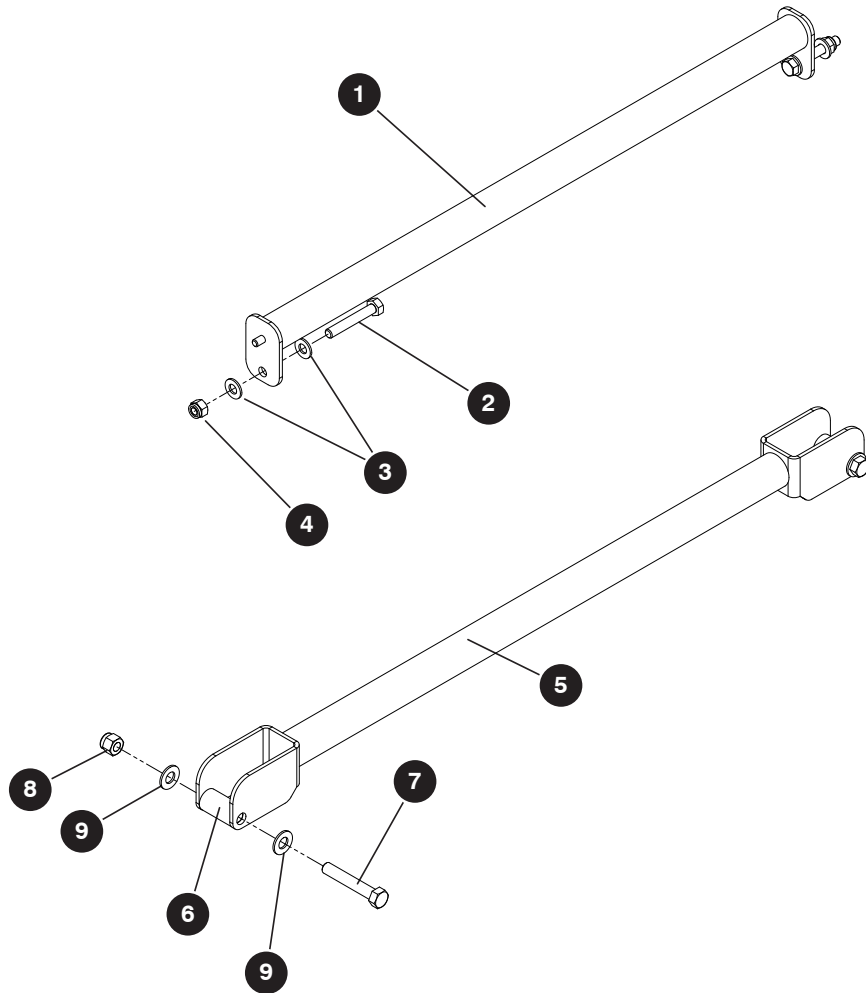
Index No.	Skyjack Part No.	Qty.	Description
A	161002	1	RAILINGS & BASE ASSEMBLY (30" x 60") ANSI/CSA
B	161003	1	RAILINGS & BASE ASSEMBLY (30" x 60") CE & AS
C	161004	1	RAILINGS & BASE ASSEMBLY (30" x 72") ANSI/CSA
D	161005	1	RAILINGS & BASE ASSEMBLY (30" x 72") CE & AS
1	160959	1	• BASE, Platform, A
	160960	1	• BASE, Platform, B
	160961	1	• BASE, Platform, C
	160962	1	• BASE, Platform, D
2	160996	1	• RAILING, Front left, A, B
	160997	1	• RAILING, Front left, C, D
3	160998	1	• RAILING, Front right, A, B
	160999	1	• RAILING, Front right, C, D
4	165823	1	• RAILING, Rear, A, B
	165820	1	• RAILING, Rear, C, D
5	100702	6	• CAP, Plastic end
6	149098	1	• RAILING, Front
7	159586	1	• PLATE, Front guard
8	198789	1	• MANUAL BOX
9	103984	18	• NUT, Centerlock (5/16"-18 Grade 8)
10	115649	4	• NUT, Hex lock (1/4"-20 Grade 5, nylon)
11	103996	36	• WASHER, Flat (5/16")
12	103995	4	• WASHER, Flat (1/4")
13	139008	4	• SCREW, Round head machine (5/16"-18 x 2")
14	103632	4	• SCREW, Hex head self tapping (1/4"-14 x 3/4")
15	103866	4	• BOLT, Hex head (5/16"-18 x 2 1/4" Grade 5)
16	103856	4	• BOLT, Hex head (1/4"-20 x 3/4" Grade 5)
17	103865	10	• BOLT, Hex head (5/16"-18 x 2" Grade 5)
18	700598	4	• WASHER, Fender
19	(Ref).	1	• LOAD CELL, B, D (For components, refer to 1.5 Load Cell - CE & AS)
20	173200	1	• MANUAL, Manual of responsibilities (not shown)



M164618AB

Index No.	Skyjack Part No.	Qty.	Description
A	164589	1	SWING GATE ASSEMBLY (30" x 60")
B	164618	1	SWING GATE ASSEMBLY (30" x 72")
1	164590	1	• BRACKET, Hinge mounting
2	164593	1	• WELDMENT, Gate A
	164619	1	• WELDMENT, Gate B
3	110824	1	• PIN LATCH, Door spring
4	209527	2	• HINGE, Spring
5	166288	1	• PLATE, Locking A
5	166287	1	• PLATE, Locking B
6	100702	2	• CAP, End
7	164592	2	• TAB, Hinge
8	103996	10	• WASHER, Flat (5/16")
9	103995	12	• WASHER, Flat (1/4")
10	103865	5	• BOLT, Hex head (5/16"-18 x 2.00", Grade 5)
11	139168	6	• BOLT, Button head cap screw (1/2"-20 x 0.75", Grade 5)
12	103862	6	• BOLT, Hex head (1/4"-20 x 2.25", Grade 5)
13	103984	5	• NUT, Hex head nylon lock (5/16"-18, Grade 5)
14	115649	12	• NUT, Hex head nylon lock (1/4"-20, Grade 5)

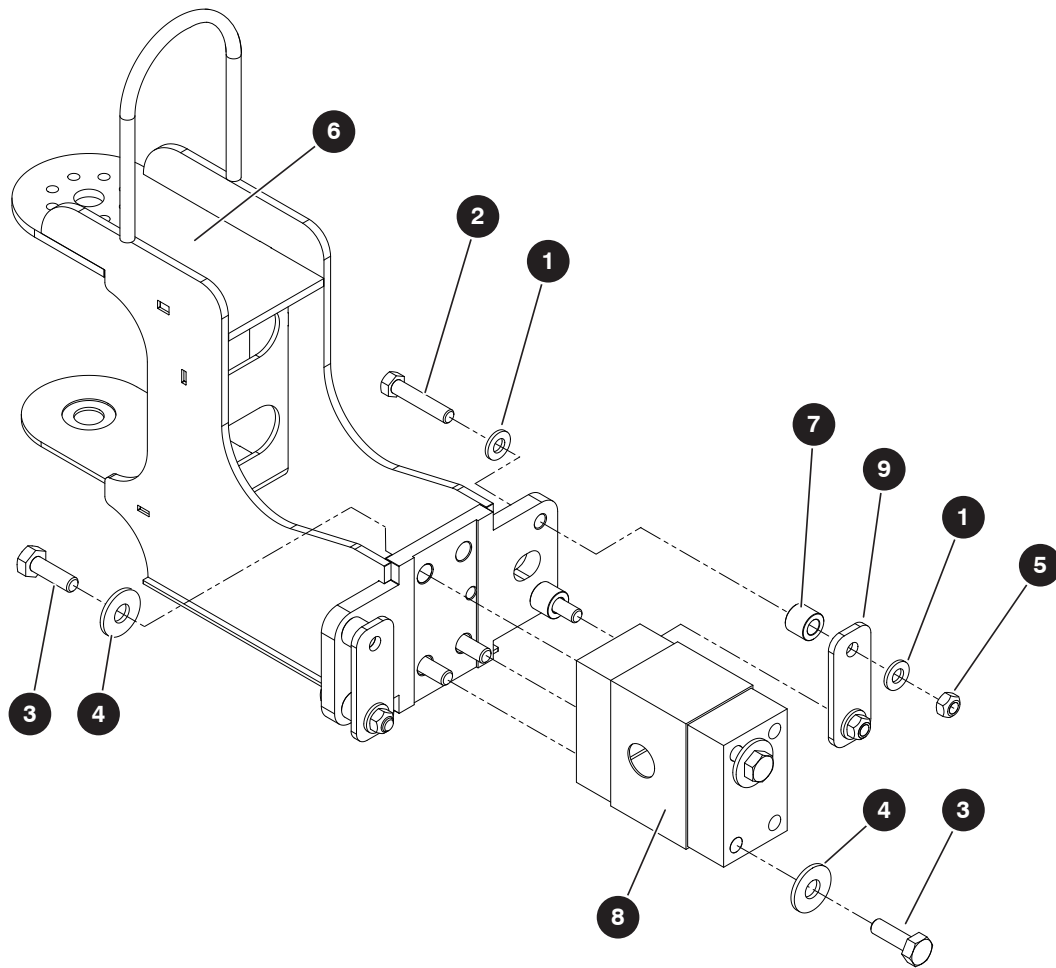
1.4 Drop Bar



M160707AC

Index No.	Skyjack Part No.	Qty.	Description
-	160707	1	DROP GATE ASSEMBLY
1	160708	1	• WELDMENT, Tie bar
2	103865	2	• BOLT, Hex head (5/16"-18 x 2.00", Grade 5)
3	103996	4	• WASHER, Flat (5/16")
4	103984	2	• NUT, Hex head nylon lock (5/16"-18, Grade 5)
-	162965	1	• DROP BAR ASSEMBLY
5	162958	1	• • WELDMENT, Drop bar
6	154386	2	• • SPACER (3/8" ID x 0.75" OD x 1.375" long)
7	103872	2	• • BOLT, Hex head (3/8"-16 x 2.25", Grade 5)
8	104606	2	• • NUT, Hex head nylon lock (3/8"-16, Grade 5)
9	103472	4	• • WASHER, Flat (3/8")

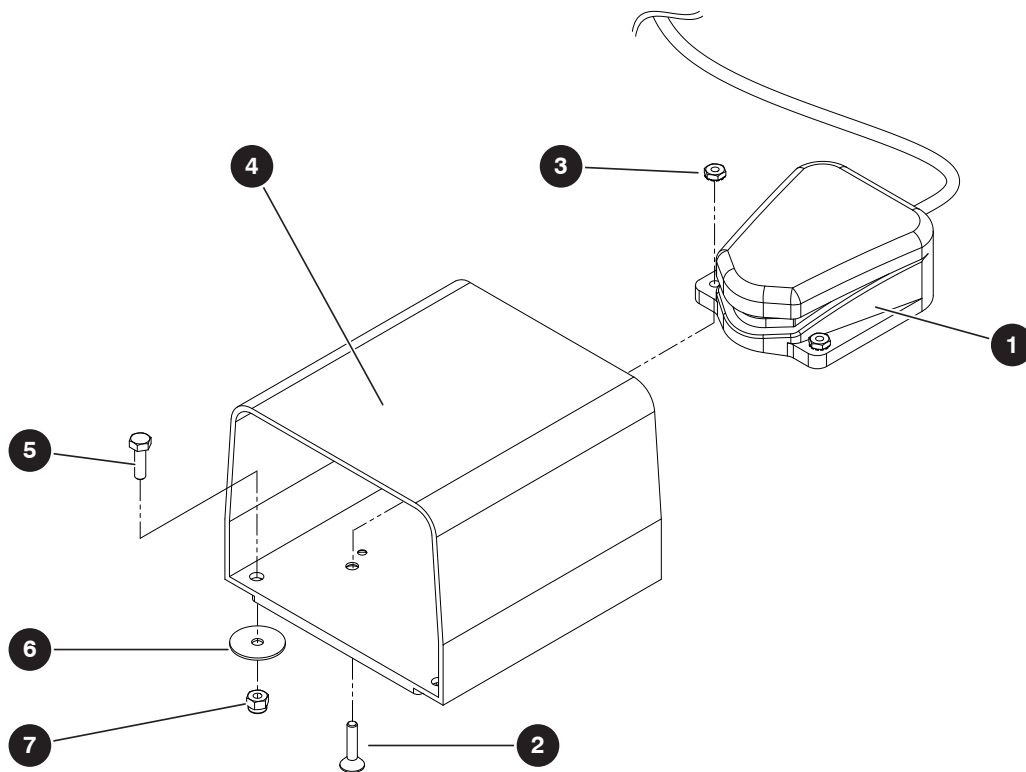
1.5 Load Cell - CE & AS



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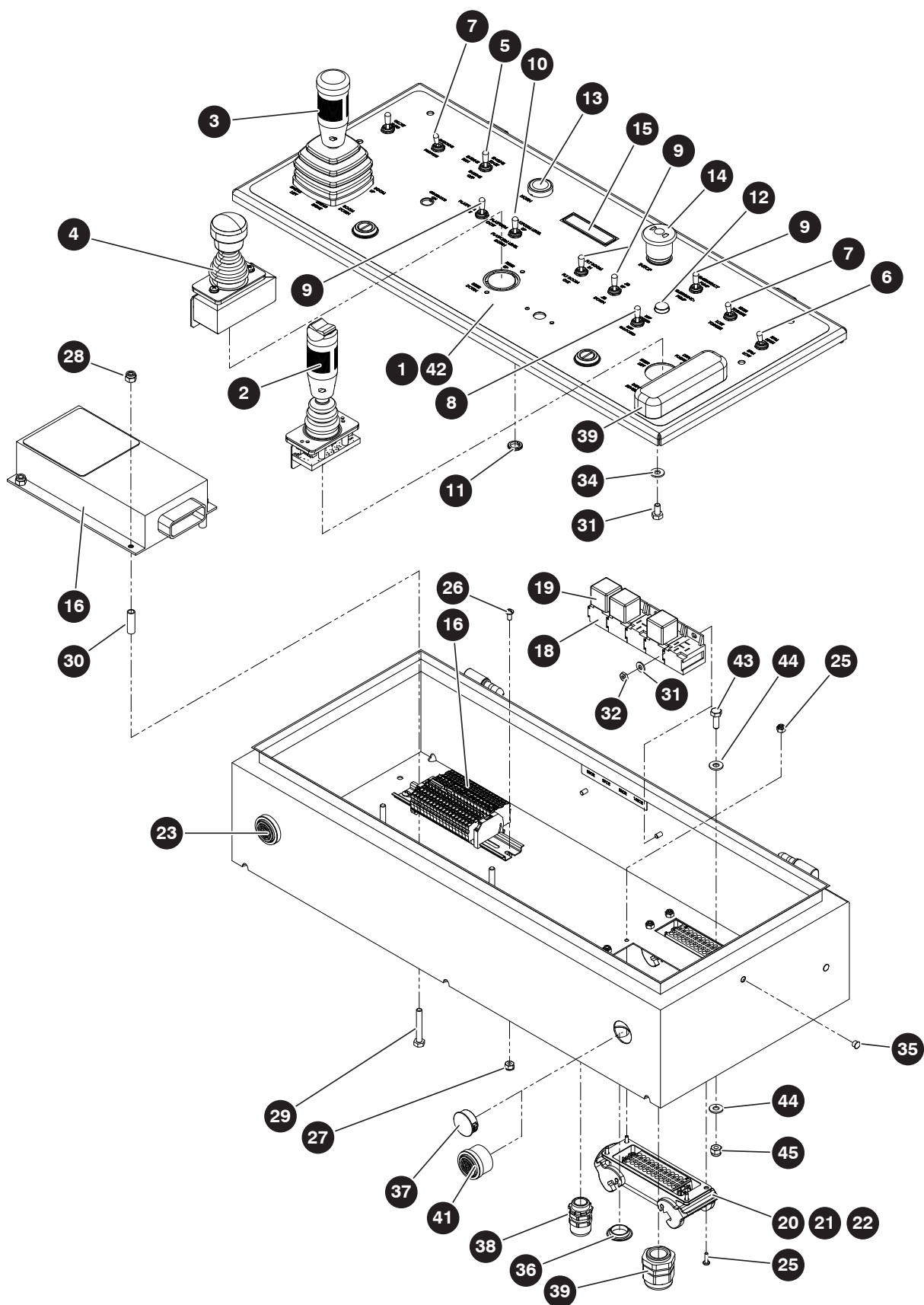
Index No.	Skyjack Part No.	Qty.	Description
1	104379	8	• WASHER, Flat hardened (0.50")
2	144575	4	• BOLT, Hex head (1/2"-20 x 0.75", Grade 5) B, D
3	144502	8	• BOLT, Hex head patch (M16 x 1.5 x 45, Grade 8.8) B, D
4	144329	8	• WASHER, Flat hardened (M16) B, D
5	138791	4	• NUT, Torque lock (1/2"-13, Grade C) B, D
6	148959	1	• MOUNTING, Rotary Actuator B, D
7	144574	4	• SPACER, Load cell B, D
8	144363	1	• LOAD CELL, Moba B, D
9	144365	2	• WASHER, Safety B, D
11	221394	1	CORD, Patch - MOBA load cell (not shown)
12	144456	1	TOOL, Hand set - MOBA Teach-in (not shown)

1.6 Footswitch



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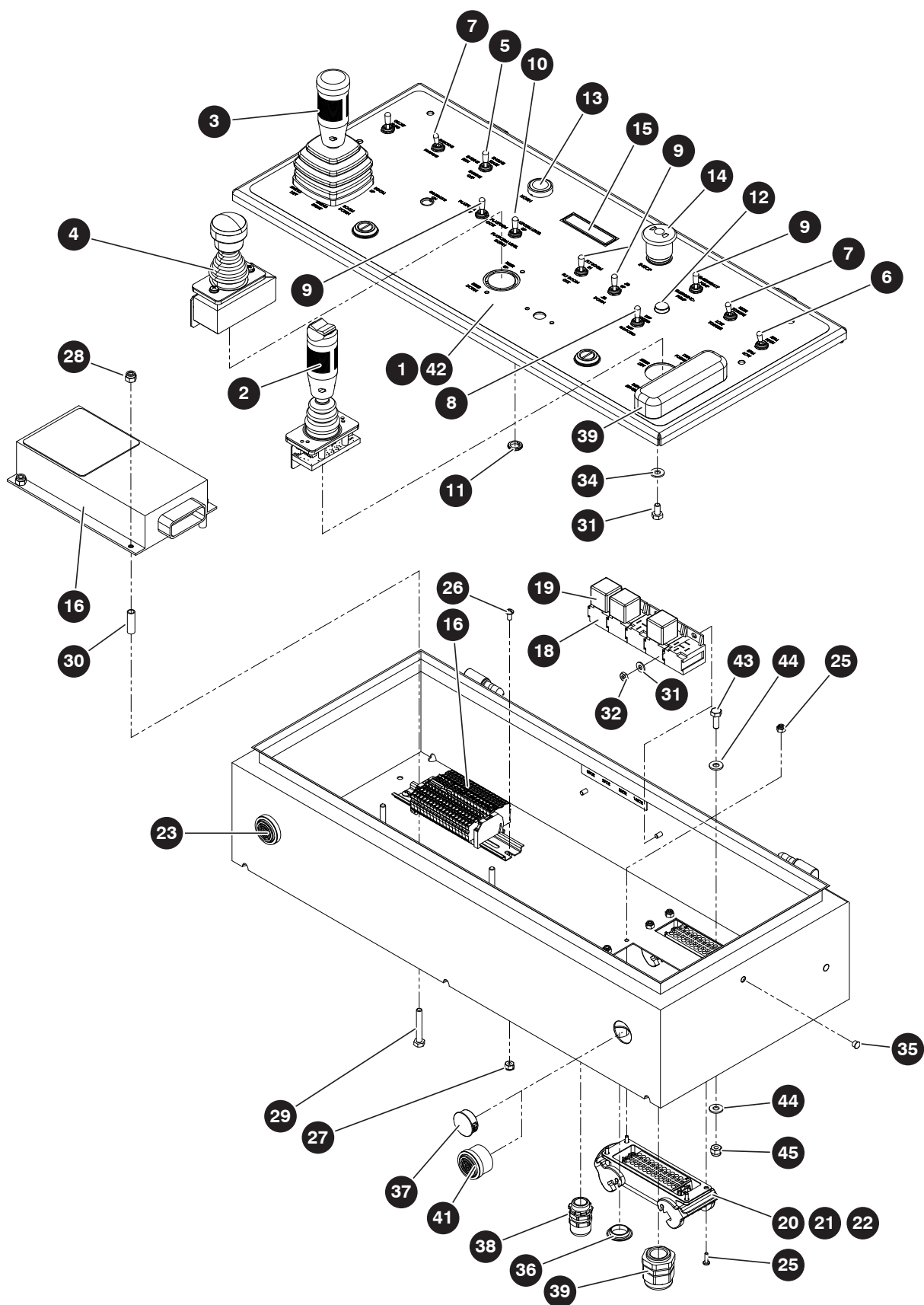
Index No.	Skyjack Part No.	Qty.	Description
-	154127	1	FOOTSWITCH ASSEMBLY
1	700187	1	• FOOTSWITCH
2	139688	2	• SCREW, Flat head machine (1/4"-20 x 1.00")
3	130017	2	• NUT, K-lock (#10-32, zinc)
4	700188	1	• COVER, Footswitch
5	103891	4	BOLT, Hex head (1/4"-20 x 0.87", Grade 5)
6	700598	4	WASHER, Fender
7	115649	4	NUT, Hex lock (1/4"-20 Grade 5, nylon)



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Index No.	Skyjack Part No.	Qty.	Description
A	162381	-	PLATFORM CONTROL CONSOLE ASSY - SJ46AJ ANSI/CSA - Deutz & Perkins
B	170008	-	PLATFORM CONTROL CONSOLE ASSY - SJ46AJ/SJ51AJ CE - Deutz
C	167523	-	PLATFORM CONTROL CONSOLE ASSY - SJ46AJ/SJ51AJ AS - Deutz
D	162478	-	PLATFORM CONTROL CONSOLE ASSY - SJ46AJ ANSI/CSA - GM & Kubota
1	154122	1	• CONTROL BOX, Platform
	154123	1	• • BODY, Control box
	154124	1	• • LID, Control box
	149384	1	• • HINGE, Nylon (Left hand)
	149385	1	• • HINGE, Nylon (Right hand)
	138715	2	• • LATCH, Slotted door
	138334	1	• • WEATHER STRIP, Cut
	159879	2	• • STUD, Aluminum (#10-32 x 3/8")
	103959	8	• • SCREW, Round head machine (#10-24 x 1/4")
	163512	8	• • WASHER, Lock (#10)
2	(Ref.)	1	• CONTROLLER, Drive / Steer (For components, refer to 1.9 Drive / Steer Controller)
3	(Ref.)	1	• CONTROLLER, Boom / Turret (For components, refer to 1.8 Boom / Turret Controller)
4	(Ref.)	1	• CONTROLLER, Riser (For components, refer to 1.10 Riser Controller)
5	124446	1	• SWITCH, Toggle (2NT1-50)
6	115747	1	• SWITCH, Toggle (1NT1-3)
7	115574	1	• SWITCH, Toggle (1NT1-2), A, B, C
		2	• SWITCH, Toggle (1NT1-2), D
8	148988	1	• SWITCH, Toggle (2NT1-70)
9	138278	4	• SWITCH, Toggle (2NT1-7)
10	138278	1	• SWITCH, Toggle (2NT1-7), A, D
	138279	1	• SWITCH, Toggle (2NT1-7E), B, C
11	144016	9	• PANEL BUSHING SEAL, A, B, C
		10	• PANEL BUSHING SEAL, D
12	148971	1	• LIGHT, Pilot (Amber)
13	144648	1	• SWITCH ASSEMBLY, HORN PUSHBUTTON
	147056	1	• • LATCH, Mounting
	147054	1	• • BLOCK, NO Contact
	147058	1	• • SWITCH HEAD, Horn pushbutton
14	144647	1	• SWITCH ASSEMBLY, PLATFORM E-STOP
	147056	1	• • LATCH, Mounting
	147229	1	• • SWITCH, LED Block (Red)
	147053	2	• • BLOCK, NC Contact
	147051	1	• • SWITCH HEAD, Emergency stop
15	138229	1	• MODULE, Upper indicating
	139203	6	• • BULB, 12V



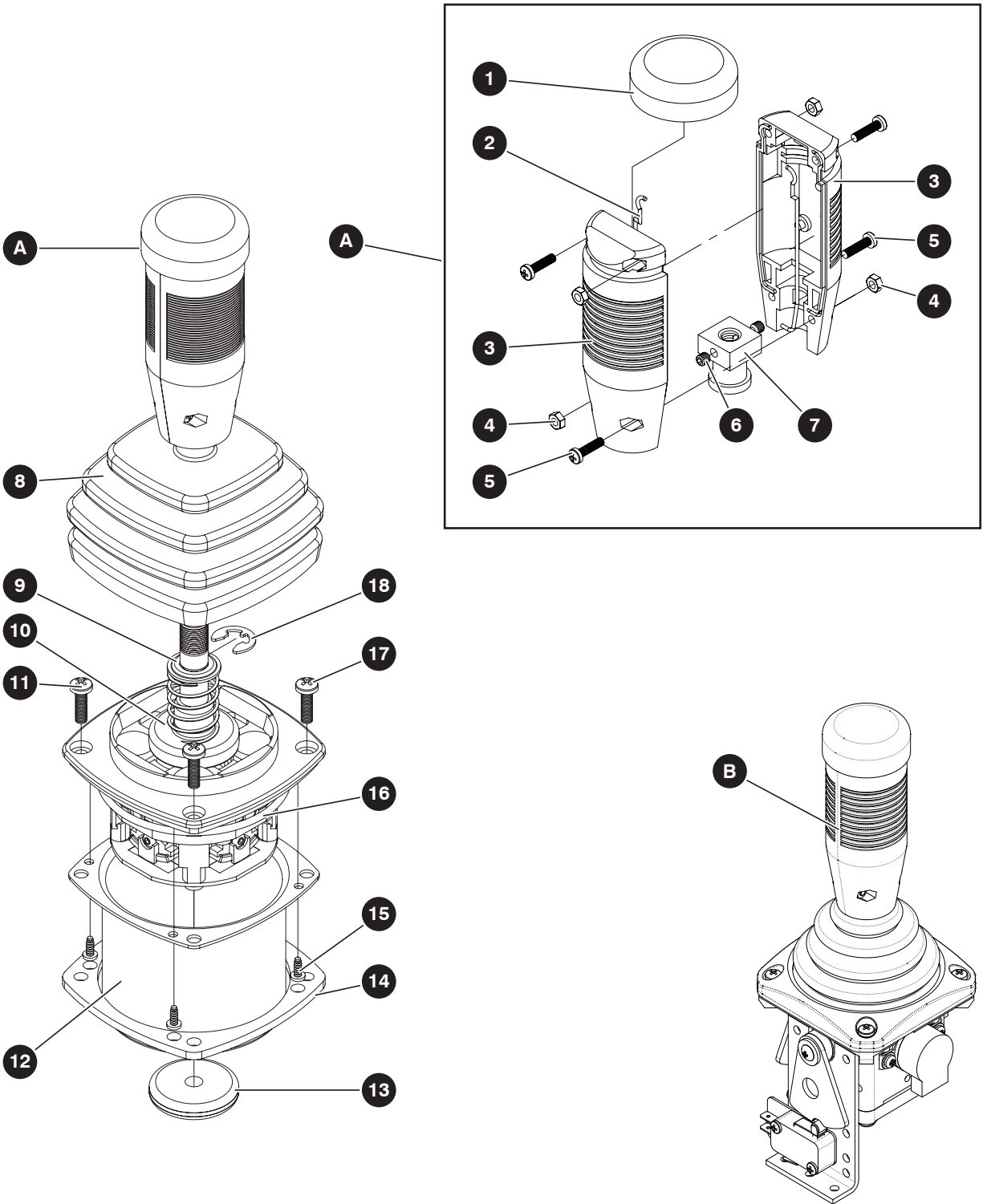
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SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
16	153815	1	• CONTROLLER MODULE, OCM, A, C, D
	170005	1	• CONTROLLER MODULE, SCM, B
17	(Ref.)	1	• PLATFORM TERMINAL STRIP (For components, refer to 1.11 Platform Terminal Strip)
18	138749	5	• SOCKET, Automotive relay, A, D
	138749	7	• SOCKET, Automotive relay, B
	138749	6	• SOCKET, Automotive relay, C
19	127131	4	• RELAY, 12V (40 AMP), A, D
	127131	7	• RELAY, 12V (40 AMP), B
	127131	6	• RELAY, 12V (40 AMP), C
20	138751	2	• HOUSING, Open bottom 24 pin levered
21	138756	1	• SOCKET, 24 Pin spring (16A)
22	138755	1	• PLUG, 24 Pin spring (16A)
23	103057	1	• BEEPER, 4-28VDC Slow pulsing
24	138765	8	• NUT, Hex lock (#8-32 Grade 5, nylon)
25	103957	8	• SCREW, Round head machine (#8-32 x 1/2")
26	115545	2	• SCREW, Round head machine (#10-32 x 3/8")
27	300450	2	• NUT, Hex lock (#10-32 Grade 5, nylon)
28	115649	4	• NUT, Hex lock (1/4"-20 Grade 5, nylon)
29	103860	4	• BOLT, Hex head (1/4"-20 x 1 3/4" Grade 5)
30	163241	4	• SLEEVE, Anti-vibration mount
31	104694	2	• WASHER, Flat (#10)
32	104003	2	• NUT, Hex head (#10-32)
33	103855	2	• BOLT, Hex head (1/4"-20 x 1/2" Grade 5)
34	103995	2	• WASHER, Flat (1/4")
35	144264	2	• PLUG (9/32")
36	139128	1	• PLUG (0.88"), A, D
37	131938	1	• PLUG (1 1/8"), A, D
38	103036	1	• CONNECTOR, Strain relief (1/2")
39	116266	1	• CONNECTOR, Strain relief (PG21)
40	149402	1	• HANDREST
41	144387	1	• ALARM, Overload, B, C
42	(Ref.)	1	• LABEL ASSEMBLY, Platform controls (For components, refer to 10.2 Labels - Platform Control Box)
43	103856	4	BOLT, Hex head (1/4"-20 x 0.75", Grade 5)
44	103995	8	WASHER, Flat (1/4")
45	115649	4	NUT, Hex lock (1/4"-20 Grade 5, nylon)

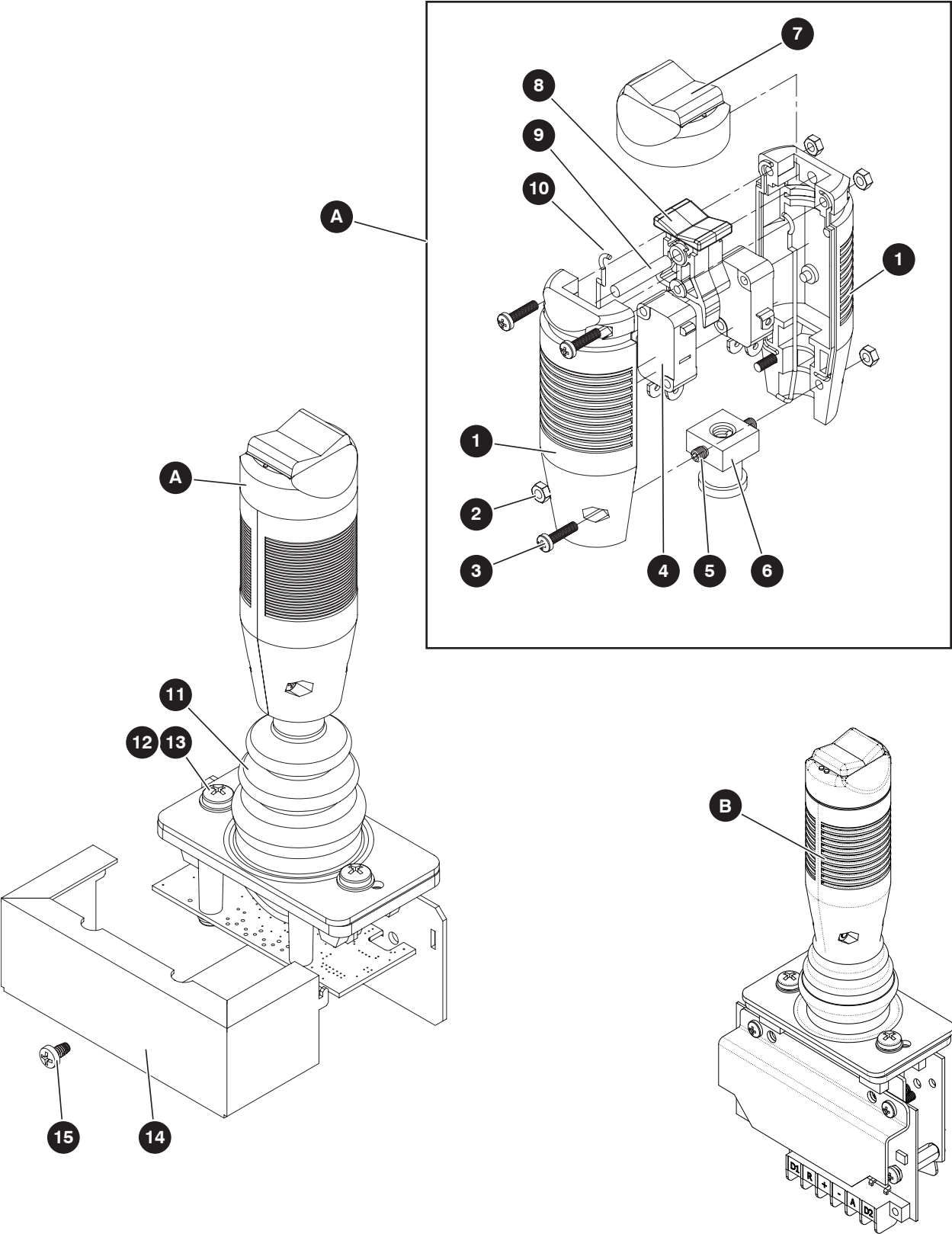
1.8 Boom / Turret Controller



1.8 Boom / Turret Controller

Index No.	Skyjack Part No.	Qty.	Description
A	138225	1	BOOM / TURRET CONTROLLER ASSEMBLY (DUAL AXIS)
1	141326	1	• CAP, Rubber
2	141327	2	• GASKET
3	141325	1	• KIT, Handle
4	141328	4	• NUT
5	141329	4	• SCREW
6	141331	2	• SCREW, Set
7	141330	1	• COUPLING, (10 mm)
8	141313	1	• BOOT
9	141323	1	• WASHER, Retainer
10	141315	1	• SHOE, Spring
11	141321	4	• SCREW, Mounting (M4)
12	141316	1	• CAN, Enclosure
13	141320	1	• GROMMET, Rubber
14	141317	1	• GASKET, Mounting
15	141319	4	• SCREW
16	141318	1	• O-RING
17	141324	1	• SPRING, Compression
18	141322	1	• CLIP, Retainer
19	216879	1	• CONNECTOR, Male (4-pin) (not shown)
20	216880	1	• CONNECTOR, Female (4-pin) (not shown)
B	220628	1	RISER BOOM CONTROLLER (Single Axis) - Potentiometer style - Optional

1.9 Drive / Steer Controller



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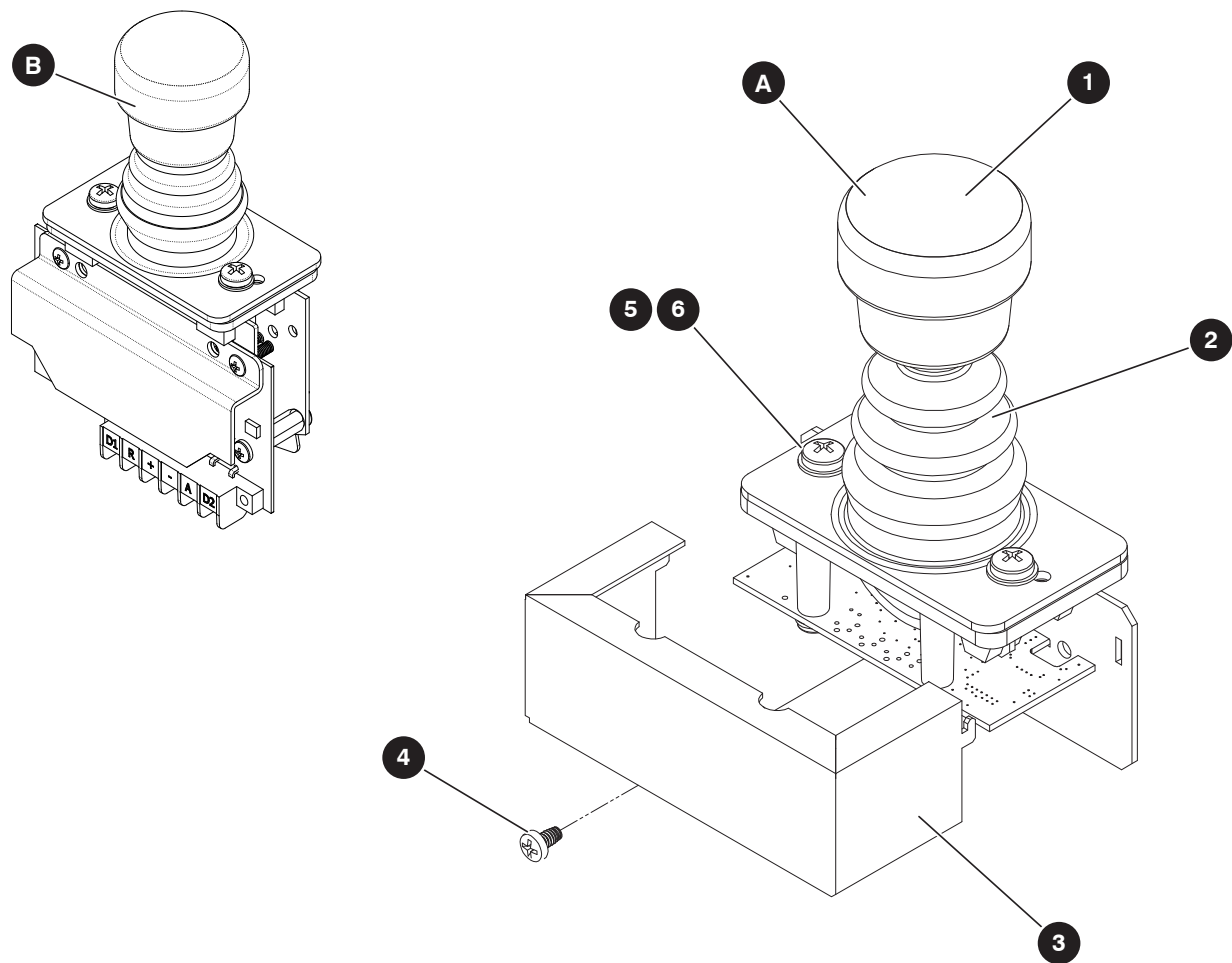
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SJ46AJ, SJ51AJ

1.9 Drive / Steer Controller

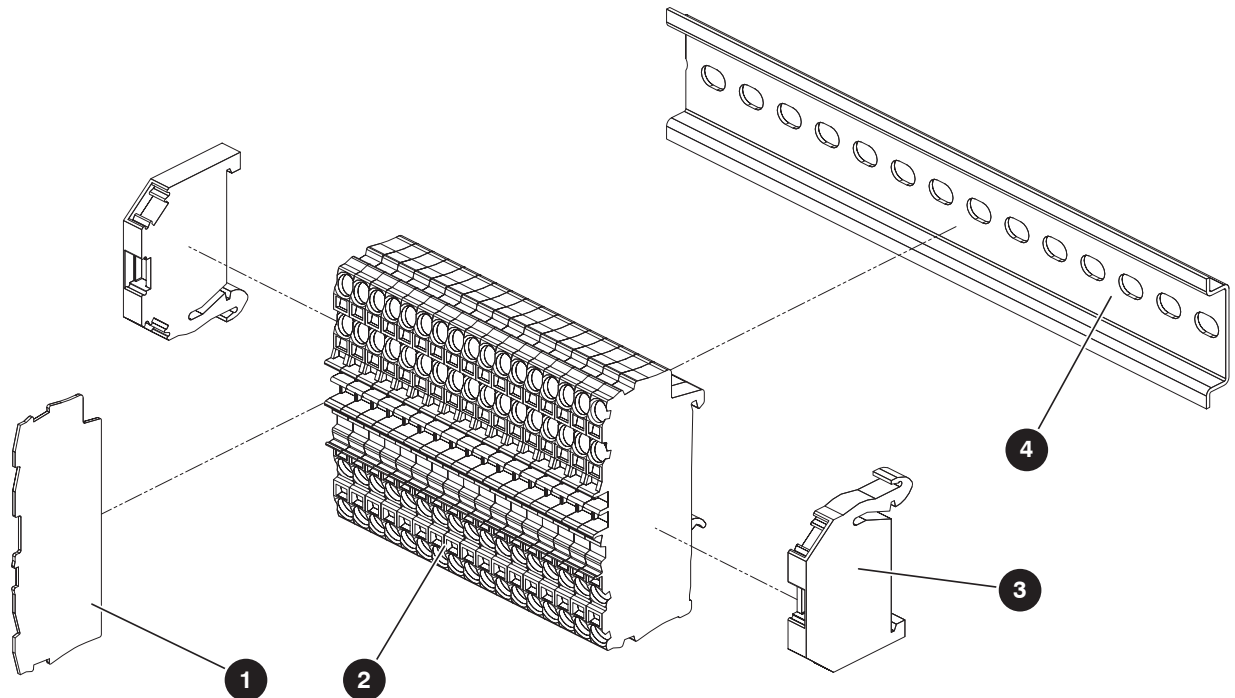
Index No.	Skyjack Part No.	Qty.	Description
A	138224	1	DRIVE / STEER CONTROLLER ASSEMBLY (SINGLE AXIS)
1	141338	1	• KIT, Handle
2	141328	4	• NUT
3	141329	4	• SCREW
4	141342	2	• MICROSWITCH
5	141331	2	• SCREW, Set
6	141343	1	• COUPLING, (8 MM)
7	141339	1	• CAP, Rubber
8	141340	1	• ROCKER
9	141341	1	• ROCKER, Axel
10	141327	2	• GASKET
11	141334	1	• BOOT ASSEMBLY, Standard
12	141336	2	• SCREW Mounting
13	141335	2	• WASHER, Mounting
14	141333	1	• ENCLOSURE
15	141337	1	• SCREW, Enclosure
B	220627	1	DRIVE / STEER CONTROLLER (SINGLE AXIS) - Potentiometer style - Optional

1.10 Riser Controller



Index No.	Skyjack Part No.	Qty.	Description
A	148707	1	RISER BOOM CONTROLLER (Single Axis)
1	154648	1	• CAP, Handle
2	141334	1	• BOOT ASSEMBLY, Standard
3	141333	1	• ENCLOSURE
4	141337	1	• SCREW, Enclosure
5	141336	2	• SCREW, Mount
6	141335	2	• WASHER, Mount
B	220626	1	RISER BOOM CONTROLLER (Single Axis) - Potentiometer style - Optional

1.11 Platform Terminal Strip

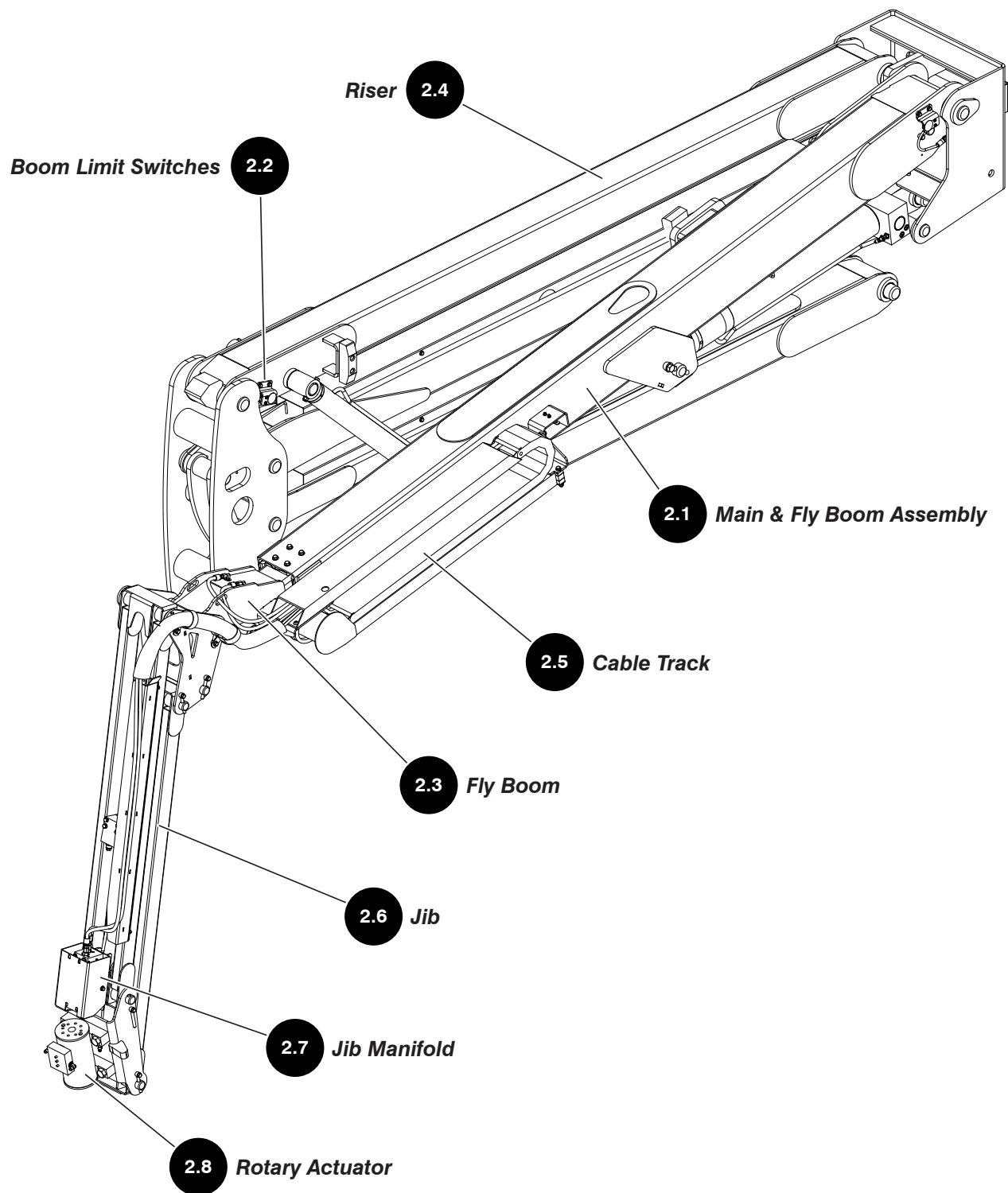


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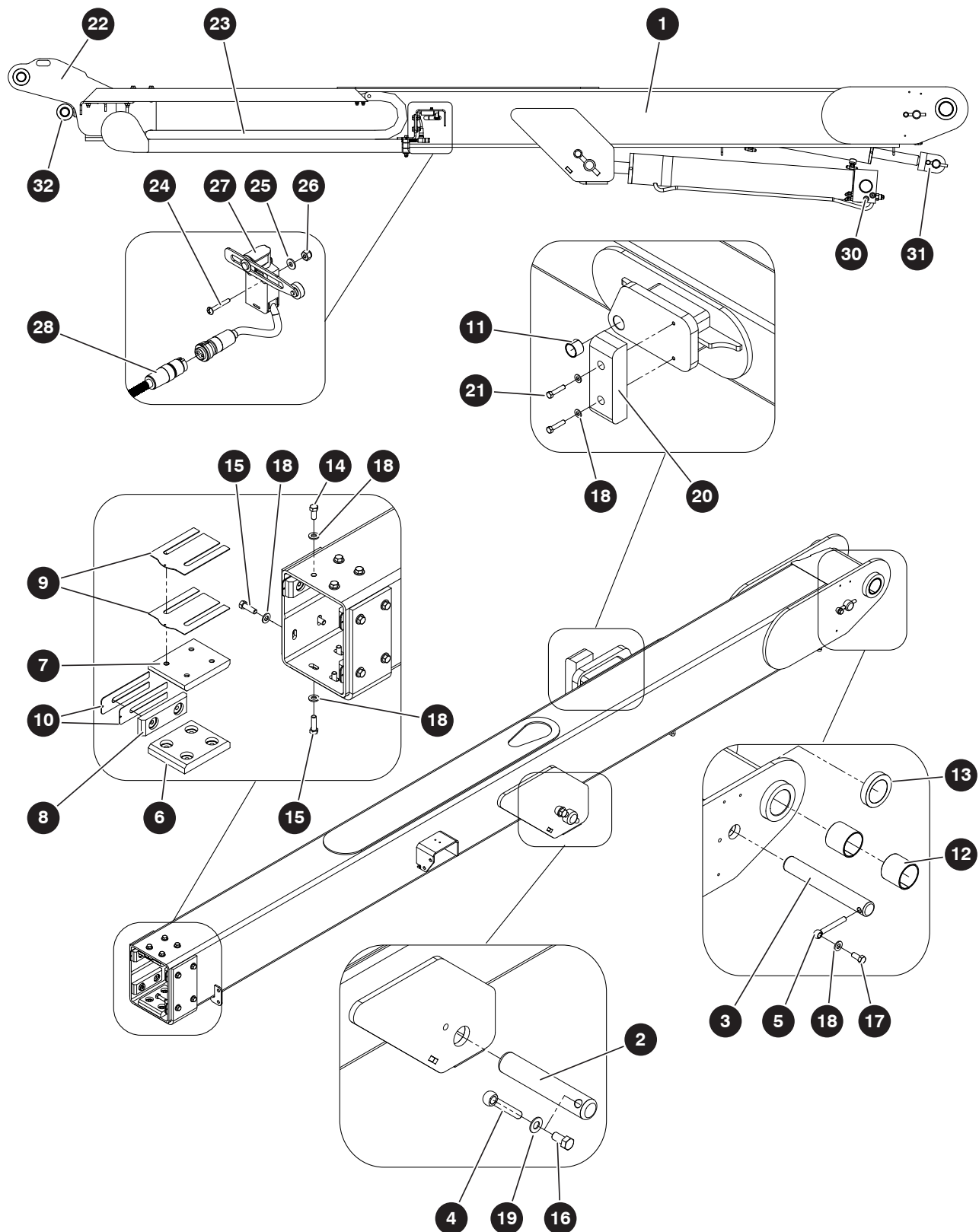
Index No.	Skyjack Part No.	Qty.	Description
-	168553	1	TERMINAL STRIP, Platform
1	137941	1	• END PLATE
2	137940	18	• TERMINAL BLOCK, Through
3	707147	2	• END STOP
4	102874	7"	• DIN RAIL

 **Notes**

Section 2 – Boom



2.1 Main & Fly Boom Assembly



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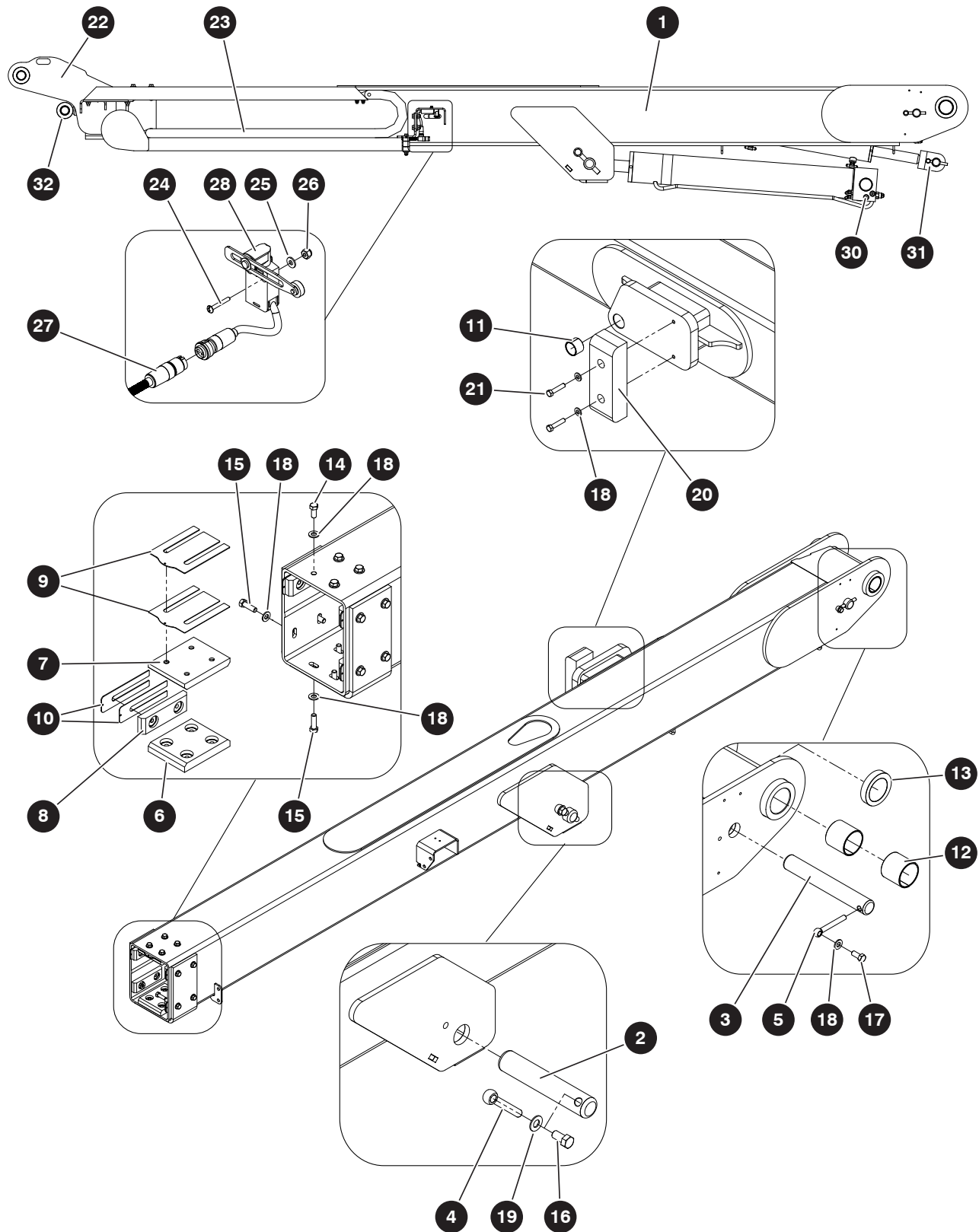
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SJ46AJ, SJ51AJ

2.1 Main & Fly Boom Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	161976	1	MAIN AND FLY BOOM ASSEMBLY - SJ46AJ
B	162446	1	MAIN AND FLY BOOM ASSEMBLY - SJ51AJ
	161977	1	• MAIN BOOM ASSEMBLY, A
	162447	1	• MAIN BOOM ASSEMBLY, B
1	161981	1	• • MAIN BOOM WELDMENT, A
	162451	1	• • MAIN BOOM WELDMENT, B
2	148843	1	• • PIN (1 3/4" diameter x 9 1/2")
3	148844	1	• • PIN (1.25" diameter x 9")
4	146898	1	• • KEEPER PIN (5/8")
5	146897	1	• • KEEPER PIN (3/8")
6	148826	1	• • PAD, Bottom
7	148827	1	• • PAD, Top
8	148828	4	• • PAD, Side
9	148829	AR	• • SHIM, 16 Gauge (top)
	148830	AR	• • SHIM, 20 Gauge (top)
10	148837	AR	• • SHIM, 16 Gauge (side)
	148838	AR	• • SHIM, 20 Gauge (side)
11	148817	2	• • BUSHING (2" ID x 2")
12	148847	1	• • BUSHING (1 1/4" ID x 1")
13	149267	2	• • SPACER (Extension cylinder)
14	300437	4	• • BOLT, Hex head (3/8"-16 x 7/8" Grade 5)
15	101297	12	• • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
16	149015	1	• • BOLT, Hex head/patch (5/8"-16 x 7/8" Grade 8, ZP)
17	139193	1	• • BOLT, Hex head patch (3/8"-16 x 7/8" Grade 8, ZP)
18	125959	19	• • WASHER, Flat (3/8")
19	700782	1	• • WASHER, Flat (5/8")
20	152306	1	• • PAD, Wear - boom
21	103871	2	• • BOLT, Hex head (3/8"-16 x 1.75" Grade 5)
22	(Ref.)	1	• FLY BOOM ASSEMBLY (For components, refer to 2.3 Fly Boom)
23	(Ref.)	1	• E-CHAIN ASSEMBLY (For components, refer to 2.5 Cable Track)
-	161980	1	• BOOM EXTEND LIMIT SWITCH ASSEMBLY, A
-	162450	1	• BOOM EXTEND LIMIT SWITCH ASSEMBLY, B
24	112248	2	• • SCREW, Round head machine (#8-32 x 1")
25	103991	2	• • WASHER, Flat (#8)
26	138765	2	• • NUT, Hex lock (#8-32 Grade 5, nylon)
28	207016	1	• • SWITCH, Limit (with adjustable lever arm)
	207849	1	• • • BODY, Limit switch
	160009	1	• • • HEAD, Limit switch
	160011	1	• • • LEVER, Limit switch
27	207853	1	• • • CORD, Limit Switch (17 m)
29	(Ref.)	1	• EXTENSION CYLINDER (For components, refer to 3.1 Extension Cylinder)
30	(Ref.)	1	• MAIN BOOM LIFT CYLINDER (For components, refer to 3.2 Lift Cylinder)

2.1 Main & Fly Boom Assembly



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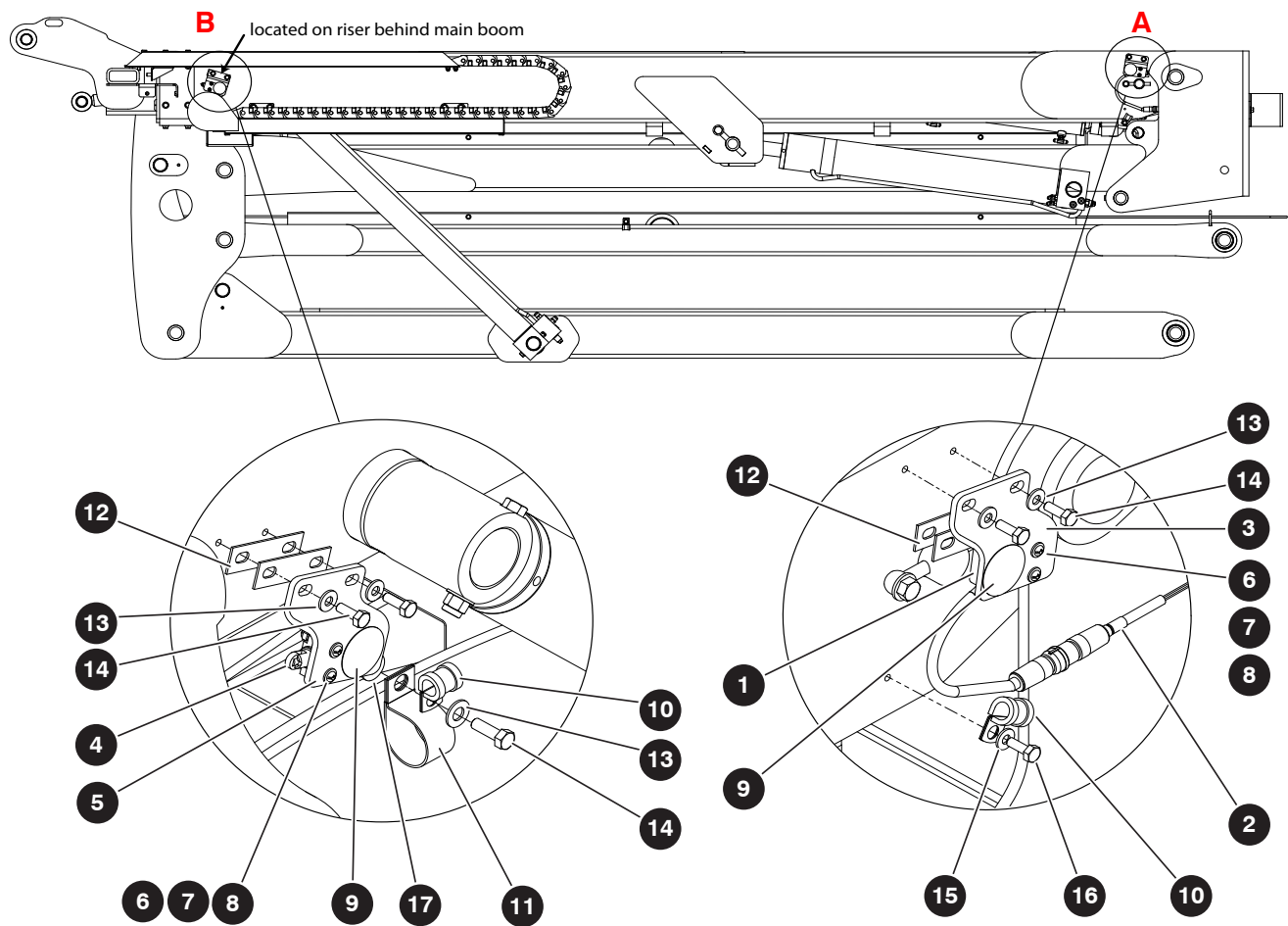
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SJ46AJ, SJ51AJ

2.1 Main & Fly Boom Assembly

Index No.	Skyjack Part No.	Qty.	Description
31	(Ref.)	1	MASTER CYLINDER (For components, refer to 3.5 Master Cylinder)
32	(Ref.)	1	SLAVE CYLINDER (For components, refer to 3.6 Slave Cylinder)
33	(Ref.)	1	E-CHAIN HOSE KIT (Not Shown) (For components, refer to 8.2 Hydraulic Hoses - Boom)

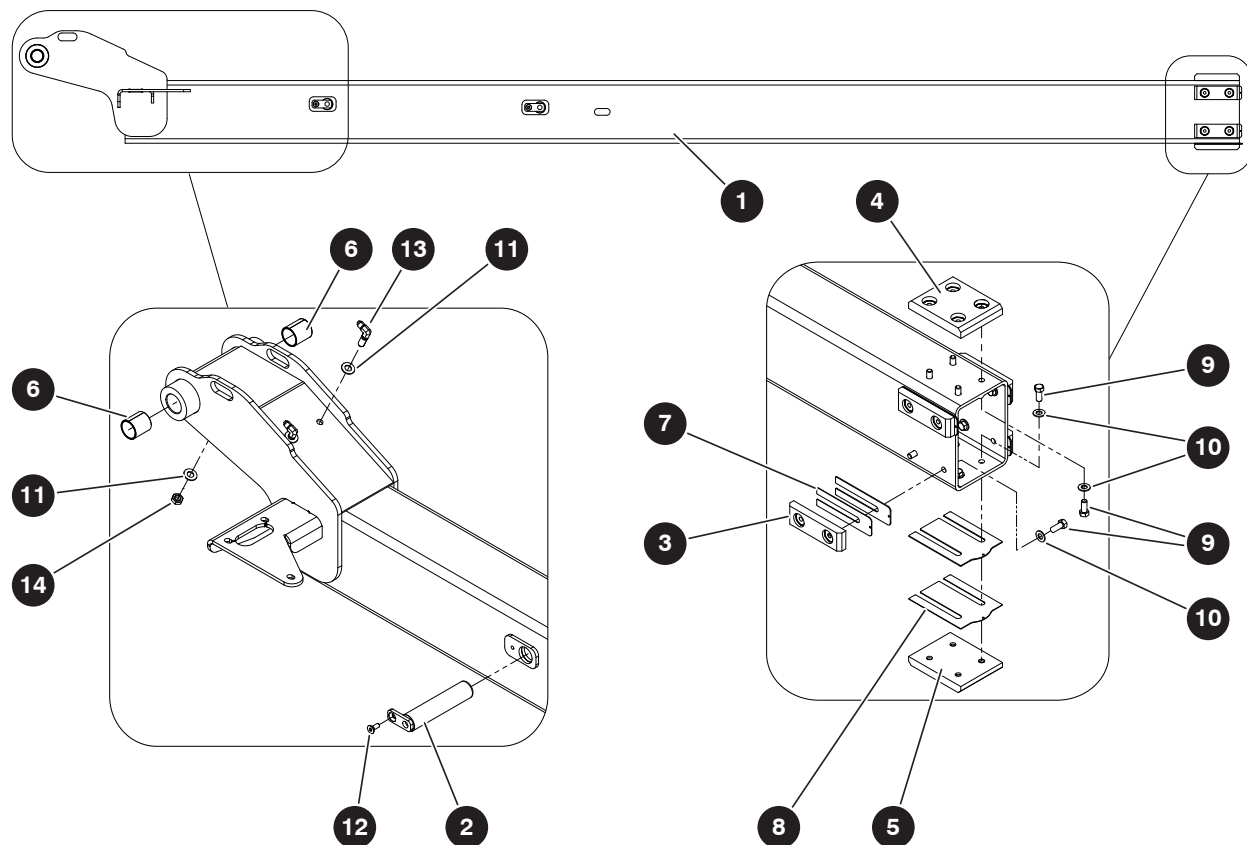
2.2 Boom Limit Switches



2.2 Boom Limit Switches

Index No.	Skyjack Part No.	Qty.	Description
-	162345	1	LIMIT SWITCH ASSEMBLY - MAIN AND RISER BOOM
A	162362	1	• BRACKET ASSEMBLY, Limit Switch
1	207017	1	• • SWITCH ASSEMBLY, Roller plunger
2	207853	1	• • • CORD, Switch
	207849	1	• • • BODY, Limit switch
	207850		• • • HEAD, Limit switch
3	162363	1	• • BRACKET
B	162370	1	• BRACKET ASSEMBLY, Limit Switch
4	199546	1	• • SWITCH, Limit, roller plunger
	207850		• • • HEAD, Limit switch
5	162363	1	• • BRACKET
6	152294	2	• • SCREW, Round head machine (#8-32 x 1.25"), A, B
7	138765	2	• • NUT, Hex head nylon lock (#8-32, Grade 5), A, B
8	103991	4	• • WASHER, Flat (#8), A, B
9	156613	1	• • LABEL, Do not alter, A, B
10	149495	2	• CLAMP, Tube (cushioned)
11	409187	1	• CLAMP, Hose (1-1/2")
12	161053	4	• SHIM
13	103995	5	• WASHER, Flat (1/4")
14	103856	5	• BOLT, Hex head (1/4"-20 x 0.75", Grade 5)
15	103472	2	• WASHER, Flat (3/8")
16	103864	1	• BOLT, Hex head (5/16"-18 x 1.00", Grade 5)
17	103984	1	• NUT, Hex head nylon lock (5/16"-18, Grade 5)

2.3 Fly Boom



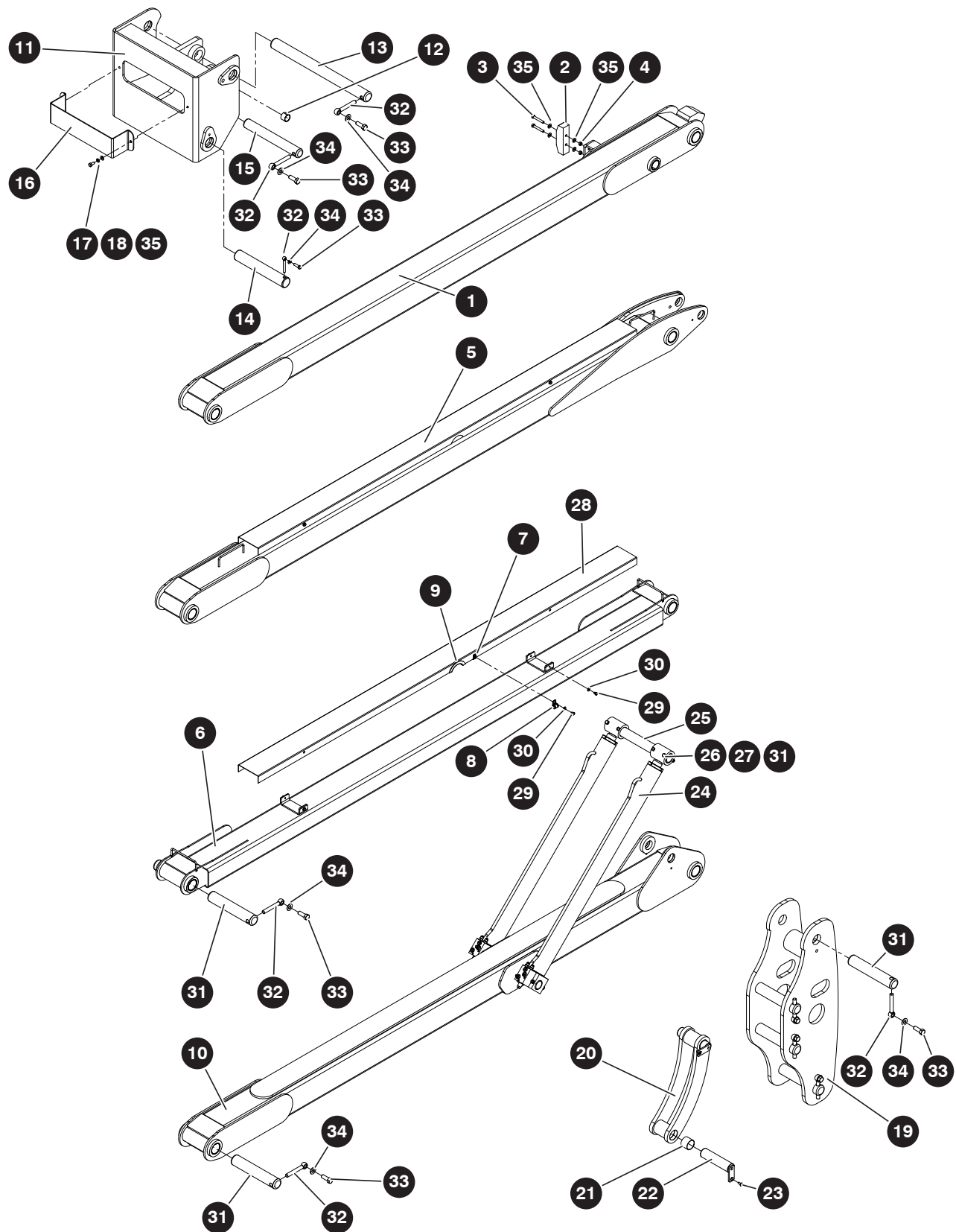
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SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
A	161978	1	FLY BOOM - SJ46AJ
B	162448	1	FLY BOOM - SJ51AJ
1	161986	1	• FLY BOOM WELDMENT, A
	162455	1	• FLY BOOM WELDMENT, B
2	148839	2	• PIN WELDMENT (1 1/4" diameter x 5 11/16")
3	148828	4	• PAD, Side
4	148826	1	• PAD, Top
5	148827	1	• PAD, Bottom
6	125262	2	• BUSHING, CJS 2024 (1.25" ID x 1.50" lg)
7	148837	AR	• SHIM, 16 Gauge (side)
	148838	AR	• SHIM, 20 Gauge (side)
8	148829	AR	• SHIM, 16 Gauge (bottom)
	148830	AR	• SHIM, 20 Gauge (bottom)
9	300437	16	• BOLT, Hex head (3/8"-16 x 7/8" Grade 5)
10	103472	24	• WASHER, Flat (3/8")
11	119313	4	• WASHER, Flat (7/16")
12	704642	2	• SCREW, Flat head cap (5/16"-18 x 3/4" Grade 5)
13	149418	2	• FITTING, Elbow 90° bulkhead (04 JICM - 04 JICM)
14	143963	2	• FITTING, Nut bulkhead (04 JIC)

2.4 Riser



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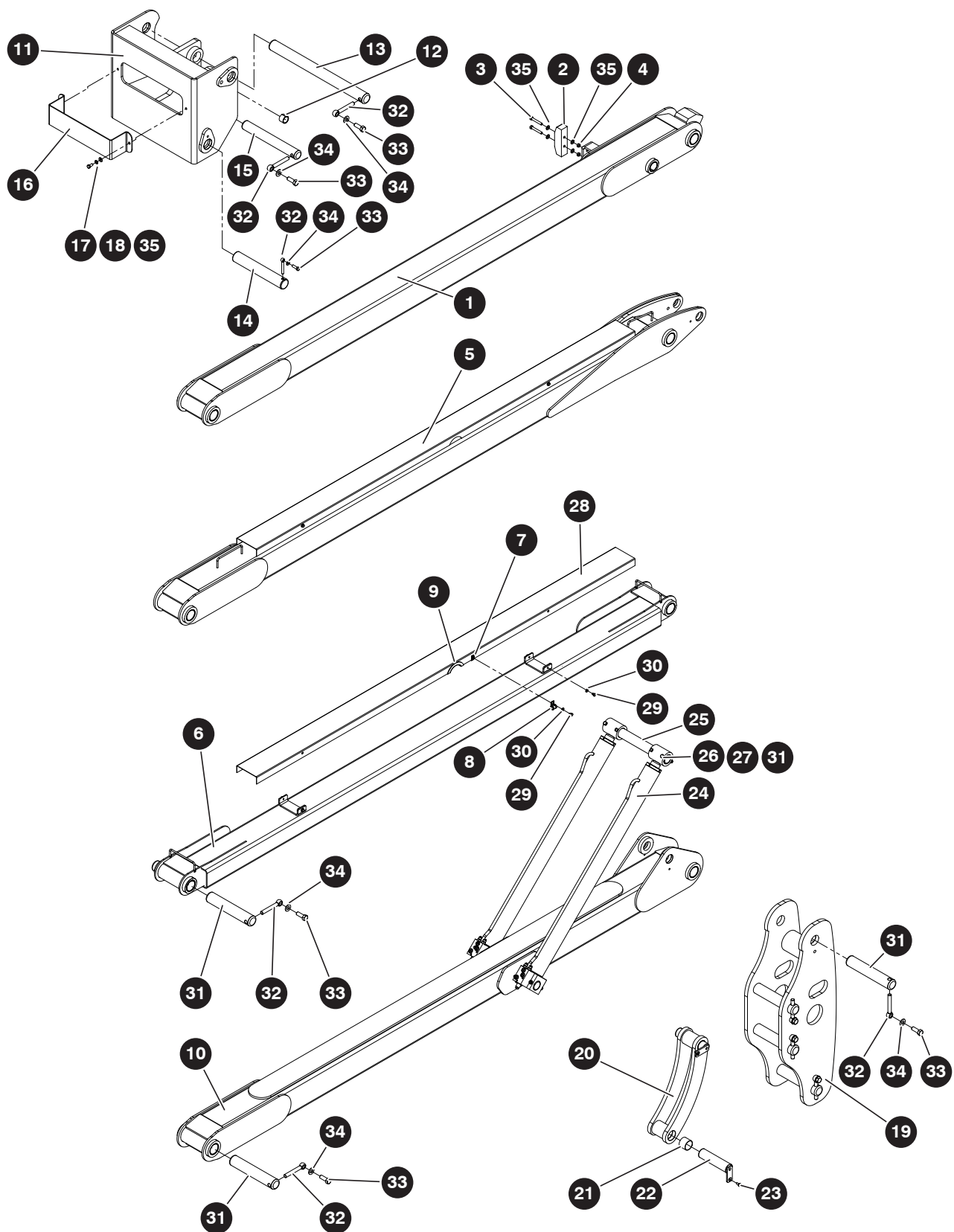
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SJ46AJ, SJ51AJ

2.4 Riser

Index No.	Skyjack Part No.	Qty.	Description
-	162334	1	RISER BOOM ASSEMBLY
-	162337	1	• UPPER RISER BOOM
1	162338	1	• • WELDMENT, Upper riser boom
	148861	2	• • BUSHING (1 3/4" ID x 2")
	148817	4	• • BUSHING (2" ID x 2")
2	152525	1	• • PAD, Bumper
3	103873	2	• • BOLT, Hex head (3/8"-16 x 2 1/2" Grade 5)
4	144238	2	• • NUT, Torque lock (3/8"-16, Grade C)
5	148786	1	• THIRD RISER BOOM
	148787	1	• • WELDMENT, Third riser boom
	148817	4	• • BUSHING (2" ID x 2")
-	148780	1	• SECOND RISER BOOM
6	148781	1	• • WELDMENT, Second riser boom
	148817	4	• • BUSHING (2" ID x 2")
7	152516	2	• • NUT RETAINER, J-Type (1/4"-20)
8	144129	2	• • CLIP, Single
9	117398	7.4"	• • TRIM, Protective
10	158763	1	• LOWER RISER BOOM
	158764	1	• • WELDMENT, Lower riser boom
	148861	2	• • BUSHING (1 3/4" ID x 2")
	148817	4	• • BUSHING (2" ID x 2")
-	162339	1	• UPPER PIVOT WELDMENT
11	169109	1	• • WELDMENT, Upper pivot
12	148847	1	• • BUSHING (1 1/4" ID x 1")
13	148823	1	• • PIN (2" diameter x 24.188")
14	169110	1	• • PIN (2" diameter x 12.375")
15	148824	1	• • PIN (2" diameter x 13.75")
16	148906	1	• • PLATE, Guard
17	101632	2	• • BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
18	103999	2	• • WASHER, Lock (3/8")
-	162335	1	• LOWER PIVOT
19	162336	1	• • WELDMENT, Lower pivot
-	148813	1	• RISER LINK WELDMENT
20	148814	1	• • WELDMENT, Riser link
21	101564	6	• • BUSHING (1-3/4" ID x 1")
22	152319	2	• • PIN (1.75" diameter x 7")
23	704642	2	• • SCREW, Flat head cap (5/16"-18 x 3/4" Grade 5)
-	158769	1	• RISER LIFT CYLINDER ASSEMBLY
24	(Ref.)	2	• • CYLINDER, Riser lift (For components, refer to 3.4 Riser Cylinder)
25	158770	2	• • PIN (1.75" diameter x 15.00")

2.4 Riser



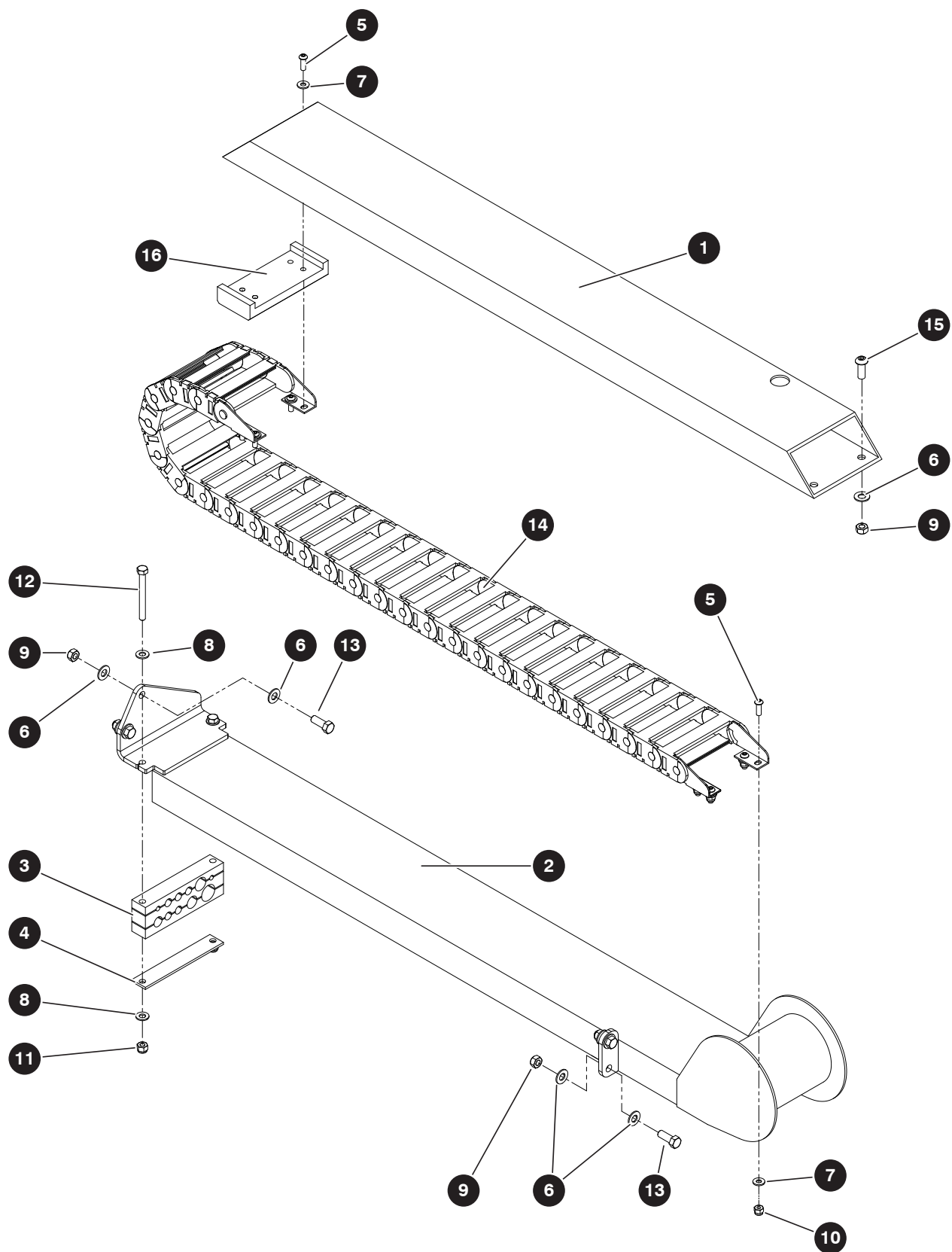
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SJ46AJ, SJ51AJ

2.4 Riser

Index No.	Skyjack Part No.	Qty.	Description
26	103916	2	• • BOLT, Hex head (3/8"-16 x 3.25", Grade 5)
27	104606	4	• • NUT, Hex head nylon lock (3/8"-16, Grade 5)
28	148855	2	• COVER, Riser
29	112495	10	• BOLT, Hex head (1/4"-20 x 3/8" Grade 5)
30	103995	10	• WASHER, Flat hardened (1/4")
31	148819	6	• PIN (2" diameter x 11.063")
32	146898	9	• KEEPER PIN (5/8")
33	148944	9	• BOLT, Hex head patch (5/8"-11 x 1 3/4" Grade 8)
34	700782	9	• WASHER, Flat hardened (5/8")
35	103472	6	• WASHER, Flat (3/8")



M161979AD

170947AL

SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
A	161979	1	E-CHAIN ASSEMBLY - SJ46AJ
B	162449	1	E-CHAIN ASSEMBLY - SJ51AJ
1	161990	1	• TUBE, E-chain upper, A
	162457	1	• TUBE, E-chain upper, B
2	161992	1	• TUBE, E-chain lower, A
	162459	1	• TUBE, E-chain lower, B
3	232757	1	• CLAMP, Hose
4	710210	1	• PLATE, Hose guide
5	139168	8	• SCREW, Button head cap (1/4"-20 x 0.75")
6	103472	11	• WASHER, Flat (3/8")
7	103995	8	• WASHER, Flat (1/4")
8	103996	4	• WASHER, Flat (5/16")
9	144238	7	• NUT, Torque lock (3/8"-16 Grade C)
10	115649	4	• NUT, Hex head nylon lock (1/4"-20 Grade 5)
11	103984	2	• NUT, Hex head nylon lock (5/16"-18 Grade 5)
12	103867	2	• BOLT, Hex head (5/16"-18 x 3.00" Grade 5)
13	103473	4	• BOLT, Hex head (3/8"-16 x 1.00" Grade 5)
14	168334	1	• E-CHAIN, 250 series, 26 links, A
	168335	1	• E-CHAIN, 250 series, 35 links, B
	210078	1	• • MOUNTING BRACKET SET
	210077	A/R	• • LINK, E-Chain
	210074	A/R	• • SEPARATOR, E-Chain
15	103949	3	• SCREW, Button head cap (3/8"-16 x 1.00")
16	196488	1	• PAD, Wear



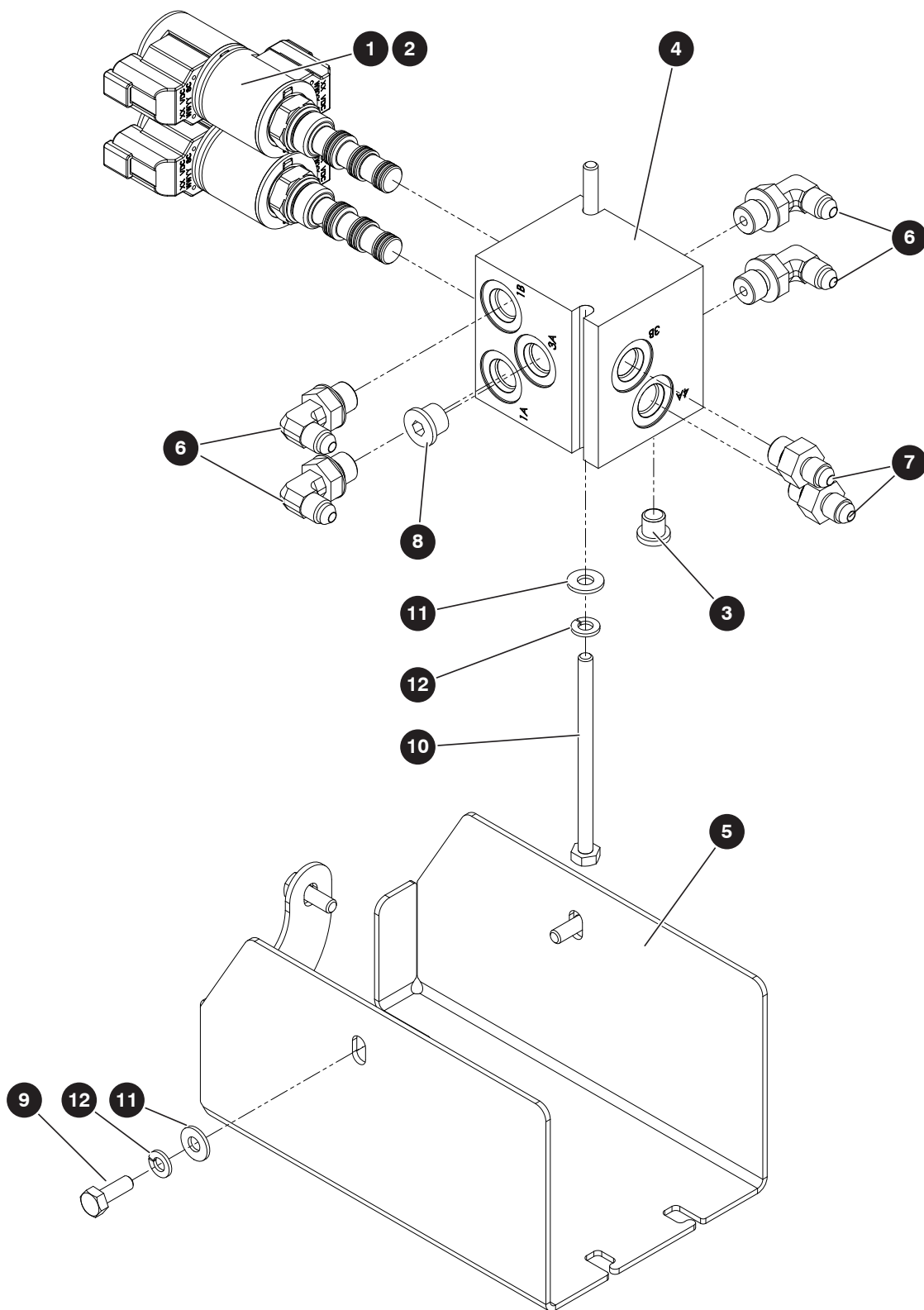
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SKYJACK

2.6 Jib

Index No.	Skyjack Part No.	Qty.	Description
-	167645	1	JIB BOOM ASSEMBLY
1	(Ref.)	1	JIB CYLINDER (For components, refer to 3.7 Jib Cylinder)
2	148876	1	BRACKET, Jib mount
3	148881	1	WELDMENT, Lower arm
4	167648	1	WELDMENT, Upper arm
5	148891	1	COVER, Hose
6	167659	1	BRACKET, Platform mount
7	146897	6	KEEPER PIN (3/8")
8	148890	6	PIN (1 1/4" diameter x 10 3/16")
9	143987	2	CLAMP (2 1/2")
10	148847	8	BUSHING (1 1/4" ID x 1")
11	125262	8	BUSHING (1 1/4" ID x 1 1/2")
12	148920	2	SPACER
13	148936	1	PAD, Wear
14	148943	6	BOLT, Hex head patch (5/16"-18 x 1" Grade 8)
15	103996	8	WASHER, Flat (5/16")
16	300064	2	SCREW, Button head cap (5/16"-18 x 3/4")
17	103984	2	NUT, Hex lock (5/16"-18 Grade 5, nylon)
18	103856	4	BOLT, Hex head (1/4"-20 x 3/4" Grade 5)
19	103995	4	WASHER, Flat (1/4")

2.7 Jib Manifold



M167646AB

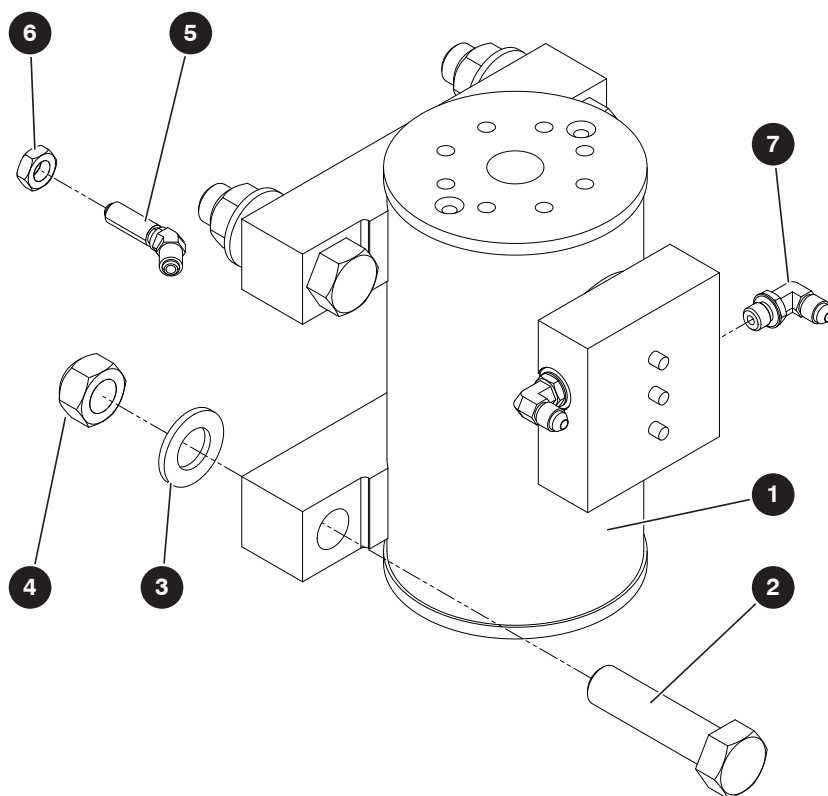
170947AL

SJ46AJ, SJ51AJ

2.7 Jib Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	167646	1	JIB MANIFOLD
-	162497	1	• MANIFOLD ASSEMBLY, Jib/Platform rotate
1	166036	2	• • SV08-47D-0-N-00
2	159821	4	• • COIL 4304012
3	121250	2	• • PORT PLUG 6103004
4	166071	1	• • BLOCK
5	167649	1	• COVER, Valve
6	129127	4	• FITTING, Elbow, 90° (04 JICM - 06 ORBM)
7	701956	2	• FITTING, Straight (04 JICM - 06 ORBM)
8	104437	1	• FITTING, Plug (06 ORBM)
9	103856	3	• BOLT, Hex head (0.25"-20 x 0.75" Grade 5)
10	120738	2	• BOLT, Hex head (0.25"-20 x 4.00" Grade 5)
11	103995	5	• WASHER, Flat (1/4")
12	104000	5	• WASHER, Lock (1/4")

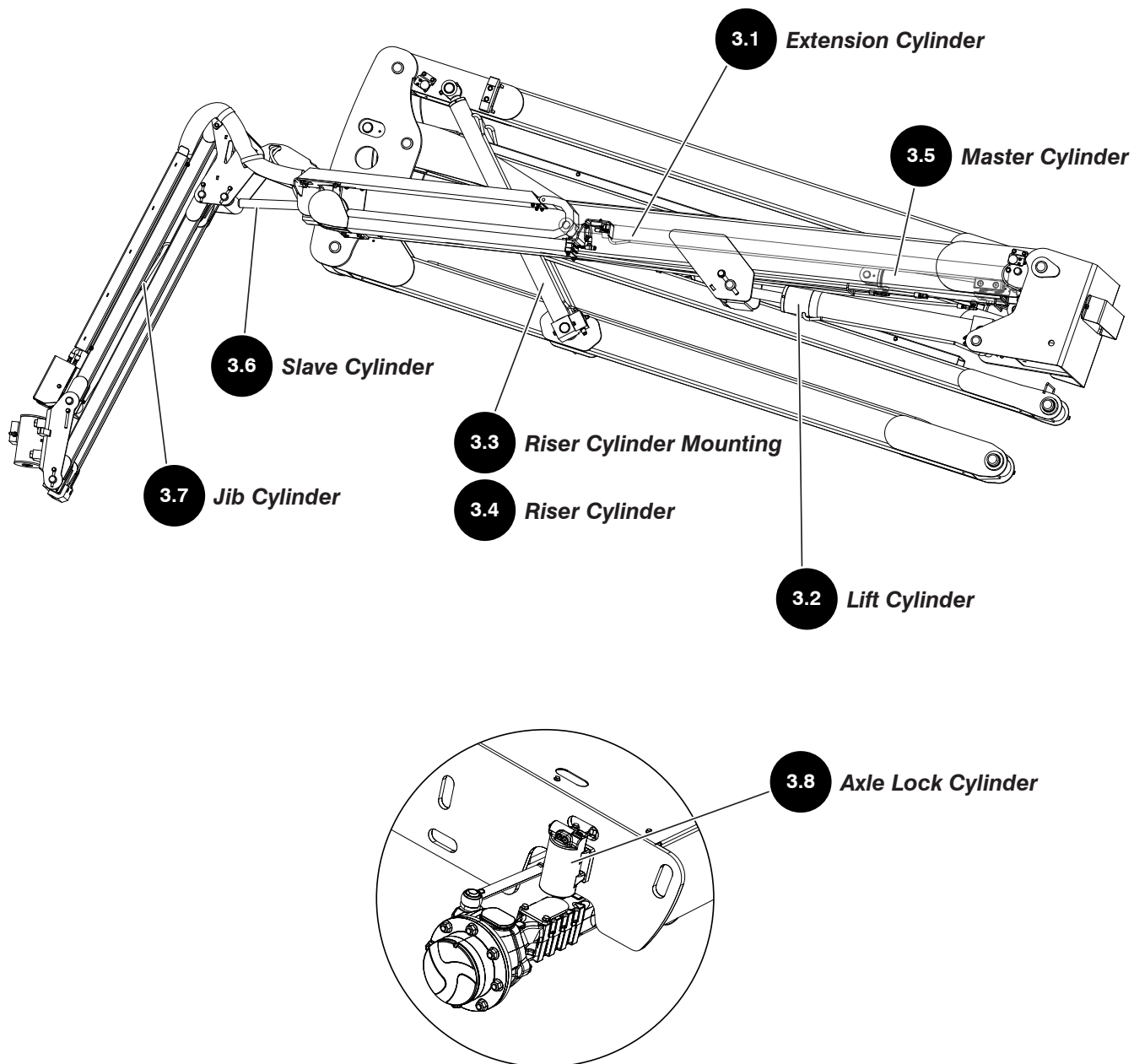
2.8 Rotary Actuator



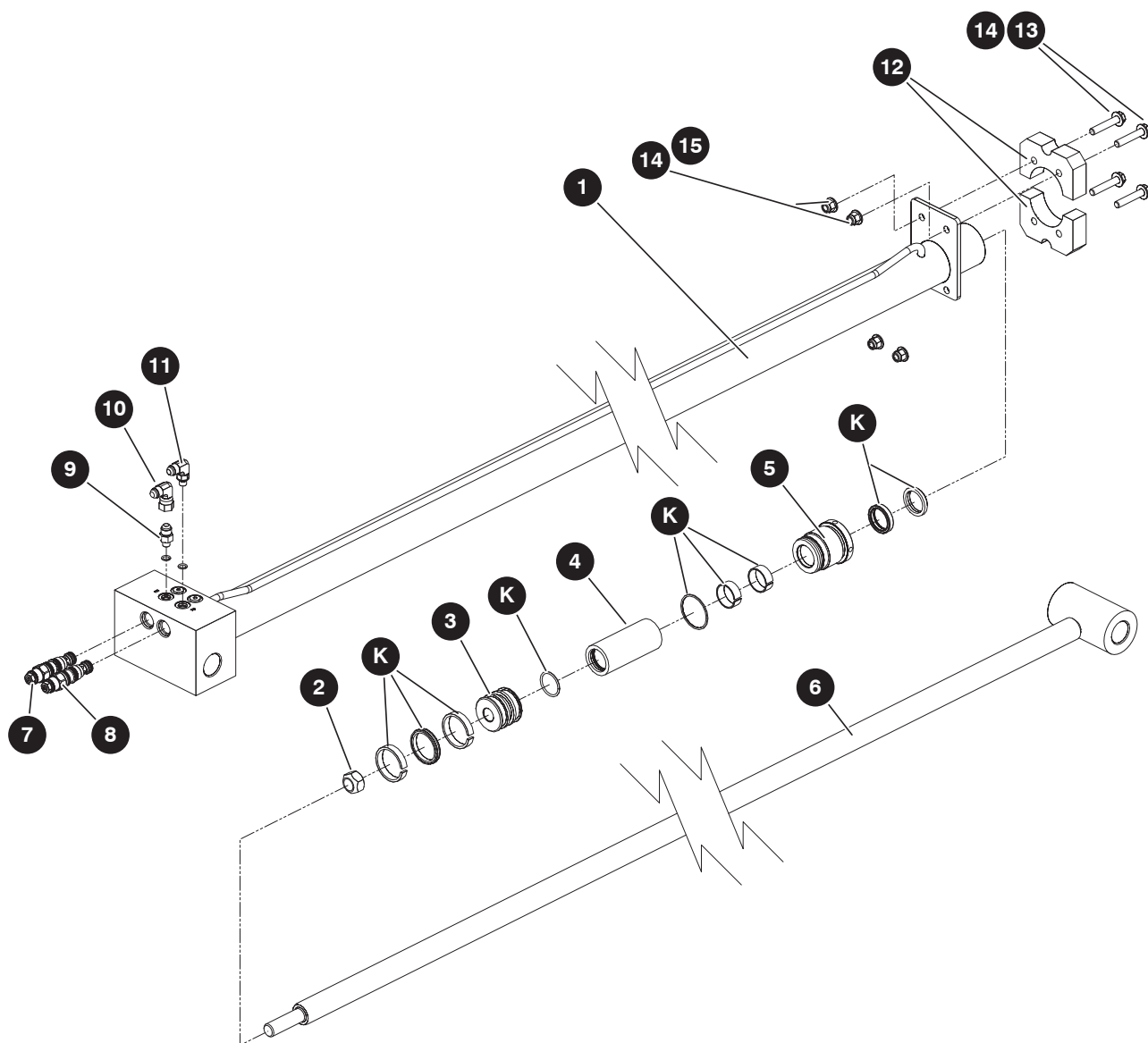
M1467687AA

Index No.	Skyjack Part No.	Qty.	Description
-	167687	1	ROTARY ACTUATOR
1	144710	1	• ACTUATOR, Rotary
2	103894	4	• BOLT, Hex head (3/4"-10 x 3" Grade 8)
3	702194	4	• WASHER, Flat (3/4")
4	700575	4	• NUT, Crownlock (3/4"-10 Grade 8)
5	167686	2	• FITTING, Elbow 45° bulkhead (04 JICM - 04 JICM)
6	143963	2	• FITTING, Nut bulkhead (04)
7	125883	2	• FITTING, 90° (04 JICM - 04 ORBM)
K	144709	1	SEAL KIT

Section 3 – Cylinders



3.1 Extension Cylinder



M148700AA

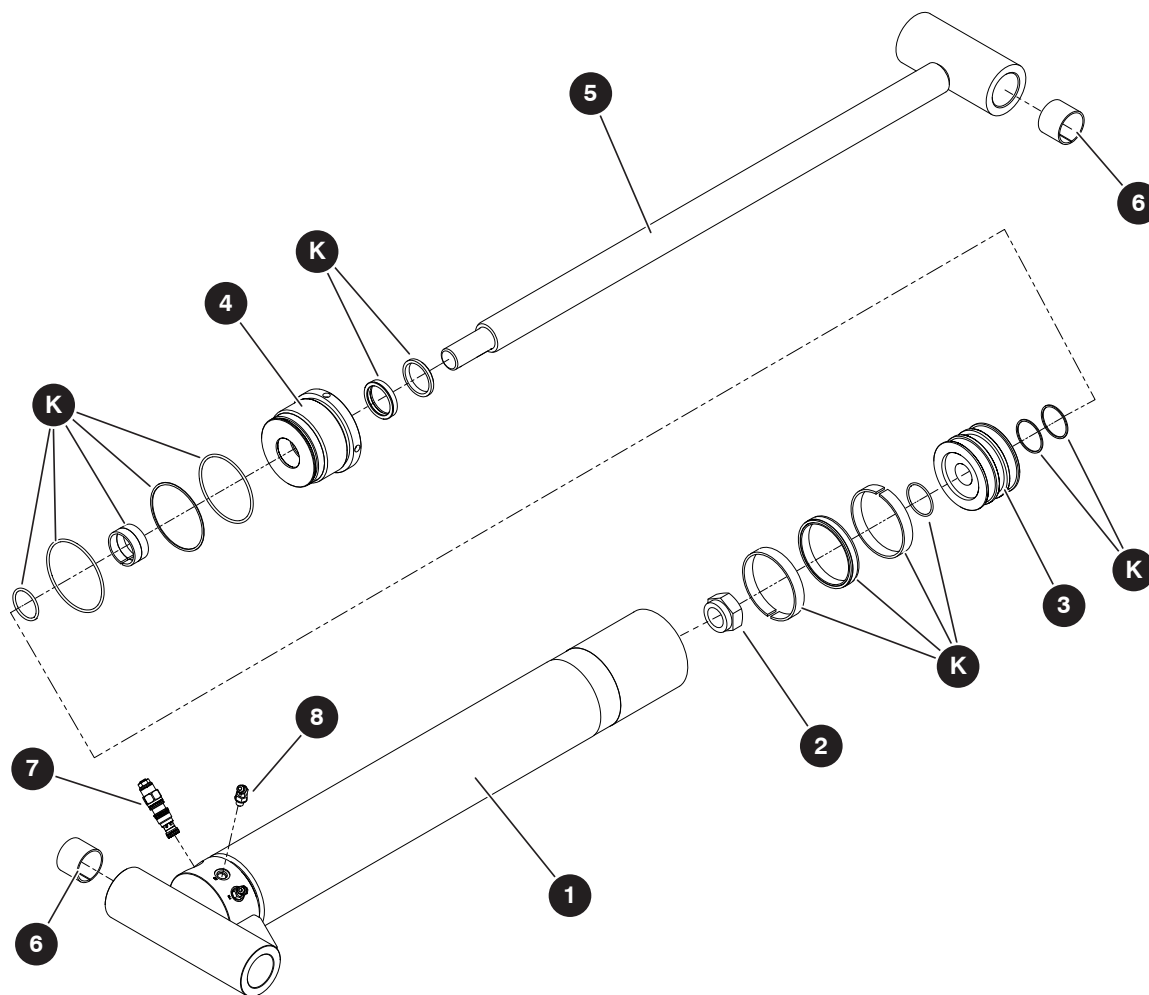
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SJ46AJ, SJ51AJ

3.1 Extension Cylinder

Index No.	Skyjack Part No.	Qty.	Description
A	148700	1	EXTENSION CYLINDER - SJ46AJ
B	148699	1	EXTENSION CYLINDER - SJ51AJ
-	148712	1	• EXTENSION CYLINDER, A
	148713	1	• EXTENSION CYLINDER, B
1	154547	1	• • WELDMENT, Tube, A
	154538	1	• • WELDMENT, Tube, B
2	154539	1	• • NUT, Rod
3	154543	1	• • PISTON
4	154546	1	• • STOP SLEEVE
5	154544	1	• • GLAND
6	154548	1	• • WELDMENT, Rod, A
	154540	1	• • WELDMENT, Rod, B
7	141453	1	• • VALVE, Counterbalance (1000 psi)
8	149228	1	• • VALVE, Counterbalance (3000 psi)
9	103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
10	702761	1	• FITTING, Elbow 90° (06 JICM - 06 JICFSW)
11	114578	1	• FITTING, Elbow 90° (06 JICM - 06 ORBM)
12	152417	2	• PAD, Wear
13	103596	4	• BOLT, Hex head (3/8"-16 x 2" Grade 5)
14	103472	8	• WASHER, Flat (3/8")
15	104606	4	• NUT, Hex lock (3/8"-16 Grade 5, nylon)
K	154537	1	SEAL KIT, A
	154655	1	SEAL KIT, B

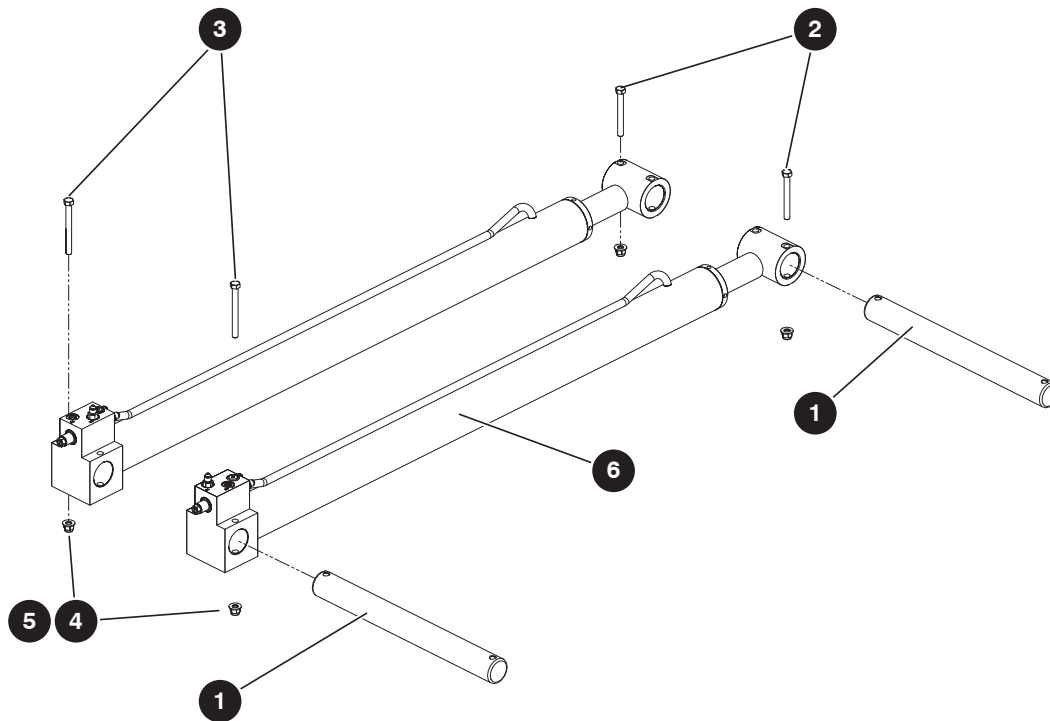
3.2 Lift Cylinder



M220590AA

Index No.	Skyjack Part No.	Qty.	Description
-	220590	1	LIFT CYLINDER ASSEMBLY
-	210452	1	• MAIN BOOM LIFT CYLINDER
1	229055	1	• • BARREL
2	154530	1	• • NUT, Rod
3	230692	1	• • PISTON
4	154535	1	• • GLAND
5	230693	1	• • ROD
6	154533	4	• • BEARING
7	152326	1	• • VALVE, Counterbalance
8	131716	2	• FITTING, Elbow 45° (04 JICM - 04 ORBM)
K	230694	1	SEAL KIT

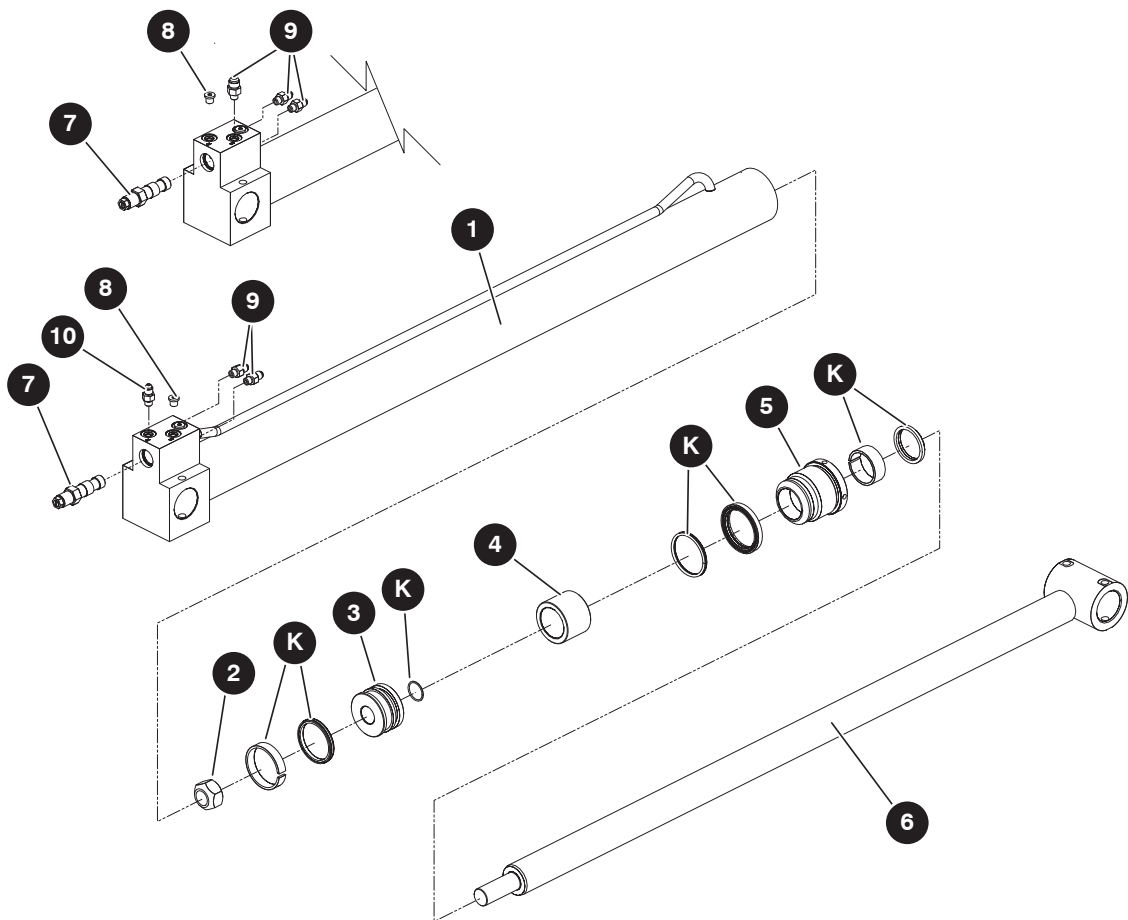
3.3 Riser Cylinder Mounting



M148619AA

Index No.	Skyjack Part No.	Qty.	Description
1	158770	2	PIN (1 3/4" diameter x 15")
2	103916	2	BOLT, Hex head (3/8"-16 x 3 1/4" Grade 5)
3	152350	2	BOLT, Hex head (3/8"-16 x 4" Grade 5)
4	103472	4	WASHER, Flat (3/8")
5	104606	4	NUT, Hex lock (3/8"-16 Grade 5, nylon)
6	(Ref.)	2	RISER CYLINDER ASSEMBLY (For components, refer to 3.4 Riser Cylinder)

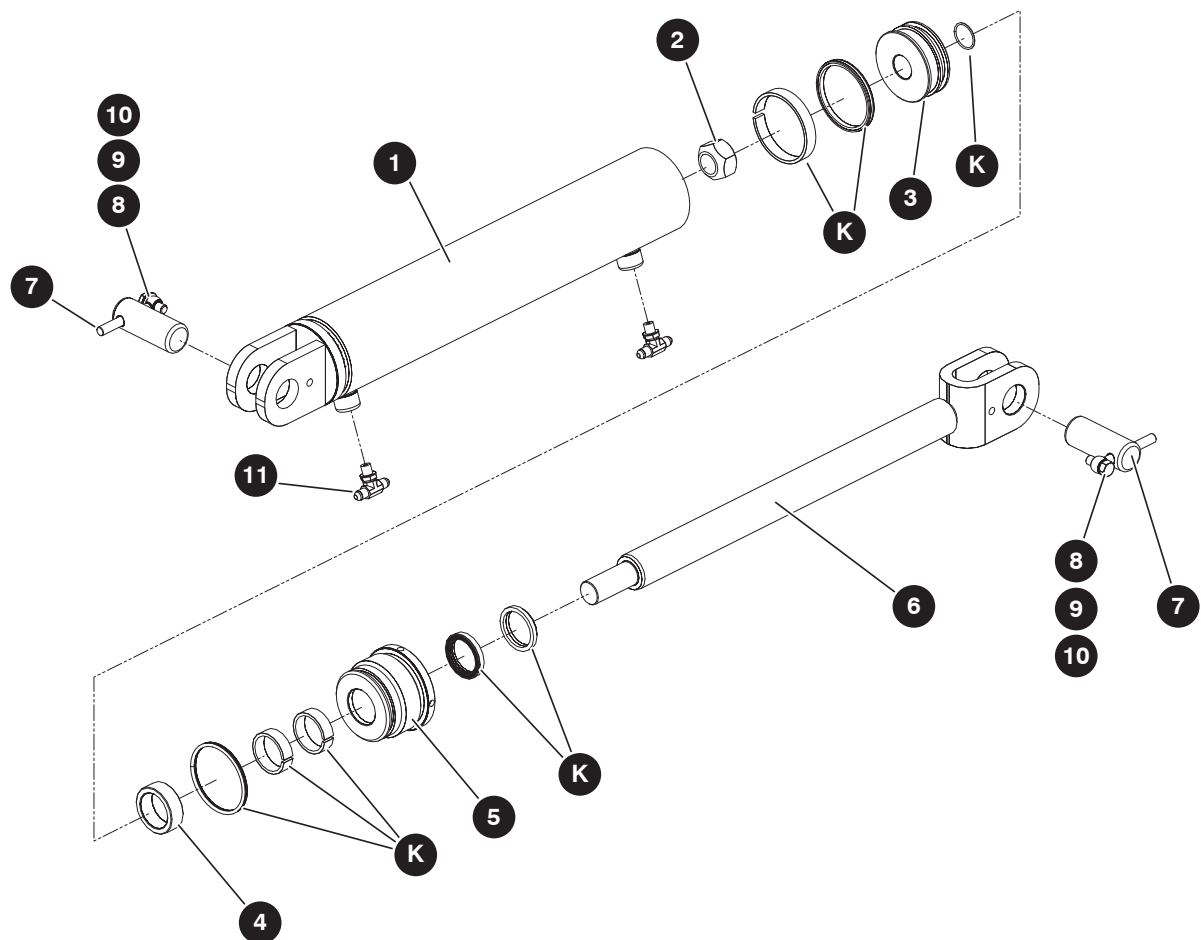
3.4 Riser Cylinder



M148710AB

Index No.	Skyjack Part No.	Qty.	Description
-	148710	2	RISER CYLINDER ASSEMBLY
1	154563	1	• WELDMENT, Tube
2	152256	1	• NUT, Rod
3	154566	1	• PISTON
4	154568	1	• TUBE STOP
5	154567	1	• GLAND
6	154564	1	• WELDMENT, Rod
7	149488	1	• VALVE, Counterbalance
8	121250	2	• PLUG, Hex socket (04 ORBM)
9	128869	5	FITTING, Straight (06 JICM - 04 ORBM)
10	126128	1	FITTING, Straight (04 JICM - 04 ORBM)
K	154562	1	SEAL KIT

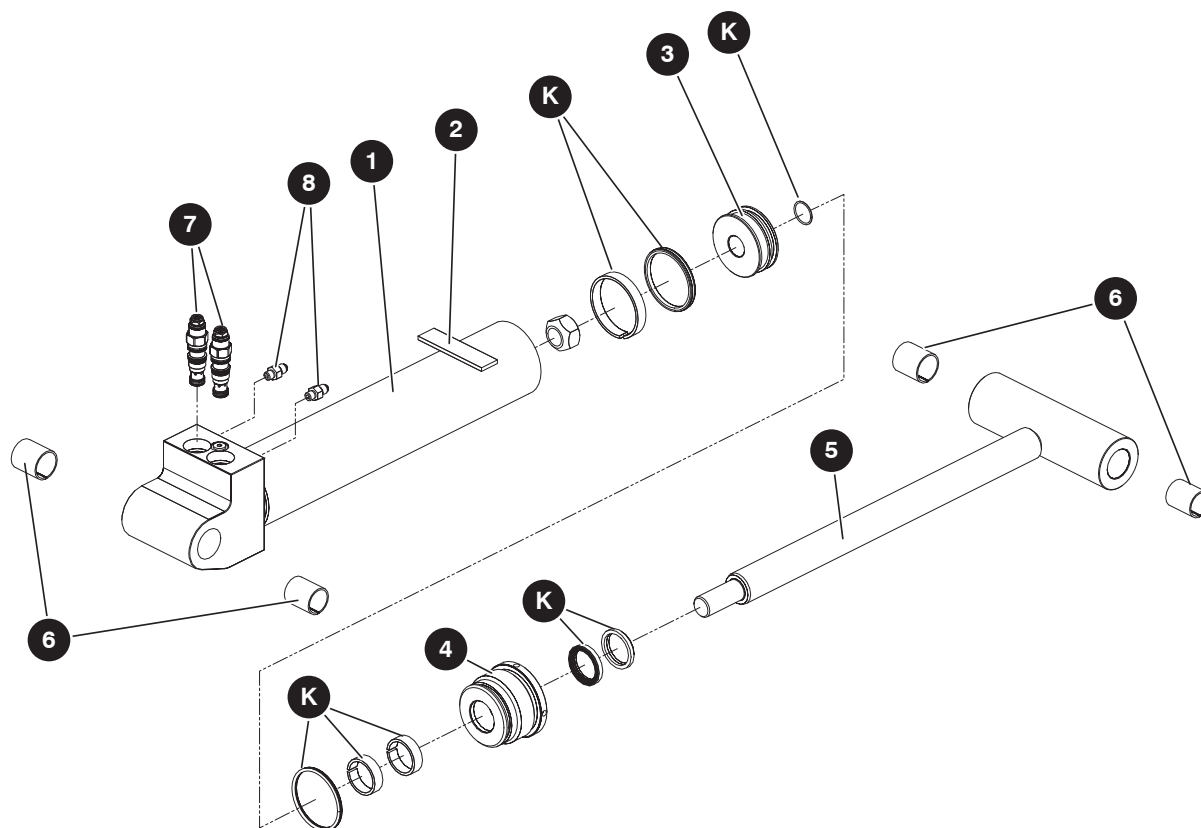
3.5 Master Cylinder



M148628AA

Index No.	Skyjack Part No.	Qty.	Description
-	148628	1	MASTER CYLINDER ASSEMBLY
-	148715	1	• MASTER CYLINDER
1	154525	1	• • WELDMENT, Tube
2	152256	1	• • NUT, Rod
3	154522	1	• • PISTON
4	154527	1	• • TUBE STOP
5	154523	1	• • GLAND
6	154526	1	• • WELDMENT, Rod
7	148846	2	• PIN (1 1/4" diameter x 3 1/8")
8	146897	2	• KEEPER PIN (3/8")
9	139193	2	• BOLT, Hex head patch (3/8"-16 x 7/8" Grade 8, ZP)
10	103472	2	• WASHER, Flat (3/8")
11	132463	2	• FITTING, Tee (04MJ04MB04MJ)
K	154524	1	SEAL KIT

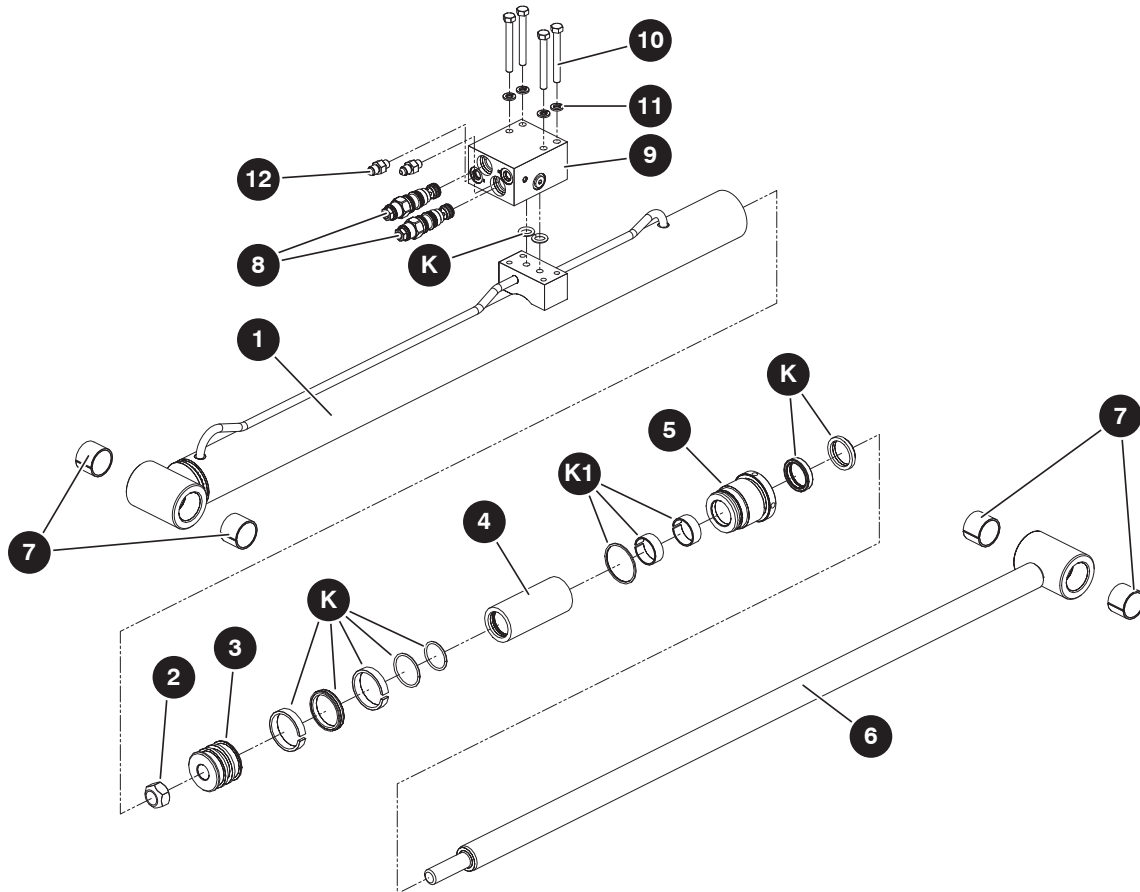
3.6 Slave Cylinder



M148629AA

Index No.	Skyjack Part No.	Qty.	Description
-	148629	1	SLAVE CYLINDER ASSEMBLY
-	148716	1	• SLAVE CYLINDER
1	152255	1	• • WELDMENT, Tube
2	152256	1	• • NUT, Rod
3	154522	1	• • PISTON
4	154523	1	• • GLAND
5	154519	1	• • WELDMENT, Rod
6	154521	4	• • BEARING
7	701827	1	• • VALVE, Counterbalance
8	126128	2	• FITTING, Straight (04 JICM - 04 ORBM)
K	152254	1	SEAL KIT

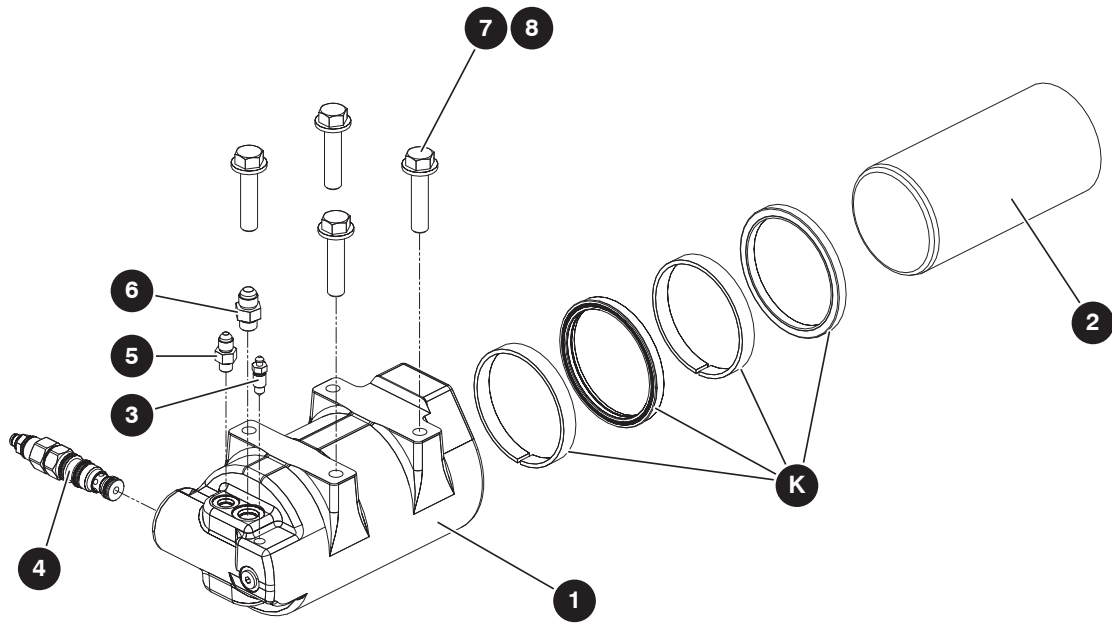
3.7 Jib Cylinder



M148714AB

Index No.	Skyjack Part No.	Qty.	Description
-	148714	1	JIB CYLINDER ASSEMBLY
1	154550	1	• WELDMENT, Tube
2	154539	1	• NUT, Rod
3	154543	1	• PISTON
4	154546	1	• STOP SLEEVE
5	154544	1	• GLAND
6	154551	1	• WELDMENT, Rod
7	154553	4	• BEARING
8	149372	1	• VALVE, Counterbalance
9	154556	1	• BLOCK, Manifold
10	154554	4	• BOLT, Hex head (5/16"-18 x 2 3/4" Grade 5, zinc)
11	154555	4	• WASHER, Flat zinc (5/16")
12	126128	2	• FITTING, Straight (04 JICM - 04 ORBM)
K	154549	1	SEAL KIT

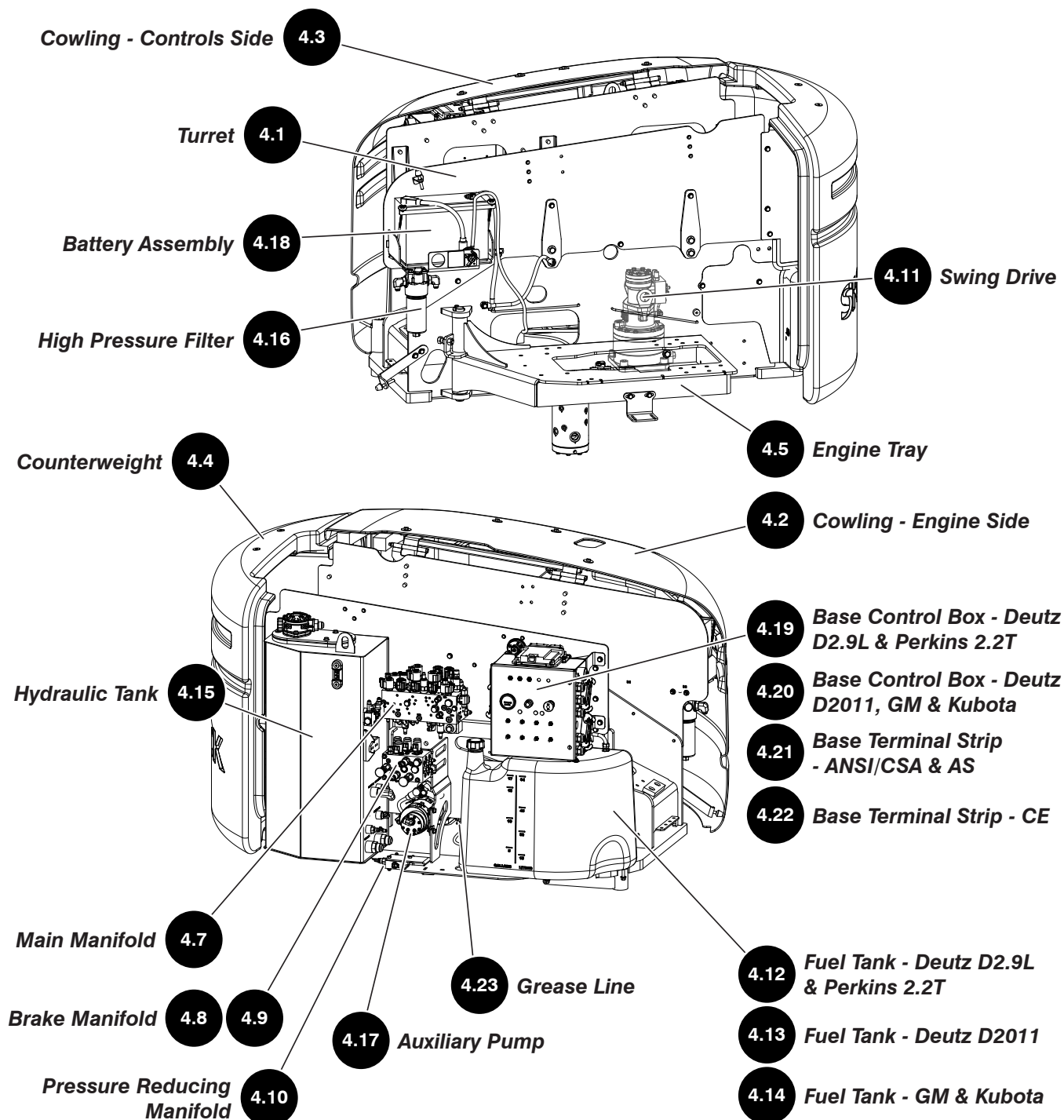
3.8 Axle Lock Cylinder

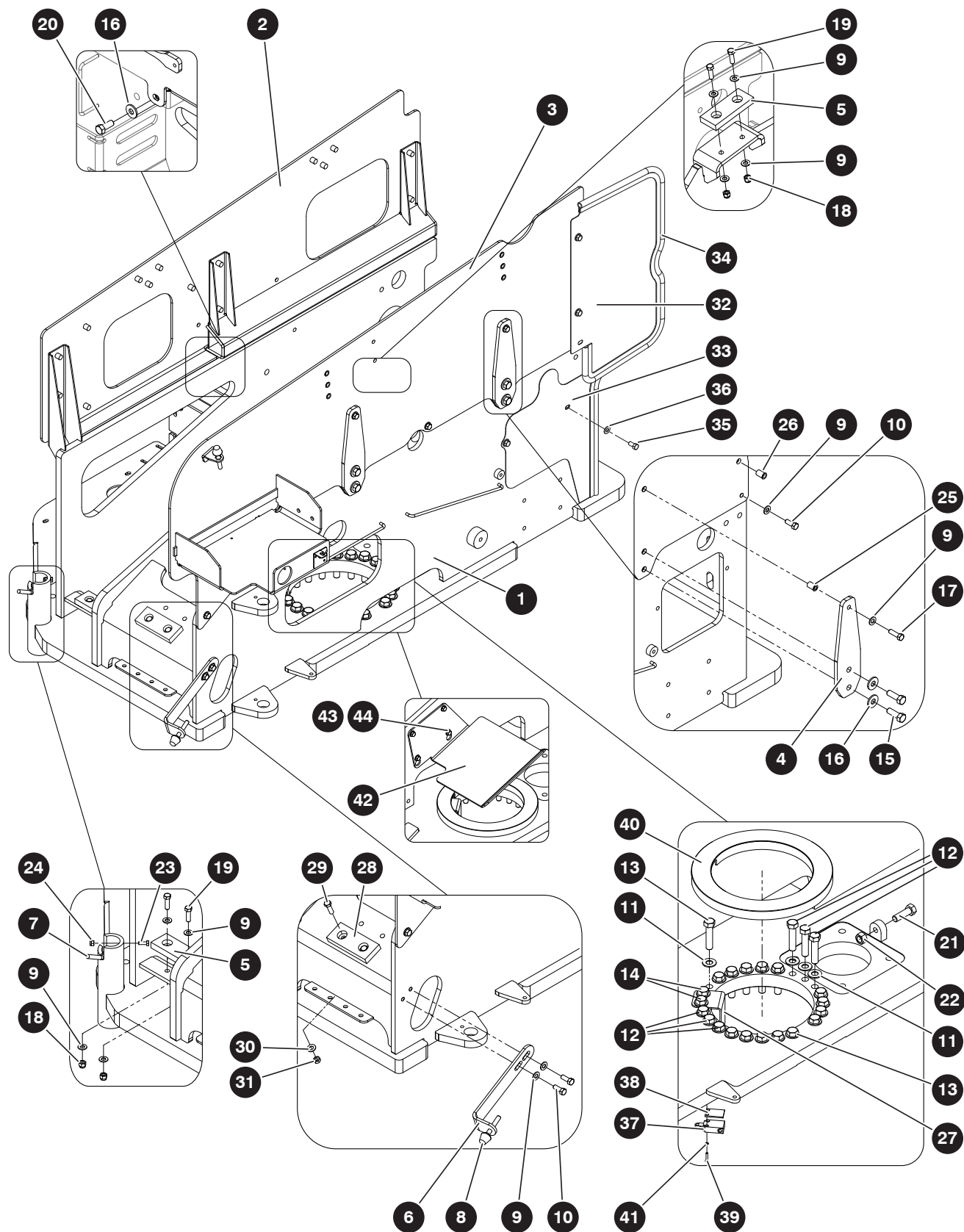


M148709AC

Index No.	Skyjack Part No.	Qty.	Description
-	161095	2	AXLE LOCK CYLINDER ASSEMBLY
1	154558	1	• WELDMENT, Tube
2	154559	1	• ROD
3	154561	1	• SCREW, Bleed
4	160028	1	• VALVE, Counterbalance
5	126128	1	FITTING, Straight (04 JICM - 04 ORBM)
6	103069	1	FITTING, Straight (06 JICM - 06 ORBM)
7	106447	4	BOLT, Hex head (1/2"-13 x 2 1/4" Grade 8)
8	104379	4	WASHER, Flat hardened (1/2")
K	154557	1	SEAL KIT

Section 4 – Turret



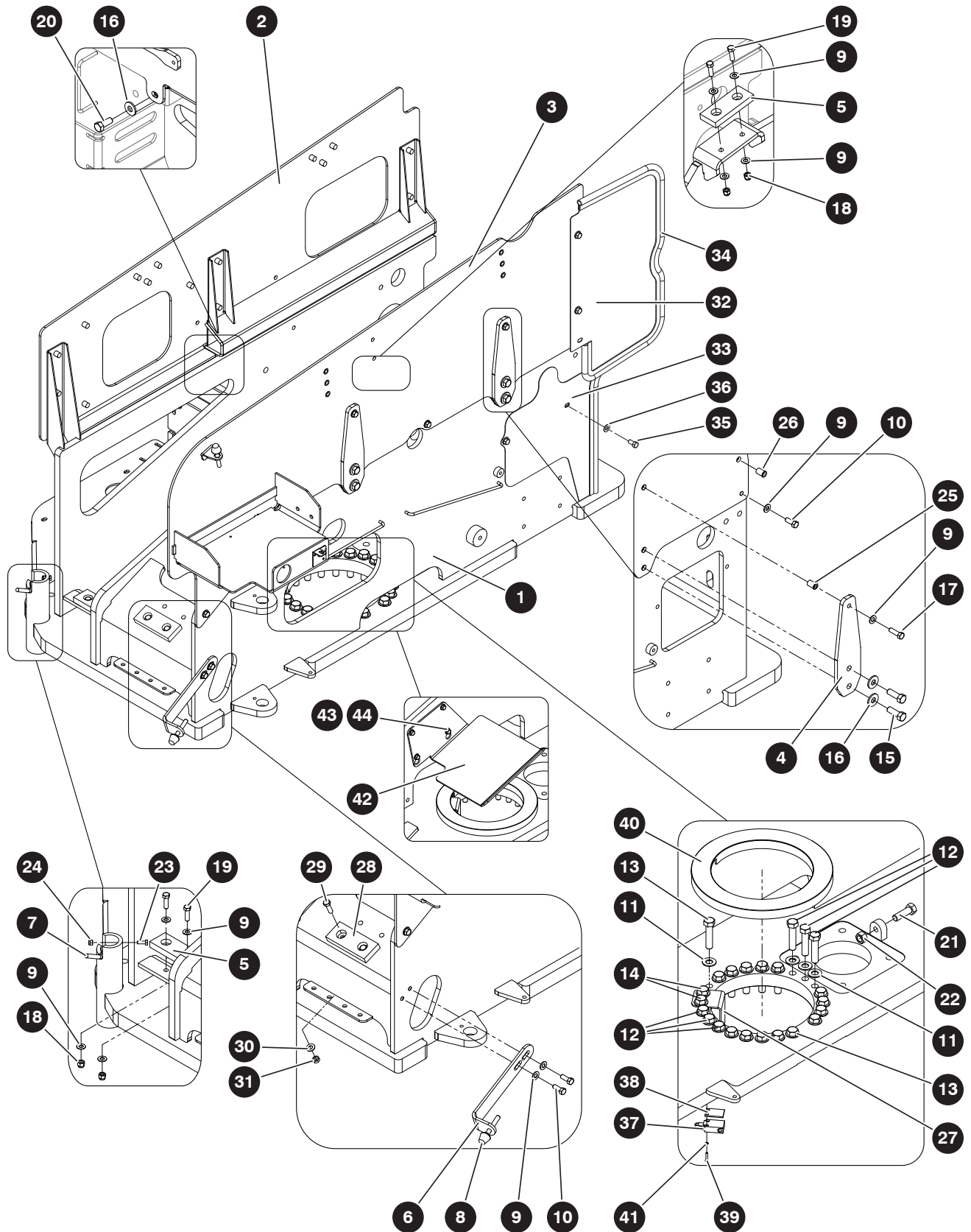


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SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
A	216668	1	TURRET ASSEMBLY - serial number 95 002 909 & above
B	210262	1	TURRET ASSEMBLY - serial number 95 002 085 to 95 002 908
C	168154	1	TURRET ASSEMBLY - serial number 95 002 084 & below
1	216669	1	• WELDMENT, Turret, A
	210263	1	• WELDMENT, Turret, B
	162289	1	• WELDMENT, Turret, C
2	162290	1	• PLATE, Turret - upper left
3	162291	1	• PLATE, Turret - upper right
4	162292	2	• PLATE, Stiffener - turret
5	162293	2	• PAD, Guide (5.00" x 2.00" x 0.625")
6	162294	1	• BRACKET, Bumper - lower cowling
7	159483	1	• PIN, Transportation locking
8	116494	2	• BUMPER, Engine guard
9	103472	25	• WASHER, Lock (3/8")
10	103473	15	• BOLT, Hex head (3/8"-16 x 1" Grade 5)
11	700782	23	• WASHER, Flat hardened (5/8")
12	103895	6	• BOLT, Hex head (5/8"-11 x 3" Grade 8), B
	100844	6	• BOLT, Hex head (5/8"-11 x 2 3/4" Grade 8), C
13	701762	21	• BOLT, Hex head (5/8"-11 x 4.5" Grade 8), A
	103895	15	• BOLT, Hex head (5/8"-11 x 3" Grade 8), B
	100844	15	• BOLT, Hex head (5/8"-11 x 2 3/4" Grade 8), C
14	103895	2	• BOLT, Hex head (5/8"-11 x 4.5" Grade 8), A
	103895	2	• BOLT, Hex head (5/8"-11 x 3" Grade 8), B
	100844	2	• BOLT, Hex head (5/8"-11 x 2 3/4" Grade 8), C
15	103907	4	• BOLT, Hex head (1/2"-13 x 1.5" Grade 5)
16	104379	5	• WASHER, Flat (0.5" hard)
17	117430	2	• BOLT, Hex head (3/8"-16 x 1.25" Grade 8)
18	104606	4	• NUT, Hex head nylon lock (3/8"-16 Grade 5)
19	101297	4	• BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
20	103910	1	• BOLT, Hex head (1/2"-13 x 1.25" Grade 8)
21	103897	1	• BOLT, Hex head (5/8"-11 x 2" Grade 5)
22	103981	1	• NUT, Hex head (5/8"-11 Grade 5)
23	103856	1	• BOLT, Hex head (1/4"-20 x 0.75" Grade 5)
24	115649	1	• NUT, Hex head nylon lock (1/4"-20 Grade 5)
25	167459	19	• INSERT, 3/8"-16 AK series (0.150"-0.312")
26	167460	7	• INSERT, 3/8"-16 AK series (0.027"-0.150")
27	216472	1	• BRACKET, Limit switch, A
	211208	1	• BRACKET, Limit switch, B
28	162293	1	PAD, Guide (5.00" x 2.00" x 0.625")
29	101297	2	BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
30	103472	2	WASHER, Flat (0.375")
31	144238	2	NUT, Torque lock (0.375"-16 Grade C)
32	168619	1	SHROUD, Upper - SJ46AJ
	168623	1	SHROUD, Upper - SJ51AJ
33	168622	1	SHROUD, Lower - SJ46AJ
	168624	1	SHROUD, Lower - SJ51AJ



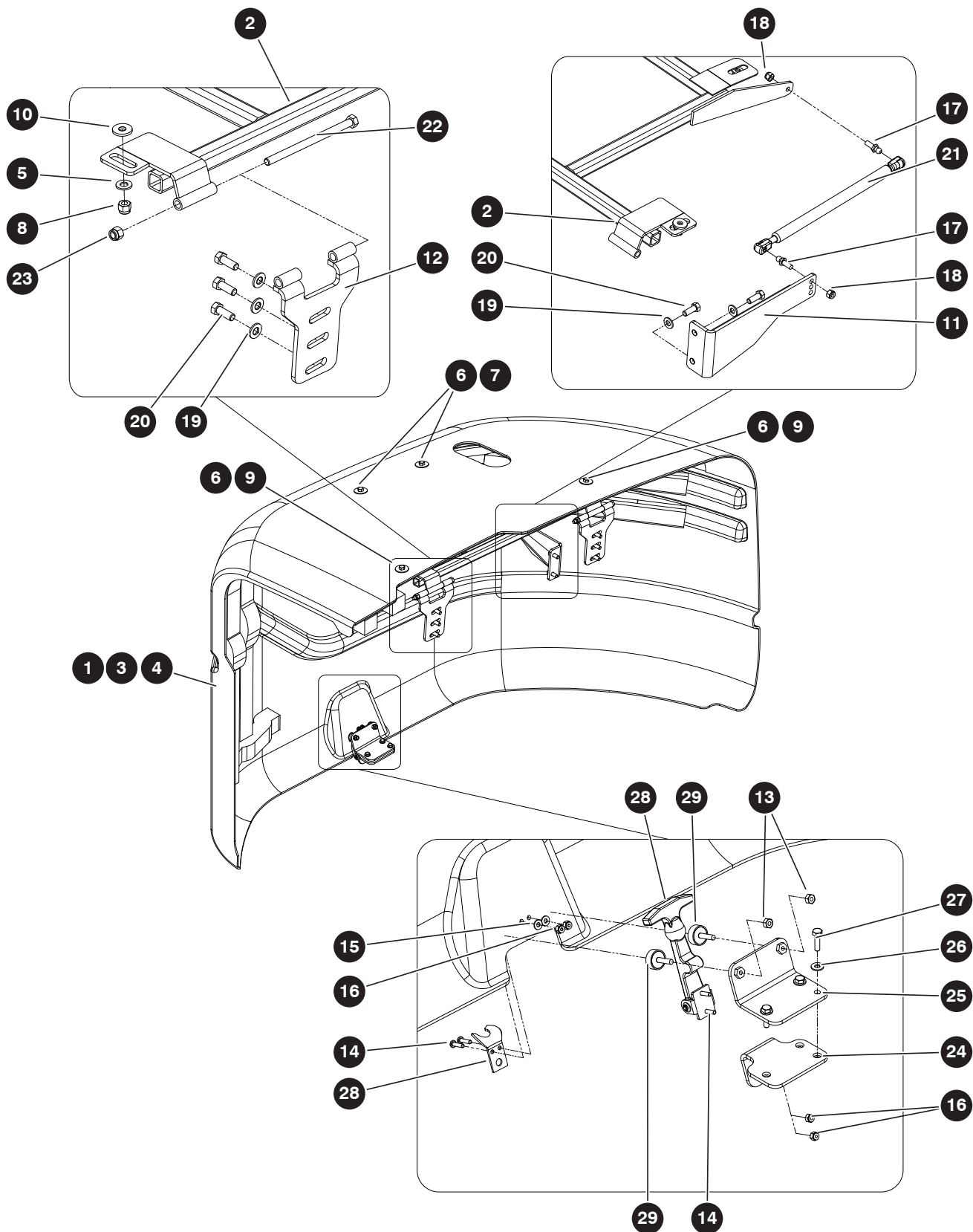
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SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
34	137625	62"	SEAL, Bulb - SJ46AJ
	137625	58"	SEAL, Bulb - SJ51AJ
35	101632	4	BOLT, Hex head (0.375"-16 x 0.75" Grade 5)
36	103472	4	WASHER, Flat (0.375") - ANSI/CSA & AS
	127067	4	WASHER, Flat BB style (0.375") - CE
-	210399	1	DIRECTION SENSING LIMIT SWITCH ASSEMBLY, A
37	199486	1	• SWITCH, Limit - roller plunger (5 m), A
38	211213	1	• PLATE, Limit switch - threaded, A
39	126499	2	• SCREW, Round head machine (8-32 x 0.875"), A
40	208815	1	• RING, Protector - plastic, A
41	122249	2	• WASHER, Lock (#8), A
42	212110	1	PLATE, Cover, A
43	101297	4	BOLT, Hex head (0.375"-16 x 1.25" gr 5), A
44	103472	8	WASHER, Flat (0.375"), A

4.2 Cowling - Engine Side



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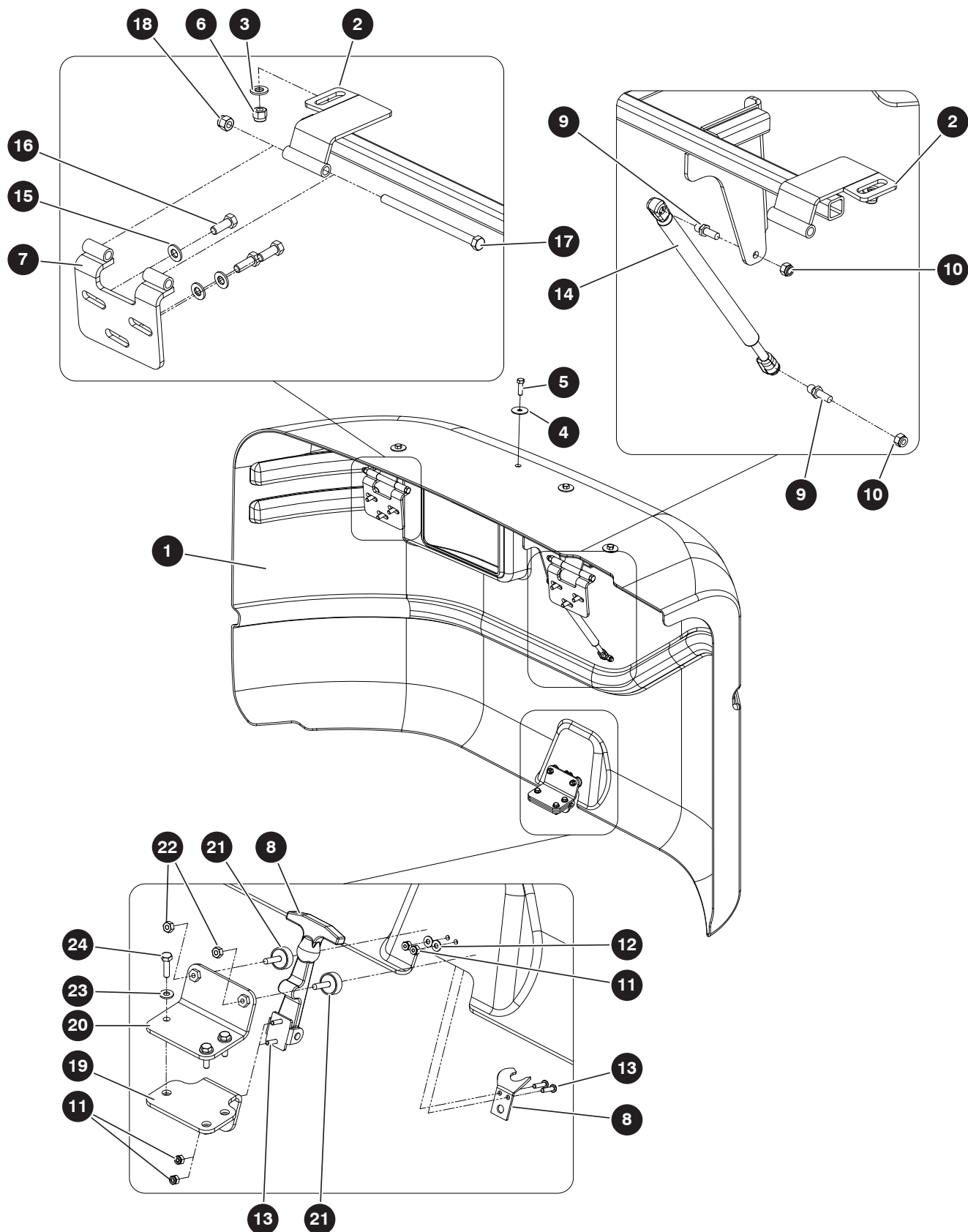
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SJ46AJ, SJ51AJ

4.2 Cowling - Engine Side

Index No.	Skyjack Part No.	Qty.	Description
-	148615	1	COWLING ASSEMBLY, ENGINE SIDE
-	149259	1	• COWLING, Assembly (Engine Side)
1	149261	1	• • COWLING, Shell (Engine Side)
2	160214	1	• • WELDMENT, Cowling frame (Engine Side)
3	152426	2	• • PLATE, Perforated
4	148368	1	• • FOAM, 2" x 2" (#1441FR)
5	125959	4	• • WASHER, Flat hardened (3/8")
6	127067	4	• • WASHER, Flat (3/8" Style BB)
7	101297	2	• • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
8	104606	4	• • NUT, Hex lock (3/8"-16 Grade 5, nylon)
9	103870	2	• • BOLT, Hex head (3/8"-16 x 1 1/2" Grade 5)
10	152416	2	• • WASHER, Rubber (1x 3/7 x 1/8 TK)
11	149360	1	• WELDMENT, Gas spring mount
12	152427	2	• WELDMENT, Hinge lower RHS
13	103980	2	• NUT, Hex head (1/4"-20 Grade 8)
14	138834	4	• SCREW, Round machine (#10-24 x 3/4")
15	104694	2	• WASHER, Flat (#10)
16	126642	4	• NUT, Hex lock (#10-24 Grade 5, nylon)
17	146903	2	• STUD, Ball (10mm)
18	103984	2	• NUT, Hex lock (5/16"-18 Grade 5, nylon)
19	125959	10	• WASHER, Flat hardened (3/8")
20	103473	10	• BOLT, Hex head (3/8"-16 x 1" Grade 5)
21	152431	1	• GAS SPRING, Cowling
22	138736	2	• BOLT, Hex head (3/8"-16 x 6" Grade 5)
23	104606	2	• NUT, Hex lock (3/8"-16 Grade 5, nylon)
24	149333	1	• WELDMENT, Latch mount
25	149334	1	• WELDMENT, Cowling bumper
26	103995	3	• WASHER, Flat (1/4")
27	103857	3	• BOLT, Hex head (1/4"-20 x 1" Grade 5)
28	144002	1	• LATCH, Flexible draw
29	144015	2	• MOUNT, Anti-vibration

4.3 Cowling - Controls Side



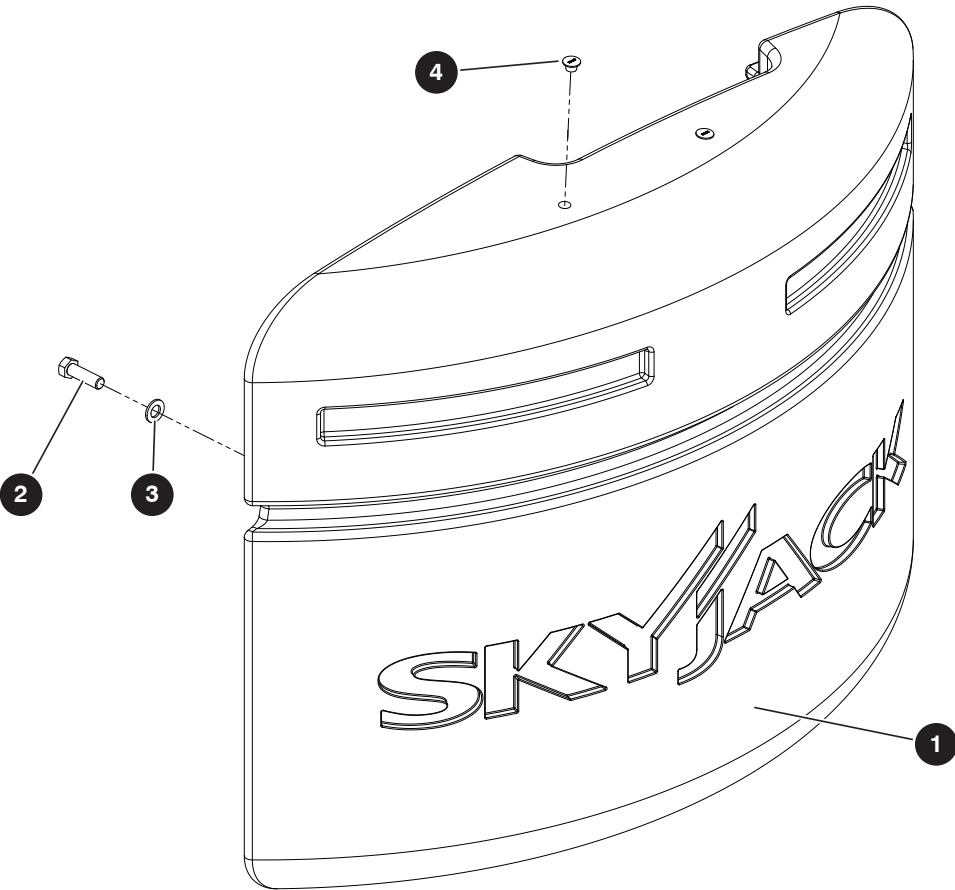
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4.3 Cowling - Controls Side

Index No.	Skyjack Part No.	Qty.	Description
-	148614	1	COWLING ASSEMBLY, CONTROLS SIDE
-	149260	1	• COWLING, Assembly (Controls Side)
1	149262	1	• • COWLING, Shell (Controls Side)
2	160204	1	• • WELDMENT, Cowling frame (Controls Side)
3	125959	4	• • WASHER, Flat hardened (3/8")
4	127067	4	• • WASHER, Flat (3/8" Style BB)
5	101297	4	• • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
6	104606	4	• • NUT, Hex lock (3/8"-16 Grade 5, nylon)
7	149483	2	• WELDMENT, Hinge lower LHS
8	144002	1	• LATCH, Flexible draw
9	146903	2	• STUD, Ball (10mm)
10	103984	2	• NUT, Hex lock (5/16"-18 Grade 5, nylon)
11	126642	4	• NUT, Hex lock (#10-24 Grade 5, nylon)
12	104694	2	• WASHER, Flat (#10)
13	138834	4	• SCREW, Round machine (#10-24 x 3/4")
14	152431	1	• GAS SPRING, Cowling
15	125959	6	• WASHER, Flat hardened (3/8")
16	103473	6	• BOLT, Hex head (3/8"-16 x 1" Grade 5)
17	138736	2	• BOLT, Hex head (3/8"-16 x 6" Grade 5)
18	104606	2	• NUT, Hex lock (3/8"-16 Grade 5, nylon)
19	149333	1	• WELDMENT, Latch mount
20	149334	1	• WELDMENT, Cowling bumper
21	144015	2	• MOUNT, Anti-vibration
22	103980	2	• NUT, Hex head (1/4"-20 Grade 8)
23	103995	3	• WASHER, Flat (1/4")
24	103857	3	• BOLT, Hex head (1/4"-20 x 1" Grade 5)

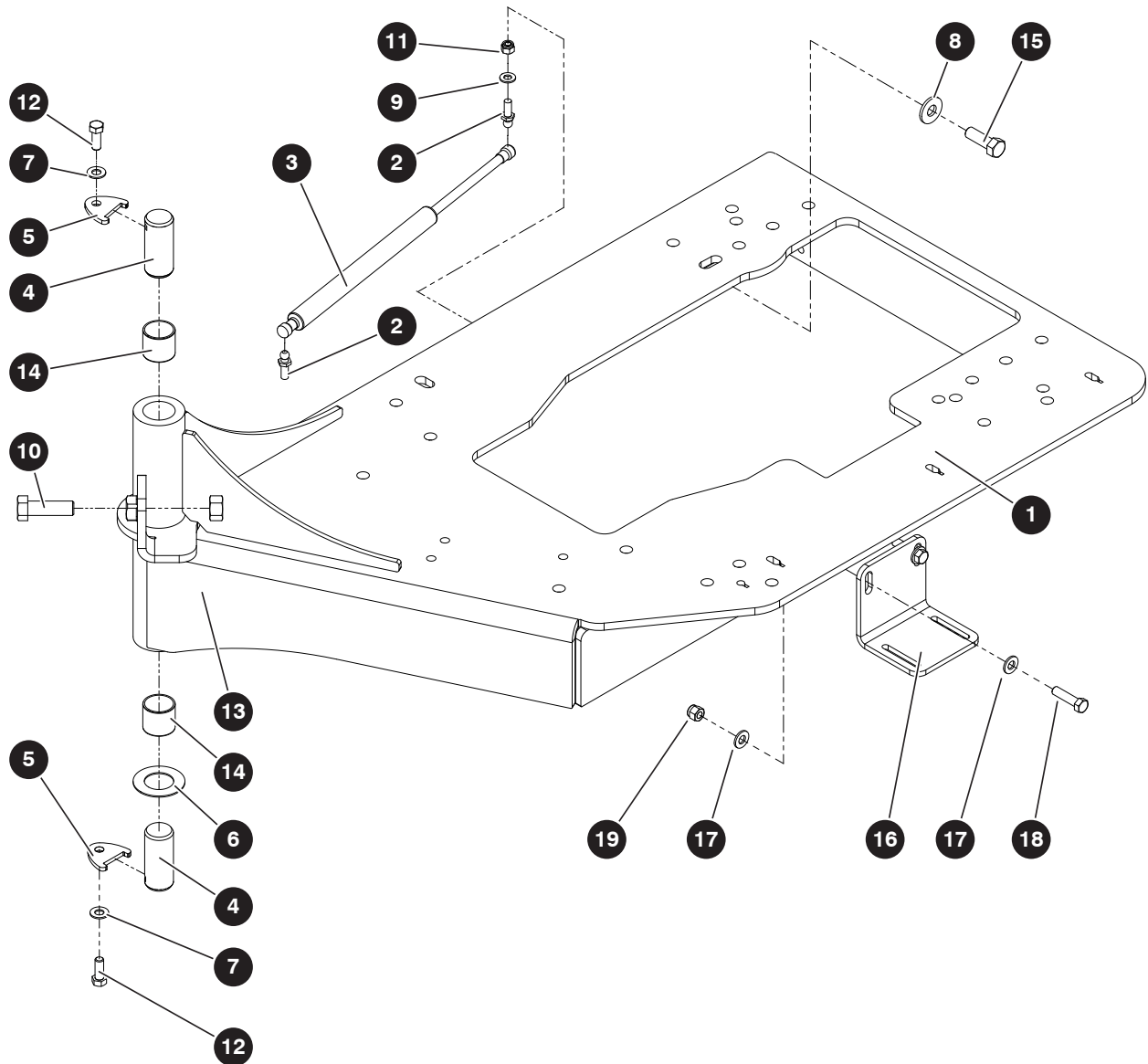
4.4 Counterweight



M169113AA

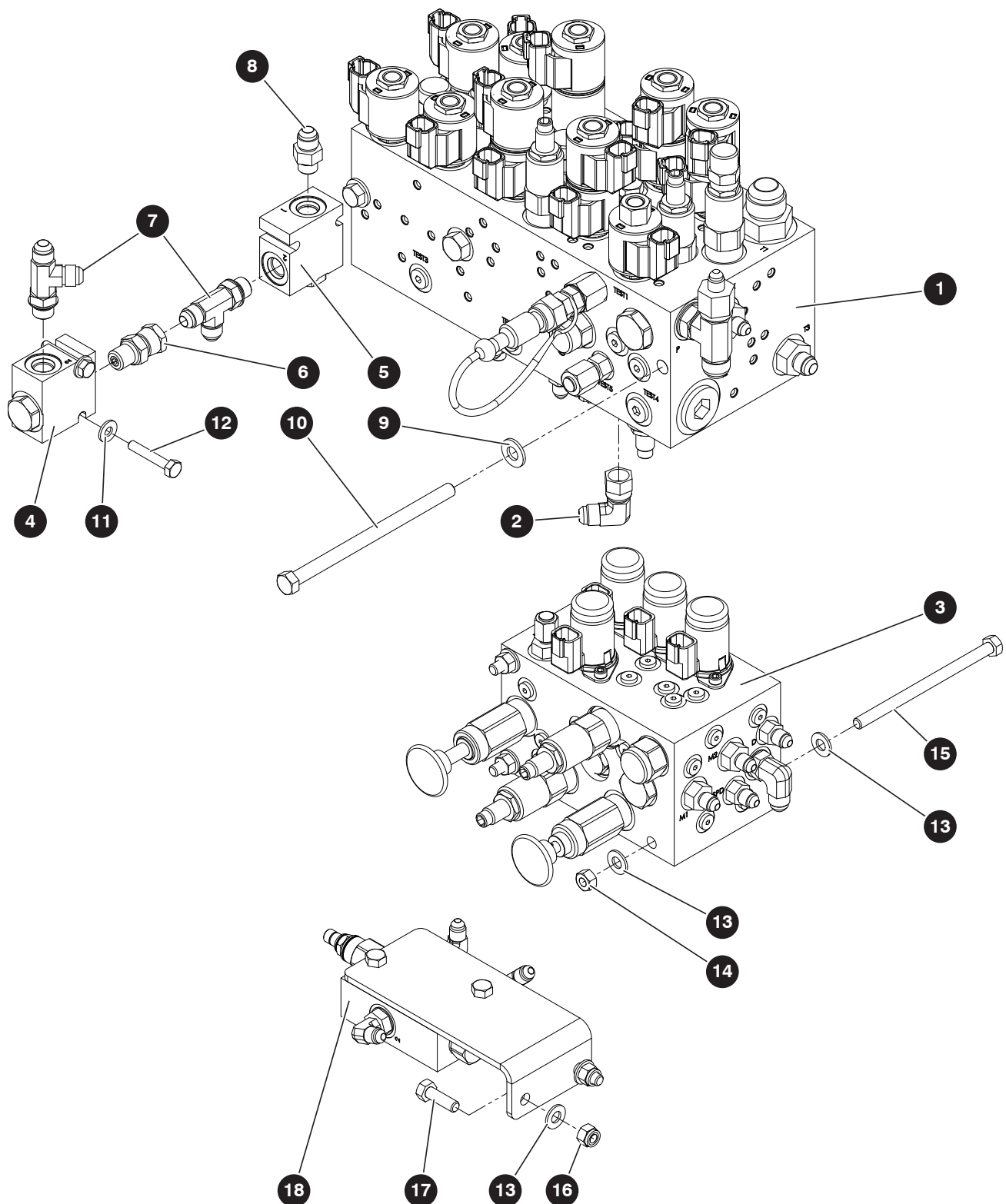
Index No.	Skyjack Part No.	Qty.	Description
A	164676	1	COUNTERWEIGHT ASSEMBLY - SJ46AJ ANSI/CSA & AS
B	169113	1	COUNTERWEIGHT ASSEMBLY - SJ46AJ CE
C	169116	1	COUNTERWEIGHT ASSEMBLY - SJ51AJ CE & AS
1	164678	1	• COUNTERWEIGHT A
	169115	1	• COUNTERWEIGHT B
	169118	1	• COUNTERWEIGHT C
2	139151	4	• BOLT, Hex head (3/4"-10 x 2 1/2" Grade 8)
3	702194	4	• WASHER, Flat hardened (3/4")
4	144105	2	• PLUG, Threaded hole (3/4")

 **Notes**



Index No.	Skyjack Part No.	Qty.	Description
-	162286	1	ENGINE TRAY ASSEMBLY
1	226317	1	• ENGINE TRAY WELDMENT
2	146903	2	• STUD, Ball (10mm)
3	146902	1	• GAS SPRING
4	162319	2	• PIN, Pivot (1.25" OD x 2.875")
5	162321	2	• PLATE, Pin lock (1.25" OD x 0.188")
6	121703	1	• WASHER, Thrust - fiberglide
7	103472	2	• WASHER, Flat (3/8")
8	104379	1	• WASHER, Flat (0.50" hard)
9	103996	1	• WASHER, Flat (5/16")
10	103897	1	• BOLT, Hex head (5/8"-16 x 2.00" Grade 5)
11	103984	1	• NUT, Hex head nylon lock (5/16"-18 Grade 5)
12	103473	2	• BOLT, Hex head (3/8"-16 x 1.00" Grade 5)
13	103981	1	• NUT, Hex head (5/8"-11 Grade 5)
14	100071	2	• BUSHING, Fiberglide
15	103907	1	• BOLT, Hex head (0.50"-13 x 1.50" Grade 5)
16	169579	1	• BRACKET, Cowling mount
17	125959	4	• WASHER, Flat hardened (3/8")
18	103870	2	• BOLT, Hex head (3/8"-16 x 1.50" Grade 5)
19	104606	2	• NUT, Hex head (3/8"-16 Grade 5)

4.6 Manifold Hardware



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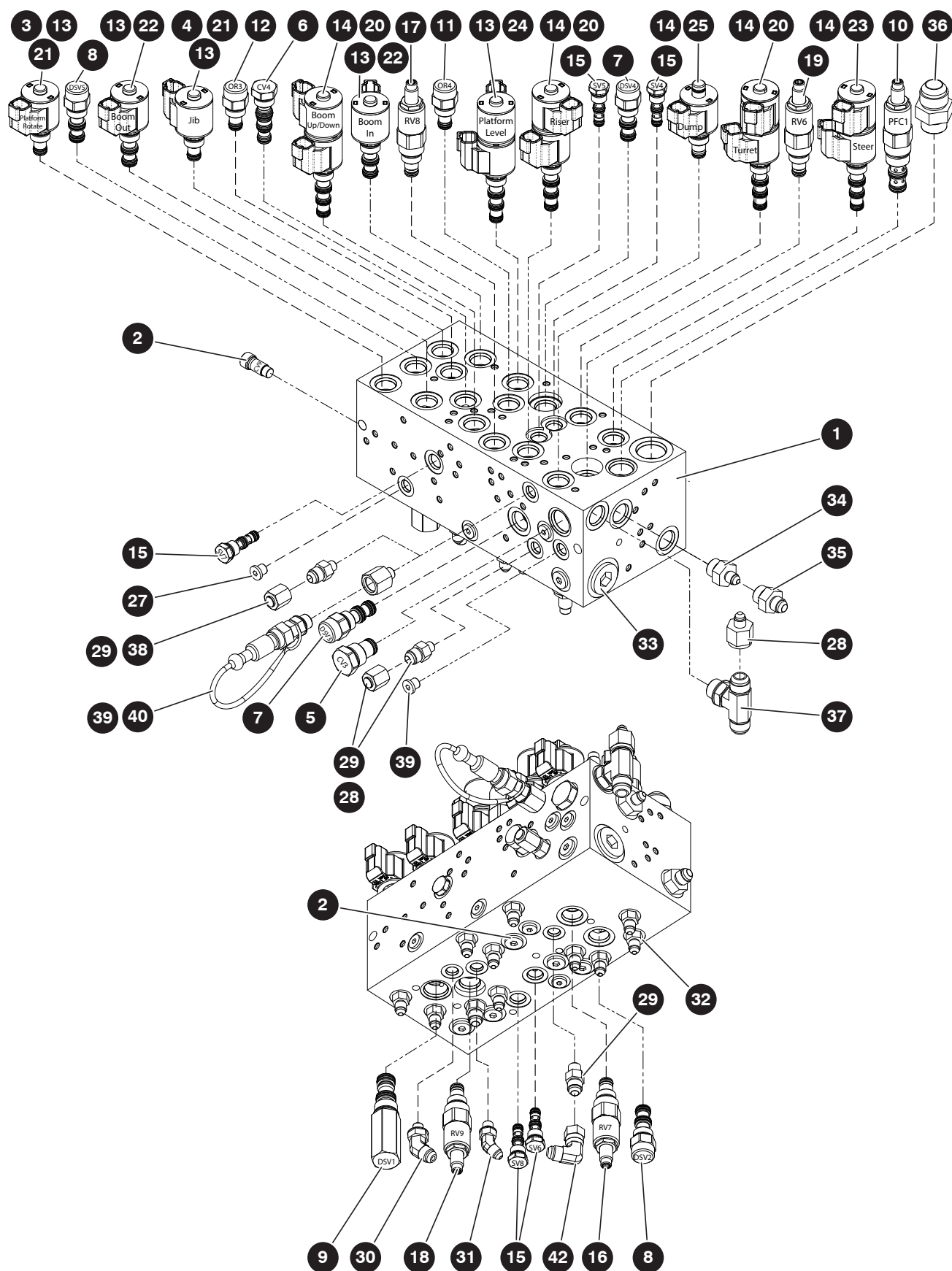
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4.6 Manifold Hardware

Index No.	Skyjack Part No.	Qty.	Description
-	167490	1	MANIFOLD ASSEMBLY WITH HARDWARE - ANSI/CSA
-	167570	1	MANIFOLD ASSEMBLY WITH HARDWARE - CE & AS
1	(Ref.)	1	MAIN MANIFOLD (For components, refer to 4.7 Main Manifold)
2	702761	1	FITTING, Elbow 90° swivel (06 JICM - 06 JICF)
3	(Ref.)	1	BRAKE MANIFOLD (For components, refer to 4.8 Brake Manifold (S/N 95 001 717 and above)) (For components, refer to 4.9 Brake Manifold (S/N 95 001 716 and below))
4	163182	1	VALVE ASSEMBLY, Check
	166075	1	BLOCK, Check Valve
	159815	1	VALVE, Check
5	163183	1	VALVE ASSEMBLY, Check
	166075	1	BLOCK, Check Valve
	166066	1	VALVE, Check
6	228312	1	FITTING, Straight (06JIC-06ORBM, 0.67 orifice)
7	114581	2	FITTING, Tee (06 JICM - 06 ORBM - 06 JICM)
8	103069	1	FITTING, Straight (06 JICM - 06 ORBM)
9	125959	2	WASHER, Flat hardened (3/8")
10	138736	2	BOLT, Hex head (0.375"-16 x 6.00 gr 5)
11	103995	2	WASHER, Flat (1/4")
12	103859	2	BOLT, Hex head (1/4"-20 x 1.50" Grade 5)
13	103996	8	WASHER, Flat (5/16")
14	100397	3	NUT, Hex head (5/16"-18, Grade 5)
15	138762	3	BOLT, Hex head (5/16"-18 x 5.00", Grade 5)
16	103984	2	NUT, Hex head nylon lock (5/16"-18, Grade 5)
17	103864	2	BOLT, Hex head (5/16"-18 x 1.00", Grade 5)
18	(Ref.)	1	PRESSURE REDUCING MANIFOLD (For components, refer to 4.10 Pressure Reducing Manifold)

4.7 Main Manifold

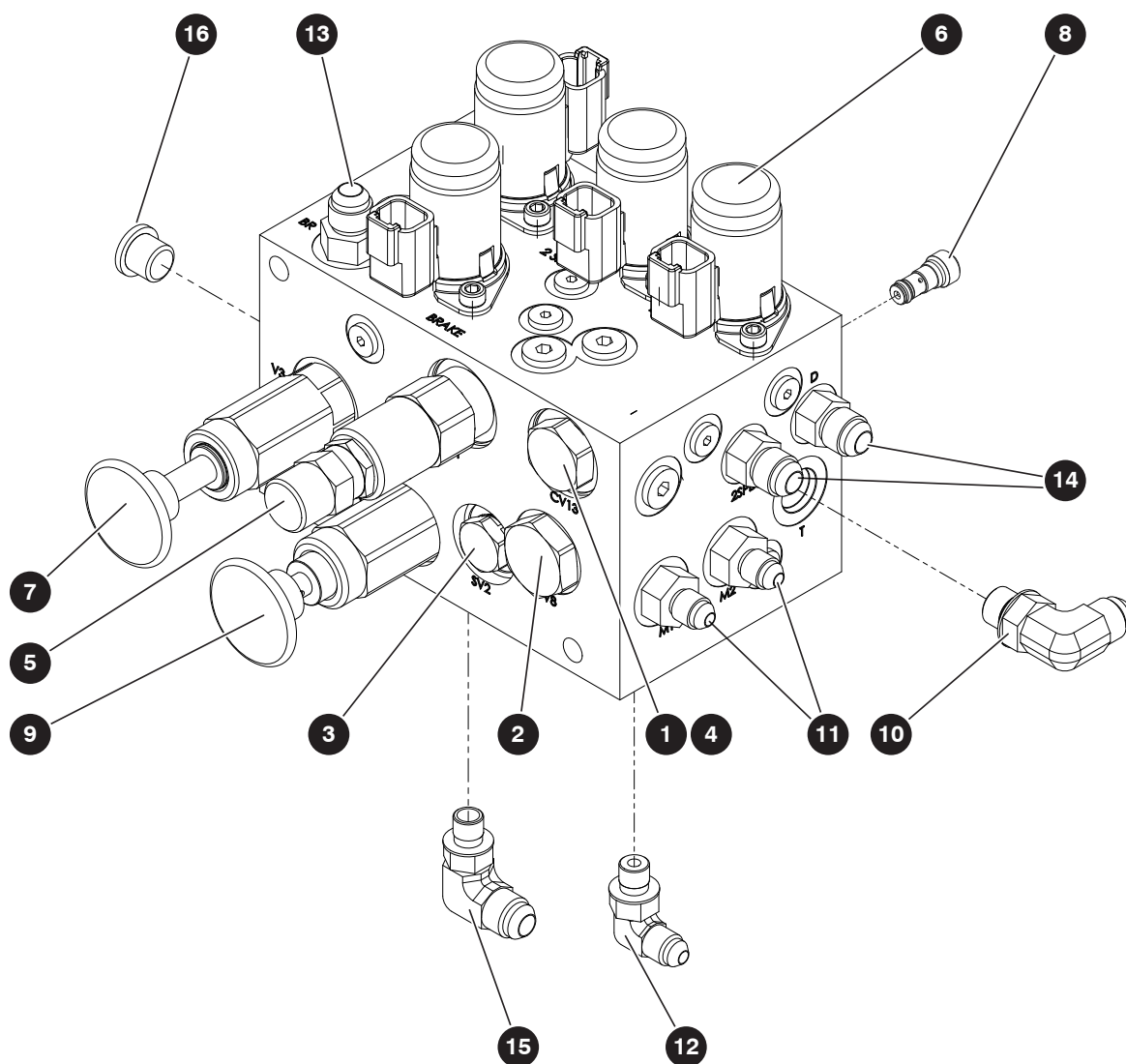


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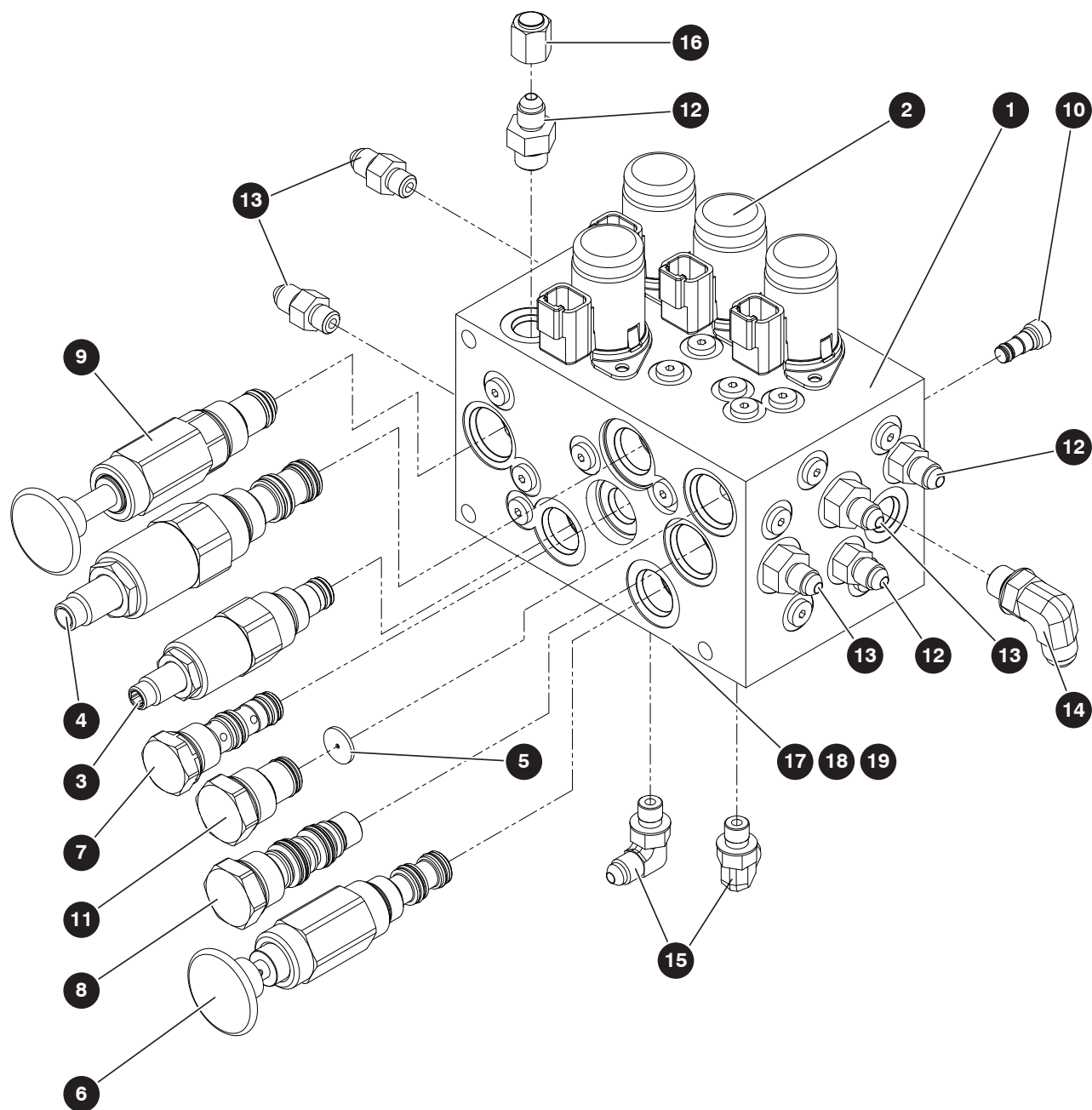
Index No.	Skyjack Part No.	Qty.	Description
A	220509	1	MAIN MANIFOLD ASSEMBLY - ANSI/CSA
B	220507	1	MAIN MANIFOLD ASSEMBLY - CE & AS
-	167494	1	• MAIN MANIFOLD ASSEMBLY, A
-	167897	1	• MAIN MANIFOLD ASSEMBLY, B
-	162495	1	• • MANIFOLD ASSEMBLY, Main
1	166070	1	• • • BLOCK, Manifold
2	166067	6	• • • VALVE, Check
3	166080	1	• • • ORIFICE, Plug (0.038")
4	166078	1	• • • ORIFICE, Plug (0.058")
5	166064	1	• • • VALVE, Check
6	159817	1	• • • VALVE, Check (Pilot operated)
7	166063	2	• • • COMPENSATOR, Pressure
8	166062	2	• • • COMPENSATOR, Pressure
9	166059	1	• • • COMPENSATOR, Pressure
10	166055	1	• • • REGULATOR, Pressure
11	166057	1	• • • REGULATOR, Pressure
12	166056	1	• • • REGULATOR, Pressure
13	159821	6	• • • COIL, 12 VDC
14	159819	9	• • • COIL, 12 VDC
15	166054	5	• • • VALVE, Shuttle
16	168975	1	• • • VALVE, Relief
17	159809	1	• • • VALVE, Relief
18	166044	1	• • • VALVE, Differential relief
19	166043	1	• • • VALVE, Differential relief
20	166041	3	• • • VALVE, Spool (3 position 4 way)
21	166038	2	• • • VALVE, Spool (2 way)
22	166037	2	• • • VALVE, Spool (3 way)
23	158186	1	• • • VALVE, Spool (3 position 4 way)
24	166036	1	• • • VALVE, Spool (3 position 4 way)
25	166039	1	• • • VALVE, Spool (2 way)
27	121250	3	• • PLUG, Hex socket (04 ORBM)
28	706812	1	• • FITTING, Straight (08 JICF - 04 JICM)
29	128869	4	• • FITTING, Straight (06 JICM - 06 ORBM), A
	128869	3	• • FITTING, Straight (06 JICM - 06 ORBM), B
30	701478	1	• • FITTING, Elbow 45° (06 JICM - 04 ORBM)
31	131716	1	• • FITTING, Elbow 45° (04 JICM - 04 ORBM)
32	126128	10	• • FITTING, Straight (04 JICM - 04 ORBM)
33	111392	1	• • PLUG, Hex socket (12 ORBM)
34	131705	1	• • FITTING, Straight (08 ORBM - 04 JICM)
35	103070	1	• • FITTING, Straight (06 JICM - 08 ORBM)
	702796	1	• • PLUG, Hex socket (08 ORBM)
36	702118	1	• • FITTING, Straight (12 JICM - 12 ORBM)
37	135061	1	• • FITTING, Tee (08 JICM - 08 JICM - 08 ORBM)
38	107666	2	• • FITTING, Cap (06 JICF), A
		1	• • FITTING, Cap (06 JICF), B
39	147553	1	• • FITTING, Straight (04 ORBM - 06 ORBF), B
40	122420	1	• • QUICK DISCONNECT ASSEMBLY, B
41	702761	1	• FITTING, Elbow 90° (06 JICM - 06 JICFSW)



4.8 Brake Manifold (S/N 95 001 717 and above)

Index No.	Skyjack Part No.	Qty.	Description
-	195803	-	BRAKE MANIFOLD ASSEMBLY - <i>serial number 95 001 717 and above</i>
-	168642	1	• MANIFOLD, Brake
1	171413	1	• • VALVE, Check
2	166053	1	• • VALVE, Shuttle
3	166054	1	• • VALVE, Shuttle
4	171420	1	• • ORIFICE, Disc (0.073")
5	168754	1	• • VALVE, Pressure reducer
6	159827	4	• • VALVE, Solenoid
7	159831	1	• • PUMP, Hand
8	141414	1	• • VALVE, Shuttle
9	141436	1	• • VALVE, Brake release override
10	114578	1	• FITTING, 90° elbow (06 JICM - 06 ORBM)
11	701956	2	• FITTING, Straight (04 JICM - 06 ORBM)
12	125883	1	• FITTING, 90° elbow (04 JICM - 04 ORBM)
13	103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
14	128869	2	• FITTING, Straight (06 JICM - 04 ORBM)
15	113348	1	• FITTING, 90° elbow (06 JICM - 04 ORBM)
16	121250	1	• FITTING, Plug (04 ORB hex socket)

4.9 Brake Manifold (S/N 95 001 716 and below)



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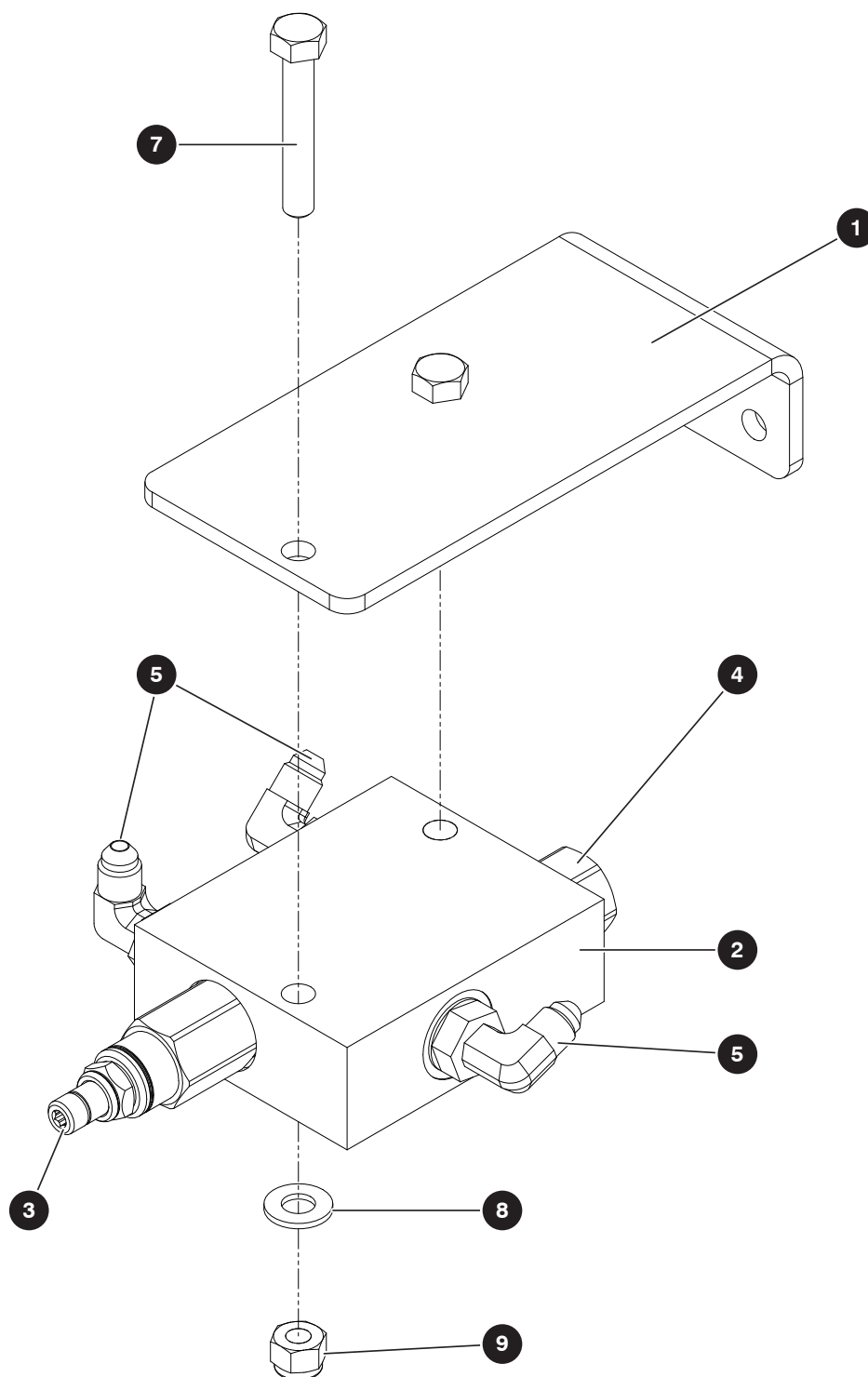
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4.9 Brake Manifold (S/N 95 001 716 and below)

Index No.	Skyjack Part No.	Qty.	Description
-	167495	1	BRAKE MANIFOLD ASSEMBLY - <i>serial number 95 001 716 and below</i>
-	162496	1	• MANIFOLD ASSEMBLY, Brake
1	166072	1	• • BLOCK, Manifold
2	159827	4	• • VALVE, Solenoid (2 position 3 way)
3	166046	1	• • VALVE, Relief
4	166051	1	• • VALVE, Pressure Reducing
5	166073	1	• • ORIFICE, Disc
6	141436	1	• • VALVE, Brake release override
7	166054	1	• • VALVE, Load shuttle
8	166053	1	• • VALVE, Low side shuttle
9	159831	1	• • PUMP, Hand
10	141414	1	• • VALVE, Shuttle
11	166065	1	• • VALVE, Check
12	701956	3	• FITTING, Straight (04 JICM - 06 ORBM)
13	126128	4	• FITTING, Straight (04 JICM - 04 ORBM)
14	114578	1	• FITTING, Elbow, 90° (06 JICM - 06 ORBM)
15	125883	2	• FITTING, Elbow, 90° (04 JICM - 04 ORBM)
16	131286	1	• CAP (04 JICF)

4.10 Pressure Reducing Manifold



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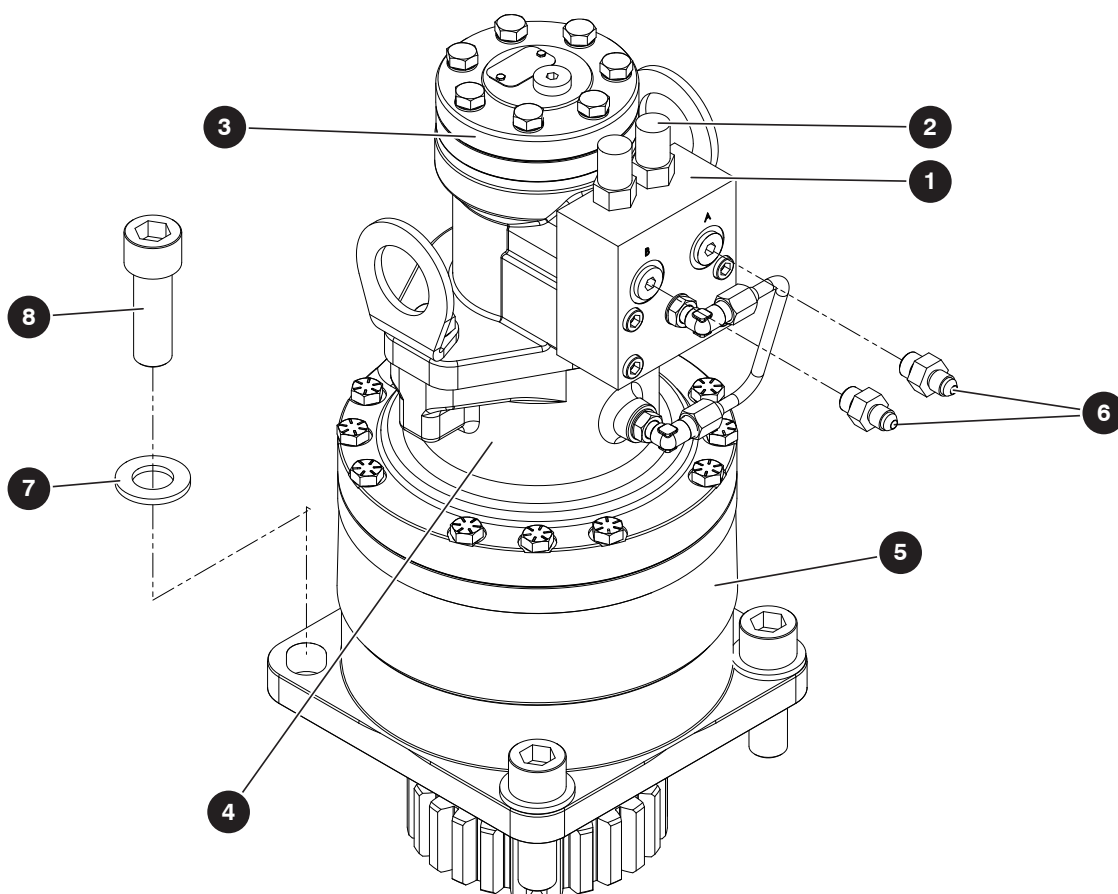
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4.10 Pressure Reducing Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	168993	1	PRESSURE REDUCING VALVE - <i>serial number 95 001 716 and below</i>
1	168536	1	• BRACKET
-	168994	1	• PRESSURE REDUCING MANIFOLD ASSEMBLY
-	168158	1	• • MANIFOLD, Pressure Reducing
2	138241	1	• • • BLOCK, Manifold
3	168242	1	• • • VALVE, Relief
4	168243	1	• • • VALVE, Check
5	129127	3	• • FITTING, Elbow 90° (04 JICM - 06 ORBM)
6	144628	1	• • FITTING, Hex head plug (04 NPTM brass)
7	103865	2	• BOLT, Hex head (5/16"-18 x 2.00" Grade 5)
8	103984	2	• WASHER, Flat (5/16")
9	103996	2	• NUT, Hex head nylon lock (5/16"-18, Grade 5)

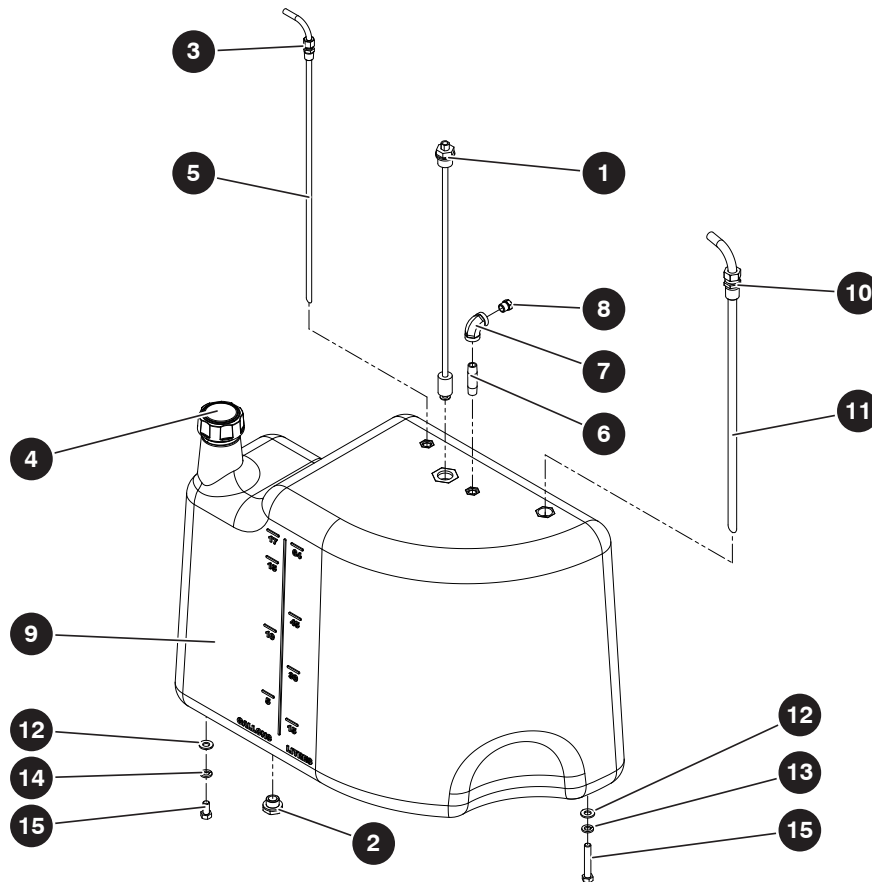
4.11 Swing Drive



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Index No.	Skyjack Part No.	Qty.	Description
-	167206	1	SWING DRIVE ASSEMBLY - S/N 95 002 908 & below
-	167207	1	• SWING DRIVE, Turret rotate
1	154660	1	• • MANIFOLD, Swing drive
2	141499	2	• • • VALVE, Counterbalance
3	168872	1	• • MOTOR, Hydraulic
4	168873	1	• • BRAKE, Hydraulic
5	146006	1	• • GEAR, Reduction
6	701956	2	• FITTING, Straight (04 JICM - 06 ORBM)
7	702194	4	• WASHER, Flat hardened (3/4")
8	149247	4	• BOLT, Socket head cap screw (3/4"-10 x 2.25")
K1	168875	1	SEAL KIT, Main shaft & ring gear
K2	168874	1	SEAL KIT, Brake

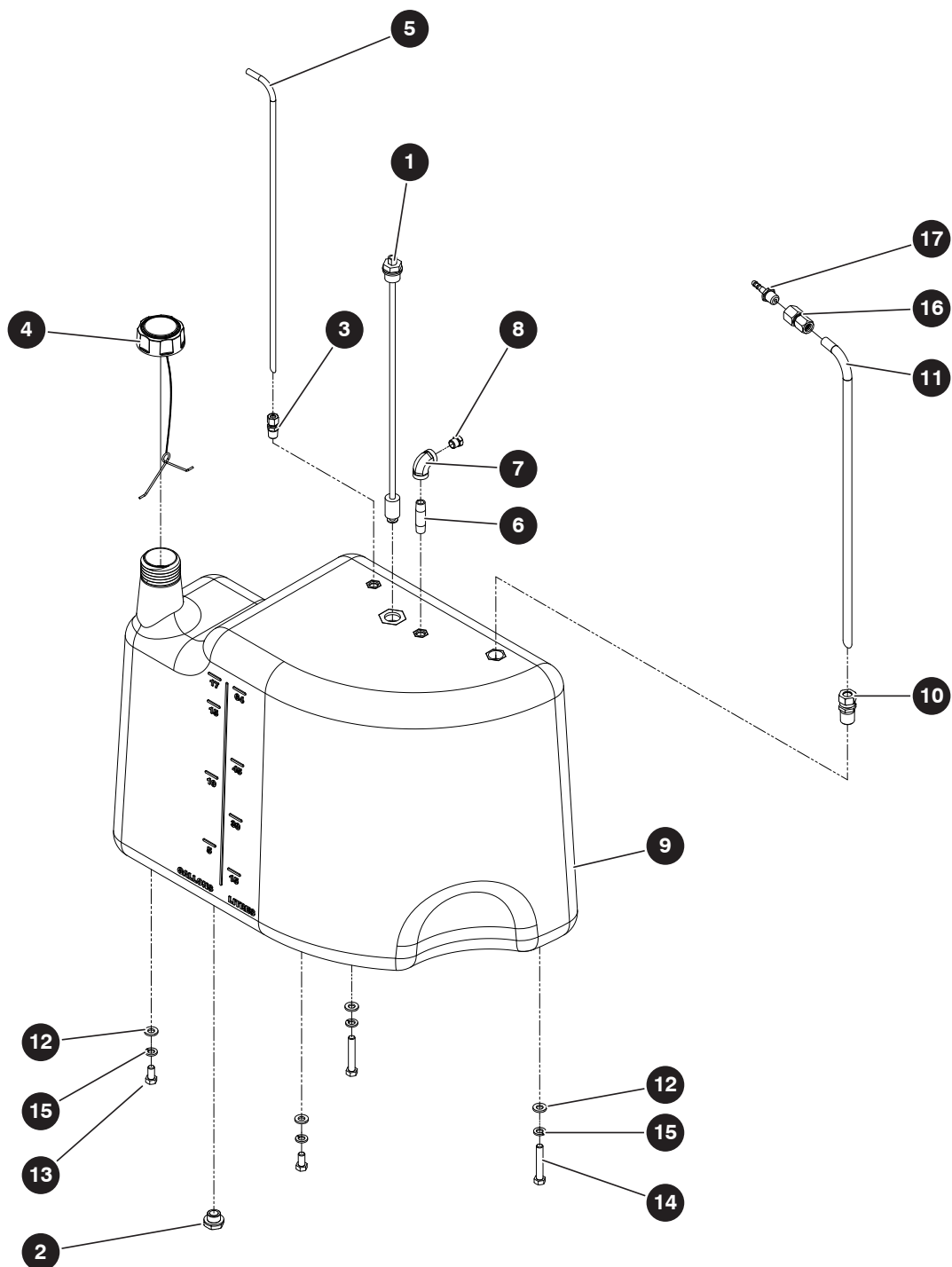
4.12 Fuel Tank - Deutz D2.9L & Perkins 2.2T



M165004AA

Index No.	Skyjack Part No.	Qty.	Description
-	165004	1	FUEL TANK ASSEMBLY - Deutz D2.9L & Perkins 2.2T
-	210465	1	• TANK ASSEMBLY - Diesel
1	138230	1	• • SWITCH, Fuel level
2	137629	1	• • FITTING, Plug hollow hex (10 ORB)
3	103155	1	• • FITTING, Brass tank (1/4" NPT)
4	144410	1	• • CAP, Fuel
5	138491	1	• • TUBE, Fuel send/return
6	143478	1	• • FITTING, Nipple (1/4" NPT x 2" brass)
7	144325	1	• • FITTING, 90° (1/4" NPTF x 1/4" NPTF brass)
8	116408	1	• • VENT, breather (1/4" NPT)
9	210466	1	• • TANK, Moulded, diesel
10	164674	1	• • FITTING, Tube compression (1/2" OD x 1/2" NPT)
11	164673	1	• • TUBE, Fuel section
12	125959	4	• WASHER, Flat (3/8")
13	103872	2	• BOLT, Hex head (3/8"-16 x 2.25", grade 5)
14	101632	2	• BOLT, Hex head (3/8"-16 x 0.75", grade 5)
15	103999	4	• WASHER, Lock (3/8")

4.13 Fuel Tank - Deutz D2011

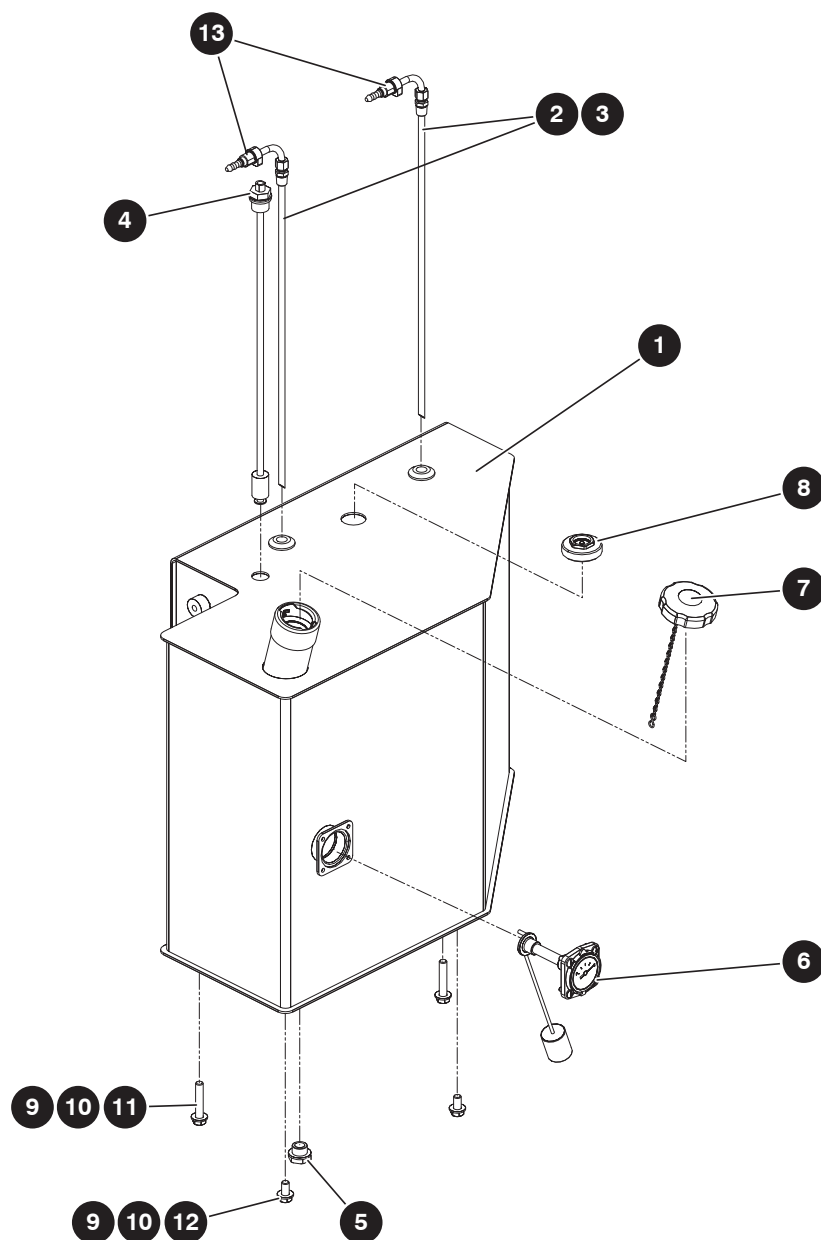


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Index No.	Skyjack Part No.	Qty.	Description
-	148660	1	FUEL TANK ASSEMBLY - Deutz D2011 engine
-	210465	1	• TANK ASSEMBLY, Diesel
1	138230	1	• • SWITCH, Fuel level
2	137629	1	• • FITTING, Plug hollow hex (10 ORB)
3	103155	1	• • FITTING, Brass tank (#T68-5B)
4	144410	1	• • CAP, Fuel (non EPA)
5	138491	1	• • TUBE, Fuel send/return
6	143478	1	• • FITTING, Nipple (brass, 1/4 NPT x 2")
7	144325	1	• • FITTING, Elbow 90° (brass, 1/4 NPTF x 1/4 NPTF)
8	116408	1	• • VENT, Breather (1/4 NPT)
9	210466	1	• • TANK, Fuel
10	164674	1	• • FITTING, Tube Compression (1/2" OD x 1/2" NPT)
11	164673	1	• • TUBE, Fuel suction
12	125959	4	• WASHER, Flat (3/8")
13	101632	2	• BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
14	103872	2	• BOLT, Hex head (3/8"-16 x 2 1/4" Grade 5)
15	103999	4	• WASHER, Lock (3/8")
16	165716	1	• FITTING, Straight (08 BT - 06 FP)
17	165719	1	• FITTING, Hose barb



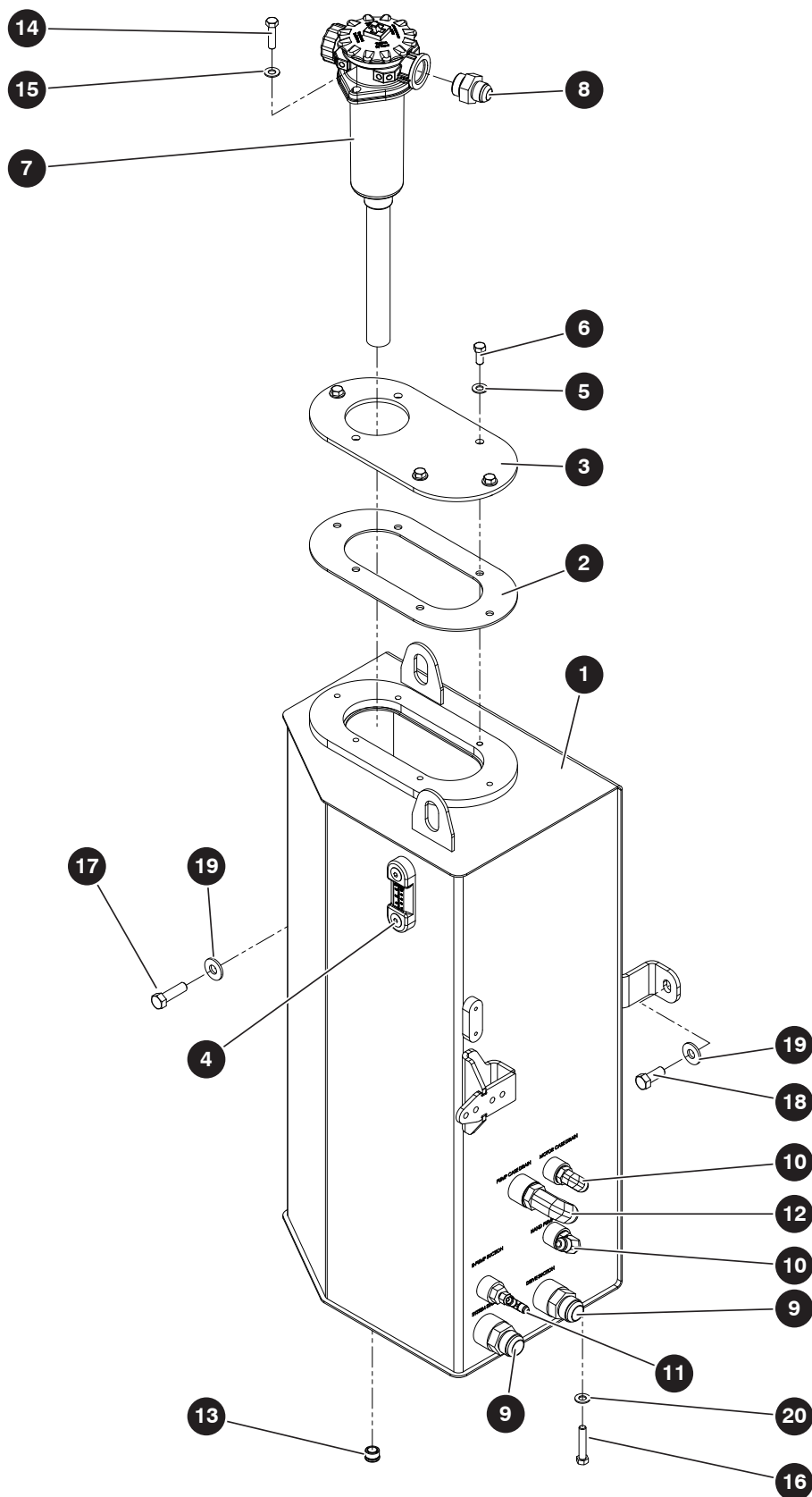
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4.14 Fuel Tank - GM & Kubota

Index No.	Skyjack Part No.	Qty.	Description
-	148676	1	FUEL TANK ASSEMBLY - GM & Kubota WG2503 engine
-	149069	1	• FUEL TANK ASSEMBLY (Gasoline, steel)
1	149070	1	• • TANK, Fuel (steel)
2	103155	2	• • FITTING, Brass tank (#T68-5B)
3	144338	2	• • TUBE, Fuel send/return
4	138230	1	• • SWITCH, Fuel level
5	117701	1	• • PLUG (3/4"-16UNF with magnet)
6	144393	1	• • GAUGE, Level
7	136369	1	• • CAP, Fuel (filler non-vented)
8	144392	1	• • VALVE, Dual action
9	125959	4	• WASHER, Flat (3/8")
10	103999	4	• WASHER, Lock (3/8")
11	103596	2	• BOLT, Hex head (3/8"-16 x 2" Grade 5)
12	101632	2	• BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
13	142397	2	FITTING, Quick disconnect (straight)



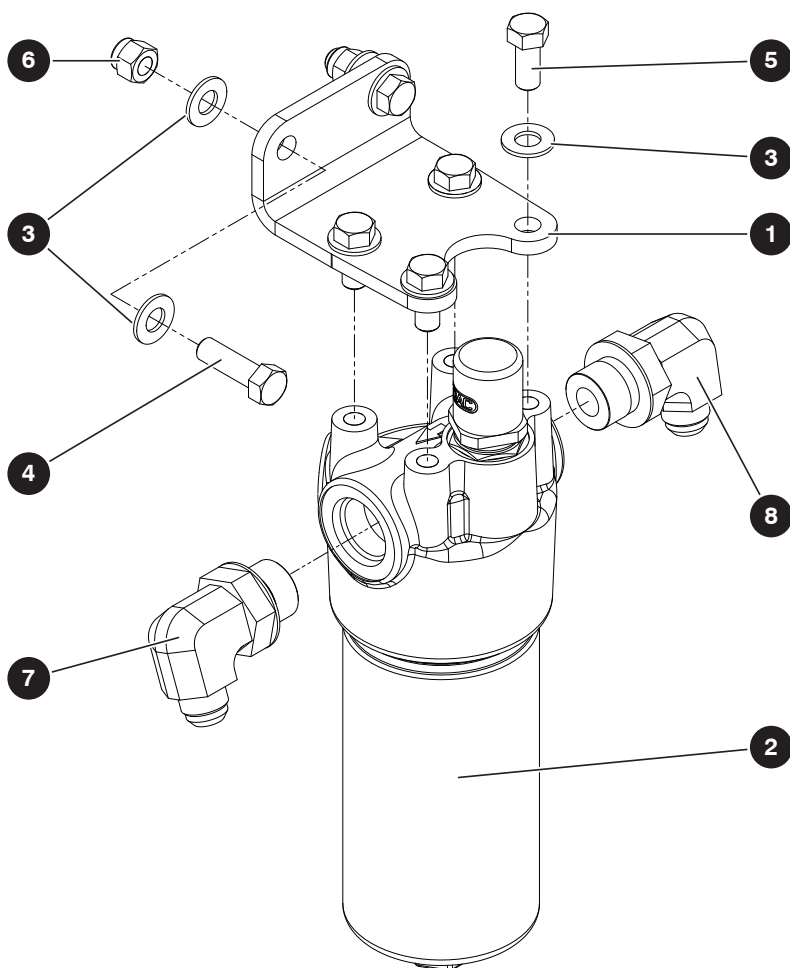
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Index No.	Skyjack Part No.	Qty.	Description
-	162287	1	HYDRAULIC TANK
-	209553	1	• HYDRAULIC TANK ASSEMBLY with fittings
-	162322	1	• • HYDRAULIC TANK ASSEMBLY
1	162323	1	• • • TANK WELDMENT, Hydraulic
2	152393	1	• • • GASKET, Hydraulic tank
3	152392	1	• • • COVER, Hydraulic tank
4	103236	1	• • • INDICATOR, Level
5	103472	4	• • • WASHER, Flat hardened (3/8")
6	300437	4	• • • BOLT, Hex head (3/8"-16 x 0.875" Grade 5)
7	161934	1	• • FILTER ASSEMBLY, Return
	161949	1	• • • ELEMENT, Return filter
	168869	1	• • • ELEMENT, Breather
	168870	1	• • • LID, Return filter
	168871	1	• • • CAP, Air element
8	702122	1	• • FITTING, Straight (12 JICM - 16 ORBM)
9	138667	2	• • FITTING, Straight (16 JICM - 16 ORBM)
10	114583	2	• • FITTING, Elbow 90° (08 JICM - 08 ORBM)
11	103070	1	• • FITTING, Straight (06 JICM - 08 ORBM)
12	139207	1	• • FITTING, Elbow 90° long (12 JICM - 12 ORBM)
13	143980	1	• • FITTING, Plug - magnetic (08 ORBM)
14	103870	2	• • BOLT, Hex head (3/8"-16 x 1 1/2" Grade 5)
15	103472	2	• • WASHER, Flat (3/8")
16	103596	2	• BOLT, Hex head (3/8"-16 x 2" Grade 5)
17	103907	1	• BOLT, Hex head (1/2"-13 x 1-1/2" Grade 8)
18	103909	1	• BOLT, Hex head (1/2"-13 x 1-1/4" Grade 8)
19	104379	2	• WASHER, Flat (1/2" hard)
20	103472	2	• WASHER, Flat (3/8")

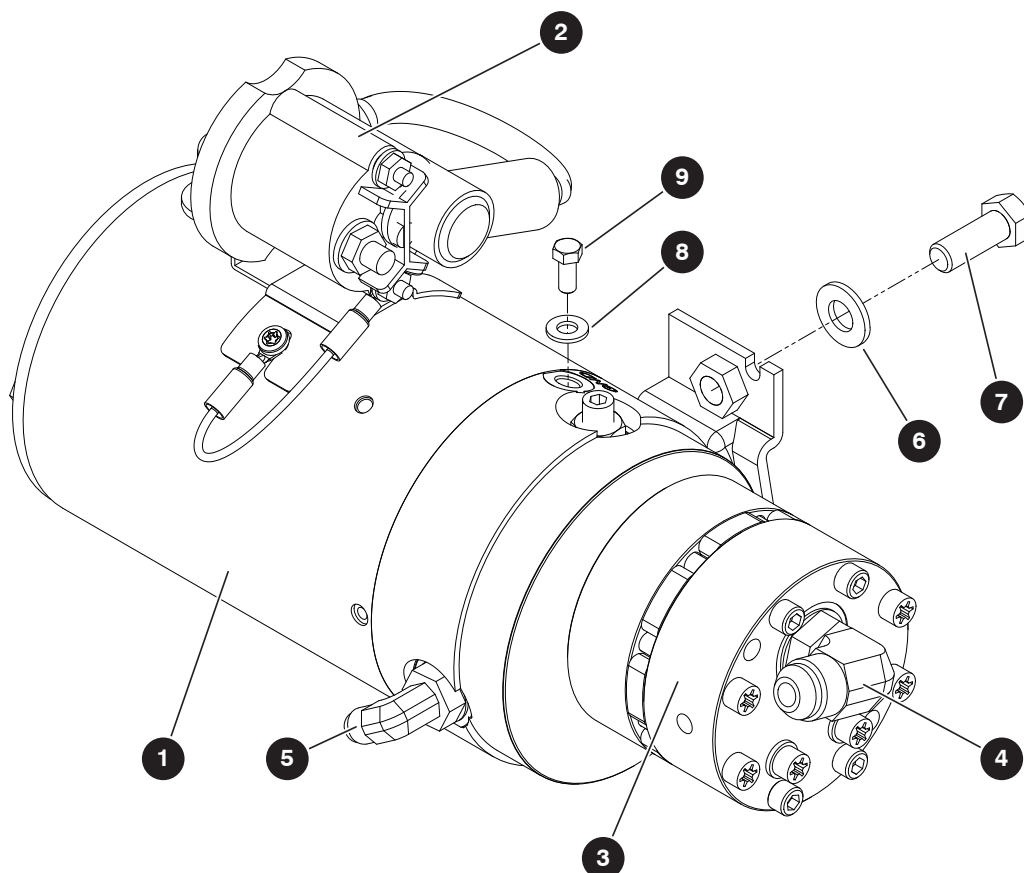
4.16 High Pressure Filter

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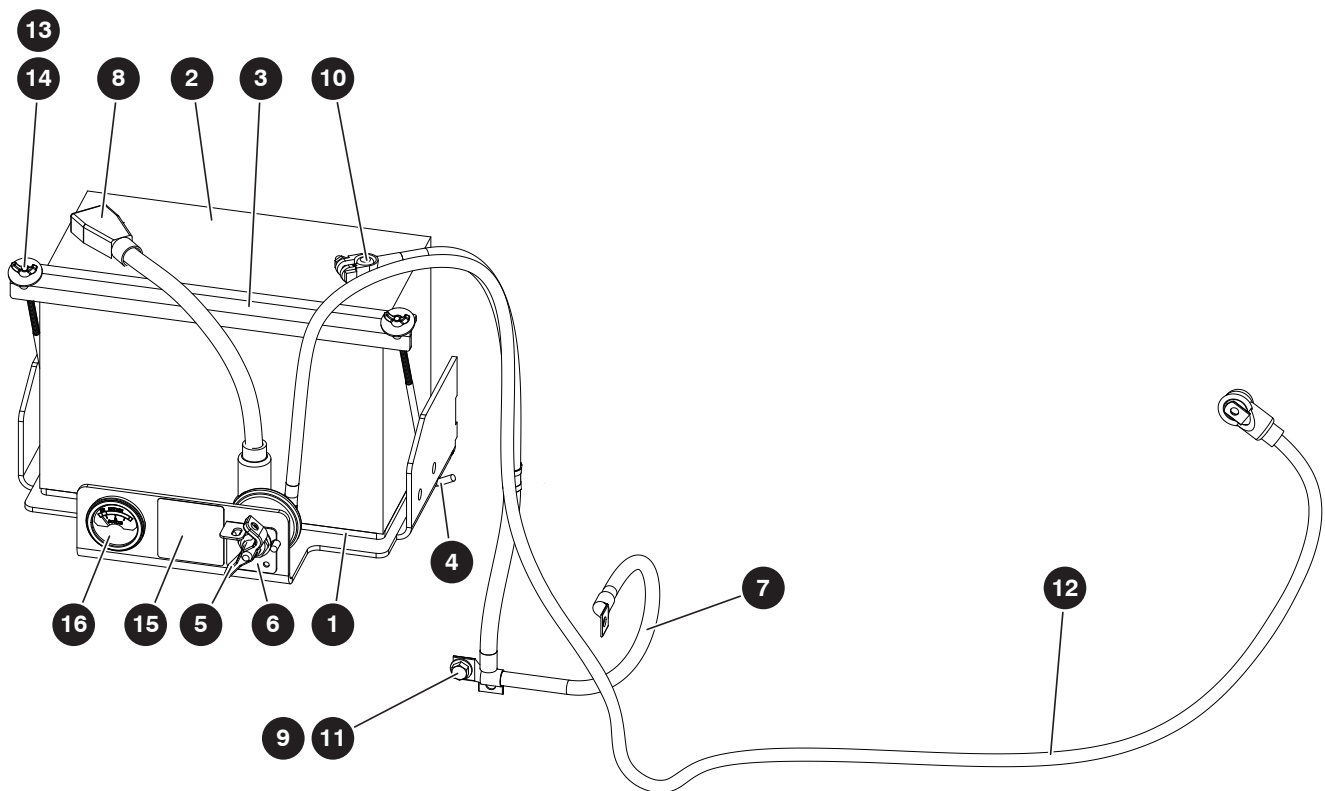
Index No.	Skyjack Part No.	Qty.	Description
-	162288	-	HIGH PRESSURE FILTER ASSEMBLY
1	162327	1	• BRACKET, High pressure filter
2	161932	1	• FILTER ASSEMBLY, High pressure
	161947	1	• • ELEMENT, High pressure filter
	169246	1	• • PLUG, Indicator with seals
	204202	1	• • O-RING
	204203	1	• • O-RING, Backup
3	103472	8	• WASHER, Flat (3/8")
4	101297	2	• BOLT, Hex head (3/8"-16 x 1.25" Grade 5)
5	300437	4	• BOLT, Hex head (3/8"-16 x 0.875" Grade 5)
6	104606	2	• NUT, Hex head nylon lock (3/8"-16 Grade 5)
7	112366	1	FITTING, Elbow 90° (08 JICM - 12 ORBM) <i>(no oil cooler option)</i>
8	138981	1	FITTING, Elbow 90° (10 JICM - 12 ORBM) <i>(no oil cooler option)</i>



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Index No.	Skyjack Part No.	Qty.	Description
-	167489	1	AUXILIARY PUMP
-	220500	1	• AUXILIARY PUMP WITH FITTINGS
-	160923	1	• • PUMP, Auxiliary
1	168897	1	• • • MOTOR
2	168898	1	• • • CONTACTOR
3	169244	1	• • • PUMP
4	114583	1	• • FITTING, Elbow, 90° (08 ORBM - 08 JICM)
5	129127	1	• • FITTING, Elbow, 90° (04 JICM - 06 ORBM)
6	125959	2	• WASHER, Flat hardened (0.375")
7	103473	2	• BOLT, Hex head (0.375"-16 x 1.00" Grade 5)
8	103404	1	• WASHER, Lock (0.312")
9	148331	1	• BOLT, Hex head (0.312"-18 x 0.625" Grade 5)

4.18 Battery Assembly



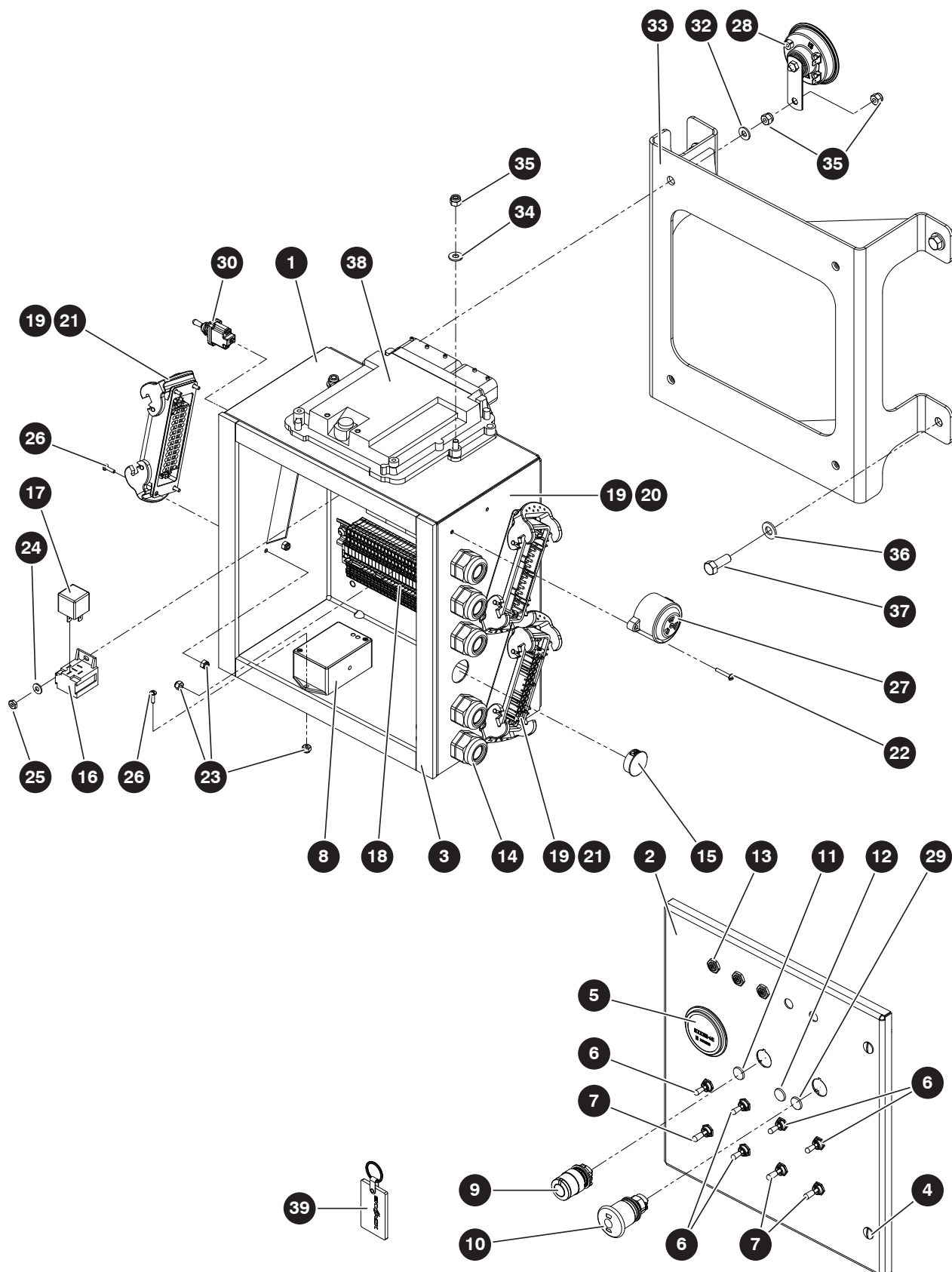
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4.18 Battery Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	167488	1	BATTERY ASSEMBLY
1	157464	1	• PAD, Battery
2	144676	1	• BATTERY (12V, 950 CCA)
3	150959	1	• BRACKET, Battery retainer
4	128572	1	• HOLD DOWN, Battery (pair)
5	119725	1	• SWITCH, Main lockout
6	108714	1	• MOUNT, Lock out switch
7	159915	1	• CABLE, Weld (#2/0 3/8" x 22 x 3/8")
8	138700	1	• CABLE, Battery
	139030	1	• • CLAMP, Battery post - positive
	139032	1	• • BOOT, Battery post - red
	139105	1	• • BOOT, Terminal - red
9	103472	1	• WASHER, Flat (3/8")
10	154243	1	• CABLE, Weld (#2/0, 21" x 3/8")
	139031	1	• • CLAMP, Battery post - negative
11	138464	1	• BOLT, Hex head (0.375"-16 x 0.650" Grade 5)
12	138704	1	• CABLE, Battery
	139106	1	• • BOOT, Terminal - red
13	103995	2	• WASHER, Flat (0.25")
14	115649	2	• NUT, Lock (0.25"-20 gr 5)
15	119674	1	• LABEL, Battery Disconnect
-	170482	1	CHARGE INDICATOR ASSEMBLY
16	152323	1	• INDICATOR, Charge
17	152344	1	• WIRE ASSEMBLY, Charge indicator (00) (not shown)
18	152345	1	• WIRE ASSEMBLY, Charge indicator (03) (not shown)



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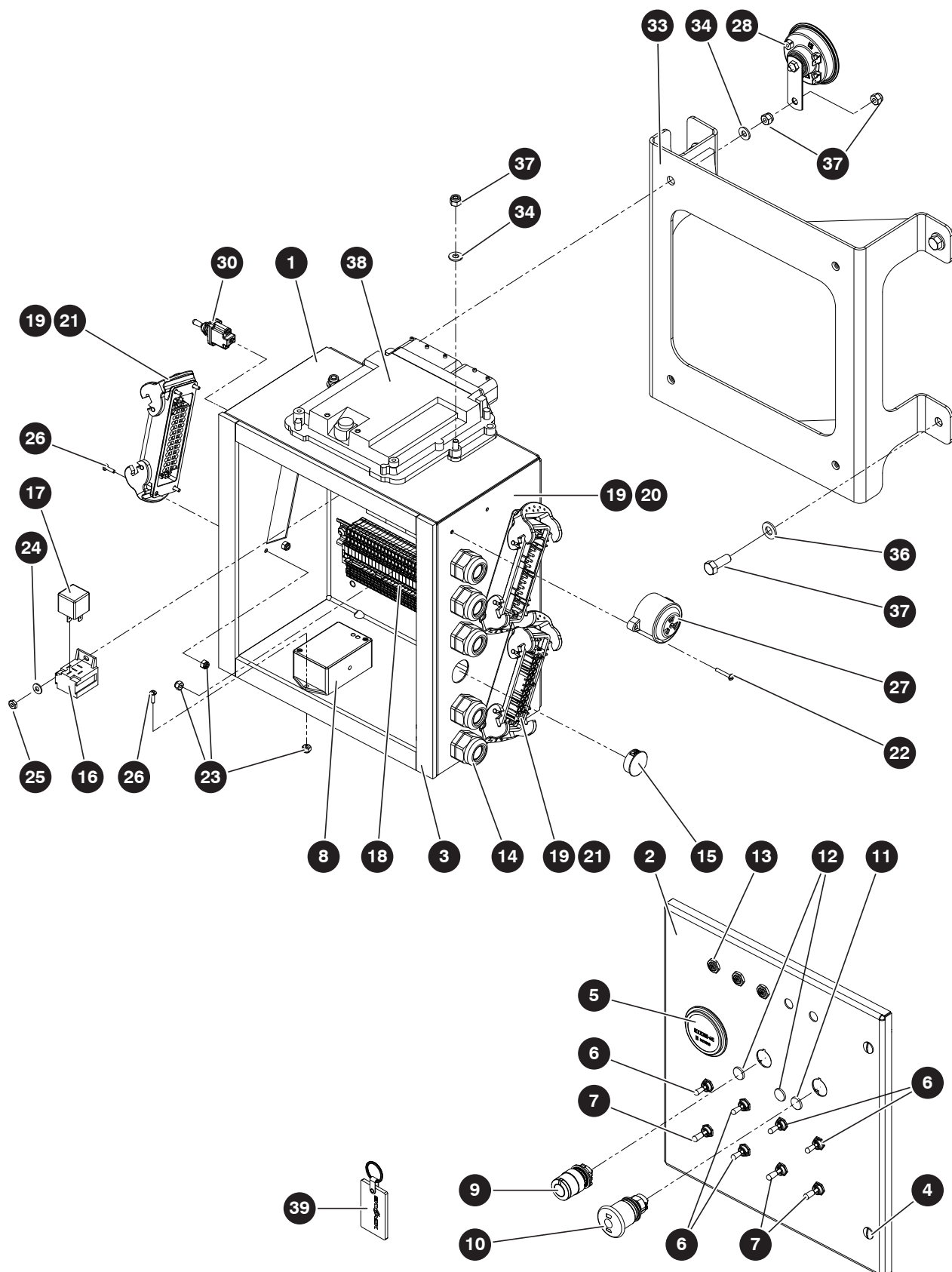
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SJ46AJ, SJ51AJ

SKYJACK

4.19 Base Control Box - Deutz D2.9L & Perkins 2.2T

Index No.	Skyjack Part No.	Qty.	Description
A	165541	1	BASE CONTROL ASSEMBLY - SJ46AJ ANSI/CSA - Deutz D2.9L
B	211892	1	BASE CONTROL ASSEMBLY - SJ46AJ ANSI/CSA - Perkins 2.2T
-	164929	1	• BASE CONTROL CONSOLE ASSEMBLY, Deutz D2.9L, A
-	211701	1	• BASE CONTROL CONSOLE ASSEMBLY, Perkins, B
-	164931	1	• • CONTROL BOX
1	164932	1	• • • BODY, Control box
	149281	1	• • • HINGE, Continuous
2	164933	1	• • • DOOR, Control box
3	149282	1	• • • WEATHER STRIP
4	149437	1	• • • FASTENER, Door
	149320	1	• • • RETAINER, 1/4 Turn
	149321	1	• • • RECEPTACLE, 1/4 Turn
5	195940	1	• • HOUR METER
6	102853	5	• • SWITCH, Toggle
7	138278	3	• • SWITCH, Toggle
8	149426	1	• • ANGLE TRANSDUCER
9	164949	1	• • KEYSWITCH ASSEMBLY
	147056	1	• • • LATCH, Mounting
	166141	1	• • • BLOCK, NOEM Contact (black plunger)
	166142	1	• • • BLOCK, NCLB Contact (yellow plunger)
	149605	1	• • • SWITCH HEAD, Selector
10	144652	1	• • SWITCH, Emergency stop red
	147056	1	• • • LATCH, Mounting
	147053	1	• • • BLOCK, NC Contact
	147229	1	• • • BLOCK, LED 12V
	147051	1	• • • SWITCH HEAD, Emergency stop
11	133133	1	• • LIGHT INDICATOR, Amber, A
	164831	1	• • LIGHT INDICATOR, Green, B
12	133133	1	• • LIGHT INDICATOR, Amber
13	117325	3	• • CIRCUIT BREAKER (15 AMP)
14	116266	5	• • CONNECTOR, Heyco liquid tight
15	131938	1	• • PLUG (1 1/8")
16	138749	15	• • SOCKET, Automotive relay
17	127131	12	• • RELAY, (12V 40 AMP)
18	(Ref.)	1	• • TERMINAL STRIP (For components, refer to 4.21 Base Terminal Strip - ANSI/CSA & AS)
19	138751	3	• • HOUSING, Open bottom 24 pin levered
20	138755	1	• • PLUG, 24 Pin spring (16A)
21	138756	2	• • SOCKET, 24 Pin spring (16A)
22	126499	2	• • SCREW, Round head machine (#8-32 x 7/8")
23	138765	16	• • NUT, Hex lock (#8-32 Grade 5, nylon)
18	(Ref.)	1	• • TERMINAL STRIP (For components, refer to 4.21 Base Terminal Strip - ANSI/CSA & AS)
19	138751	3	• • HOUSING, Open bottom 24 pin levered
20	138755	1	• • PLUG, 24 Pin spring (16A)
21	138756	2	• • SOCKET, 24 Pin spring (16A)



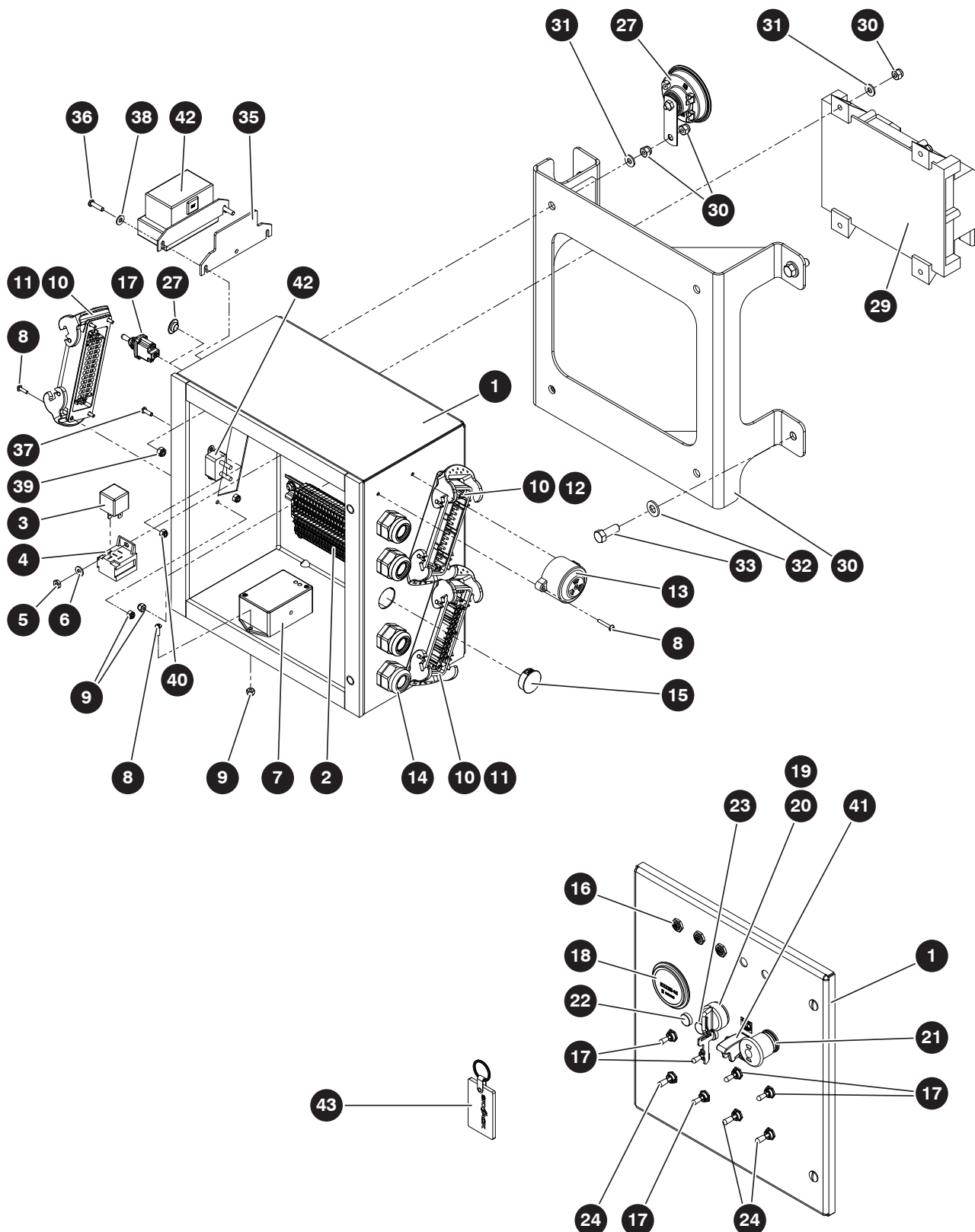
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SJ46AJ, SJ51AJ

4.19 Base Control Box - Deutz D2.9L & Perkins 2.2T

Index No.	Skyjack Part No.	Qty.	Description
22	126499	2	• • SCREW, Round head machine (#8-32 x 7/8")
23	138765	16	• • NUT, Hex lock (#8-32 Grade 5, nylon)
24	104694	6	• • WASHER, Flat (#10)
25	104003	6	• • NUT, Hex head (#10-32)
26	103957	14	• • SCREW, Round head machine (#8-32 x 1/2")
27	103056	1	• • BEEPER (7.5 - 16 VDC)
28	146652	1	• • HORN (12V)
29	164831	1	• • LIGHT INDICATOR, Green, A
	164832	1	• • LIGHT INDICATOR, Red, B
30	102853	1	• • SWITCH, Toggle, A
	114377	1	• • PLUG, Snap-in (0.50"), B
31	221144	1	• • HARNESS, Track Unit bypass (not shown)
33	149056	1	• BRACKET, Lower control box mount
34	103995	6	• WASHER, Flat (1/4")
35	115649	7	• NUT, Hex head (1/4"-20, Grade 5)
36	125959	3	• WASHER, Flat (3/8")
37	103473	3	• BOLT, Hex head (3/8"-16 x 1.00", Grade 5)
38	164845	1	ENGINE CONTROL UNIT (ECU), Deutz, A
39	114710	1	KEYRING



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SJ46AJ, SJ51AJ

4.20 Base Control Box - Deutz D2011, GM & Kubota

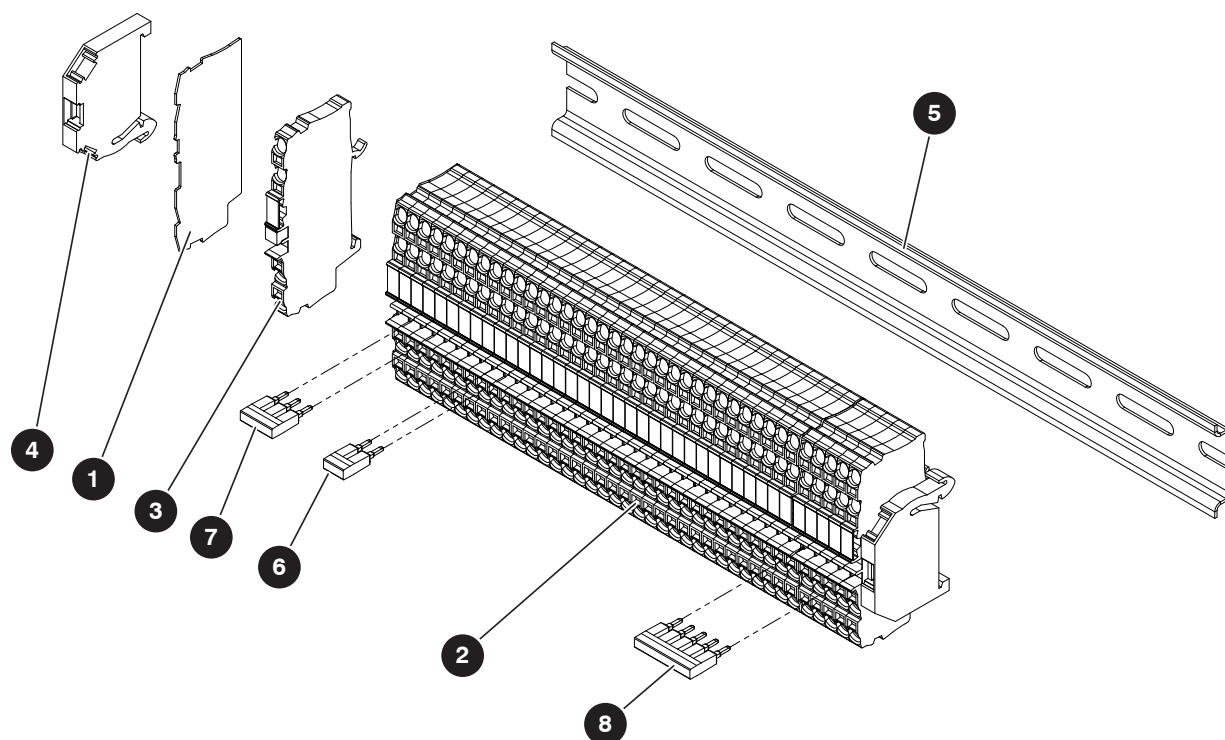
Index No.	Skyjack Part No.	Qty.	Description
A	163571	1	BASE CONTROLS - SJ46AJ ANSI/CSA - Deutz D2011
B	195416	1	BASE CONTROLS - SJ46AJ ANSI/CSA - Deutz D2011 with Positive Air Shut-Off
C	163581	1	BASE CONTROLS - SJ46AJ/SJ51AJ CE - Deutz D2011
D	163611	1	BASE CONTROLS - SJ46AJ/SJ51AJ AS - Deutz D2011
E	163578	1	BASE CONTROLS - SJ46AJ ANSI/CSA - GM
F	170412	1	BASE CONTROLS - SJ46AJ ANSI/CSA - Kubota
1	149278	1	• CONTROL BOX, A, C, D, E, F
	195371	1	• CONTROL BOX, B
	149279	1	• • BODY, Control box
	149281	1	• • HINGE, Steel
	149280	1	• • DOOR, Control box
	149282	1	• • WEATHER STRIP
	149437	2	• • FASTENER, Door
	149320	2	• • RETAINER, 1/4 Turn
	149321	2	• • RECEPTACLE, 1/4 Turn
2	(Ref.)	1	• TERMINAL STRIP, Base (For components, refer to 4.21 Base Terminal Strip - ANSI/CSA & AS) (For components, refer to 4.22 Base Terminal Strip - CE)
3	127131	12	• RELAY, (12V 40 AMP), A, C
	127131	13	• RELAY, (12V 40 AMP), B, D
	127131	8	• RELAY, (12V 40 AMP), E
	127131	9	• RELAY, (12V 40 AMP), F
4	138749	15	• SOCKET, Automotive relay, A, B, D
	138749	14	• SOCKET, Automotive relay, C
	138749	11	• SOCKET, Automotive relay, E
	138749	12	• SOCKET, Automotive relay, F
5	104003	6	• NUT, Hex head (#10-32)
6	104694	6	• WASHER, Flat (#10)
7	149426	1	• ANGLE TRANSDUCER
8	103957	14	• SCREW, Round head machine (#8-32 x 1/2"), A, B, D, E, F
	103957	16	• SCREW, Round head machine (#8-32 x 1/2"), C
9	138765	16	• NUT, Hex lock (#8-32 Grade 5, nylon)
10	138751	3	• HOUSING, Open bottom 24 pin levered
11	138756	2	• SOCKET, 24 Pin spring (16A)
12	138755	1	• PLUG, 24 Pin spring (16A)
13	103056	1	• BEEPER (7.5 - 16 VDC), A, B, D, E, F
14	116266	5	• CONNECTOR, Heyco liquid tight, A, B, D, F
	116266	4	• CONNECTOR, Heyco liquid tight, C, E
15	131938	1	• PLUG (1 1/8")
16	117325	3	• CIRCUIT BREAKER (15 AMP)
17	102853	6	• SWITCH, Toggle, A, B, C, D
	102853	5	• SWITCH, Toggle, E, F

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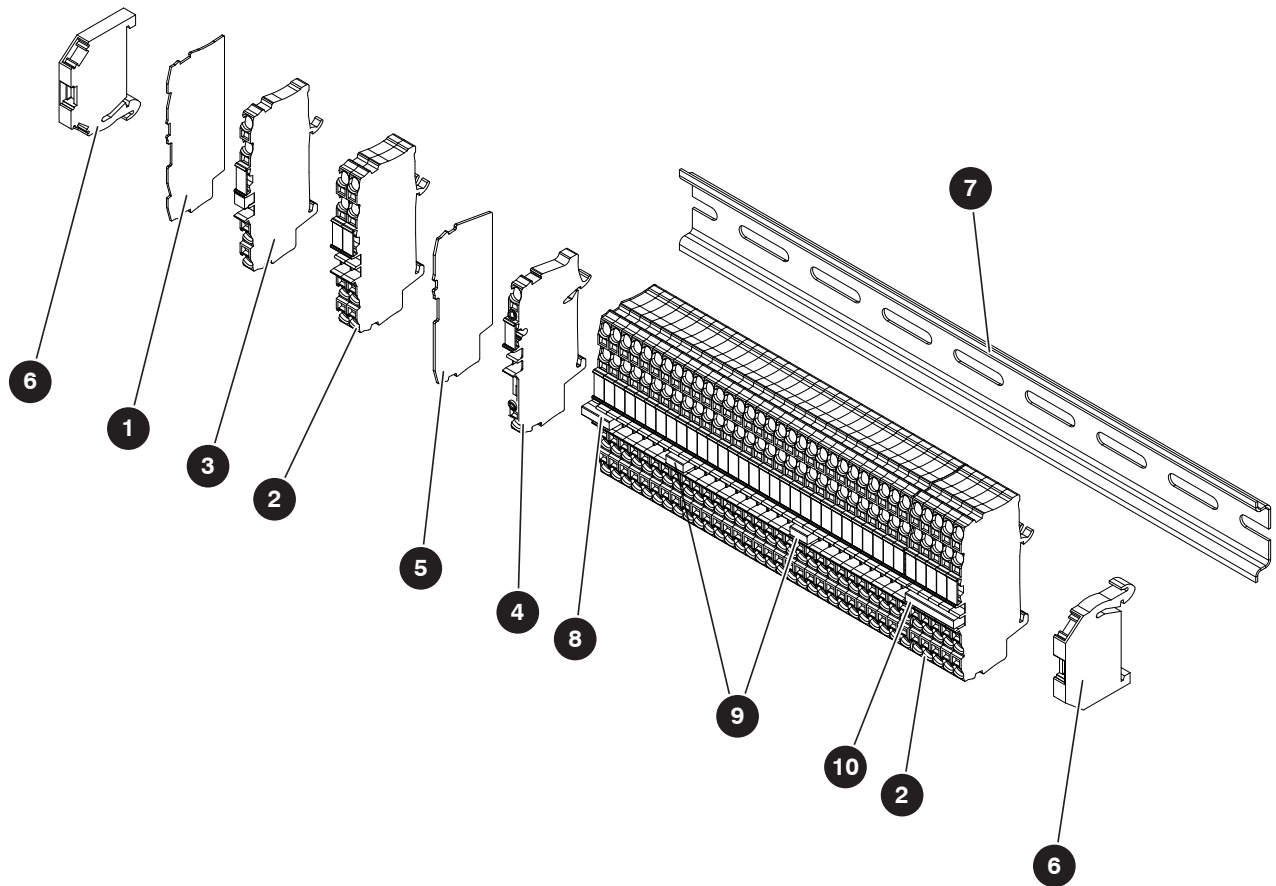
4.20 Base Control Box - Deutz D2011, GM & Kubota

Index No.	Skyjack Part No.	Qty.	Description
19	138277	1	• KEYSWITCH (3-position), A, B, D, E, F
	138137	1	• • KEY (#455)
	138136	1	• • NUT, Key switch
	144366	1	• KEYSWITCH (3-position), C
20	138767	1	• WASHER, Internal tooth (7/8", zinc)
21	144652	1	• SWITCH, Emergency stop red
	147056	1	• • LATCH, Mounting
	147053	1	• • BLOCK, NC Contact
	147229	1	• • SWITCH, LED block
	147051	1	• • SWITCH HEAD, Emergency stop
22	148971	1	• LIGHT, Pilot (Amber)
23	148972	1	• LIGHT, Pilot (Green), A, B, C, D
	139127	1	• PLUG, Hole (1/2"), E, F
24	138278	3	• SWITCH, Toggle
25	146652	1	• HORN (12V)
26	126499	2	• SCREW, Round head machine (#8-32 x 7/8"), A, B, D, E, F
27	139127	1	• PLUG, Hole (1/2"), E, F
28	221144	1	• HARNESS, Elevate telematics bypass (not shown)
29	138725	1	ENGINE CONTROL UNIT, Deutz, A, B, C, D
	196016	1	ENGINE CONTROL UNIT, GM, E
30	115649	9	NUT, Hex lock (1/4"-20 Grade 5, nylon), A, B, C, D
	115649	5	NUT, Hex lock (1/4"-20 Grade 5, nylon), E, F
31	103995	8	WASHER, Flat (1/4"), A, B, C, D
	103995	4	WASHER, Flat (1/4"), E, F
32	149056	1	BRACKET, Base control mounting
33	103473	3	BOLT, Hex head (3/8"-16 x 1", Grade 5)
34	125959	3	WASHER, Flat hardened (3/8")
35	195404	1	BACKPLATE, PASO controller, B
36	104698	2	SCREW, Round head machine (10-32 x 0.75"), B
37	103957	2	SCREW, Round head machine (8-32 x 0.50"), B
38	104694	2	WASHER, Flat (#10), B
39	300450	2	NUT, Hex head nylon lock (10-32), B
40	138765	2	NUT, Hex head nylon lock (8-32), B
41	164832	1	LIGHT, Indicator 12V (red), B
42	(Ref.)	1	POSITIVE AIR SHUT-OFF ASSEMBLY, B (For components, refer to 9.37 Positive Air Shutoff - Deutz D2011)
43	114710	1	KEYRING



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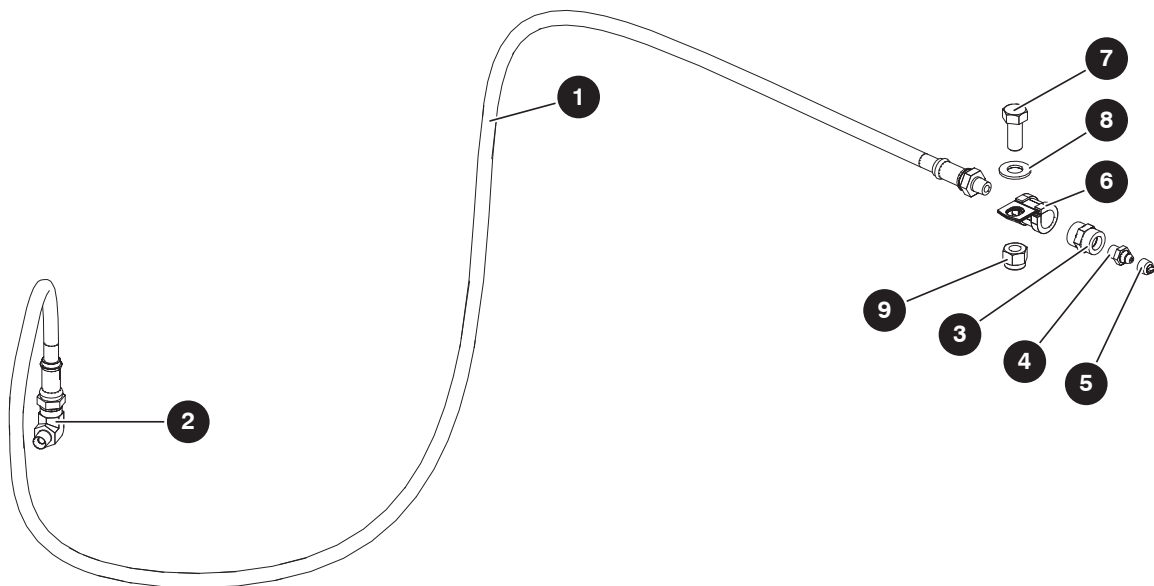
Index No.	Skyjack Part No.	Qty.	Description
A	148925	1	TERMINAL STRIP, Base - ANSI/CSA & AS with GM, Kubota or Deutz D2011
B	164816	1	TERMINAL STRIP, Base - ANSI/CSA with Deutz TD2.9L
C	211264	1	TERMINAL STRIP, Base - ANSI/CSA with Perkins
1	137941	3	• PLATE, End
2	137940	37	• TERMINAL BLOCK, Through, A
	137940	39	• TERMINAL BLOCK, Through, B
3	170927	1	• TERMINAL BLOCK, Diode
4	707147	2	• STOP, End
5	102874	11.4"	• RAIL, Din
6	137942	3	• JUMPER, 2 pin (25A), A
	137942	1	• JUMPER, 2 pin (25A), B
	137942	2	• JUMPER, 2 pin (25A), C
7	137943	1	• JUMPER, 3 pin (25A), B, C
8	170928	1	• JUMPER, 5 pin (25A)



M170757AB

Index No.	Skyjack Part No.	Qty.	Description
-	170757	1	TERMINAL STRIP, Base - CE
1	137941	3	• PLATE, End
2	137940	39	• TERMINAL BLOCK, Through
3	170927	1	• TERMINAL BLOCK, Diode
4	170607	1	• TERMINAL BLOCK, Fuse holder
5	170606	1	• PLATE, End
6	707147	2	• STOP, End
7	102874	11.4"	• RAIL, Din
8	137943	1	• JUMPER, 3 pin (25A)
9	137942	2	• JUMPER, 2 pin (25A)
10	170928	1	• JUMPER, 5 pin (25A)
11	170626	1	FUSE, ATM - 10A (not shown)

4.23 Grease Line



M148613AB

Index No.	Skyjack Part No.	Qty.	Description
-	148613	1	GREASE LINE HOSE ASSEMBLY
1	139090	1	• LINE, Grease
2	139094	1	• FITTING, Elbow 90° (1/8 NPTM - 1/8 NPTF)
3	139095	1	• FITTING, Straight (1/8 NPTF - 1/8 NPTF)
4	102027	1	• FITTING, Straight grease (1/8 NPT)
5	132565	1	• CAP
6	144129	1	• CLIP, Single
7	300437	1	• BOLT, Hex head (3/8"-16 x 7/8", Grade 5)
8	103472	1	• WASHER, Flat (3/8")
9	104606	1	• NUT, Hex lock (3/8"-16 Grade 5, nylon)

Section 5 – Electrical Harnesses

5.1 *Main Electrical and Fuel Level Switch Harnesses*

5.2 *Battery Cables*

5.3 *Control Cables*

5.4 *Jib/Rotate Valve Harness*

5.5 *AC Outlet - 110/220V*

5.6 *Glow Plug Harness - Deutz D2.9L*

5.7 *Glow Plug Harness - Deutz D2011 Engine*

5.8 *ECU Harnesses - Deutz D2011 Engine*

5.9 *Engine Interface Harness - Deutz D2.9L*

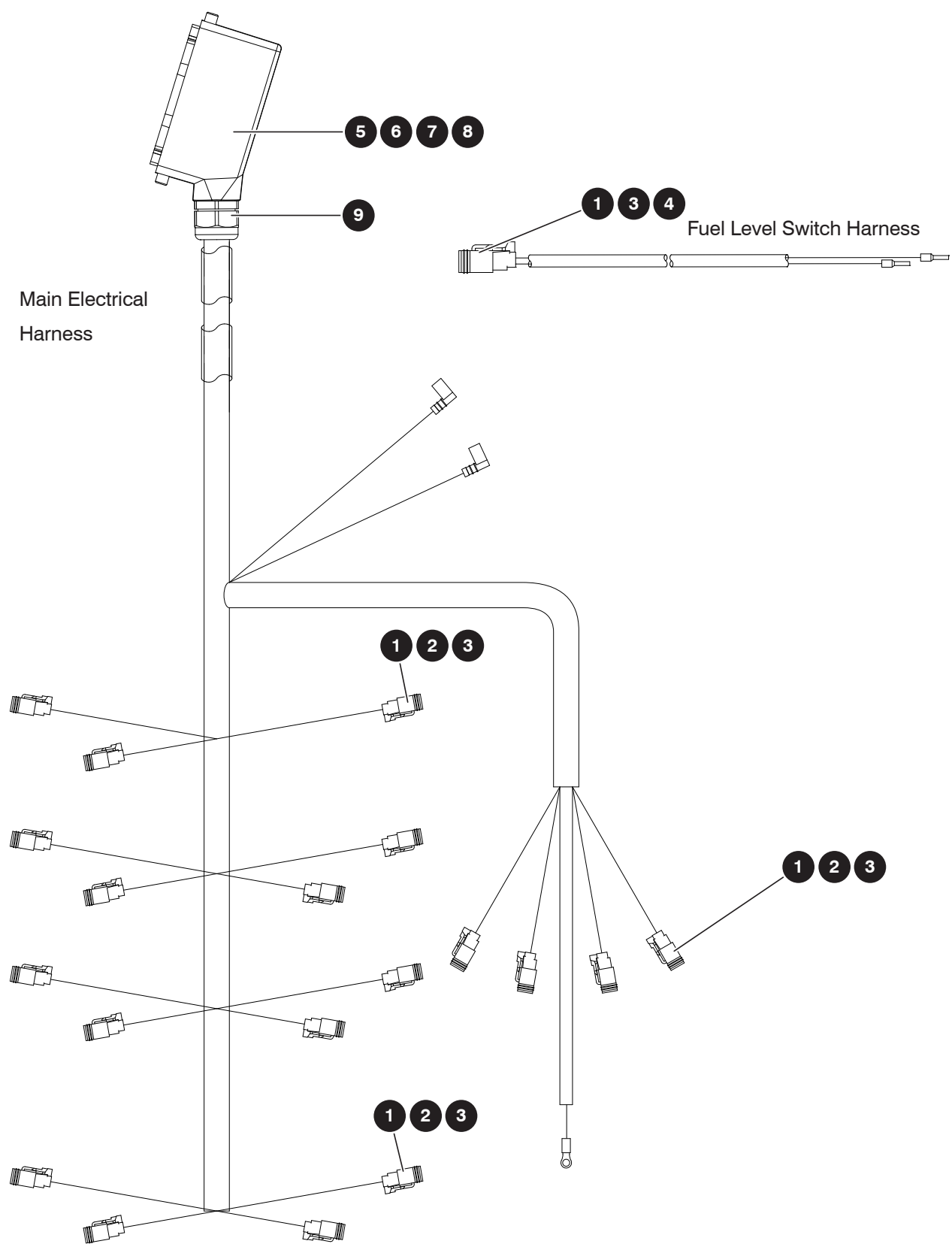
5.10 *Engine Interface Harness - Kubota WG2503*

5.11 *Engine Interface Harness - Perkins 2.2T*

5.12 *Fuse Box - Perkins 2.2T*

5.13 *Engine Interface Harness - GM*

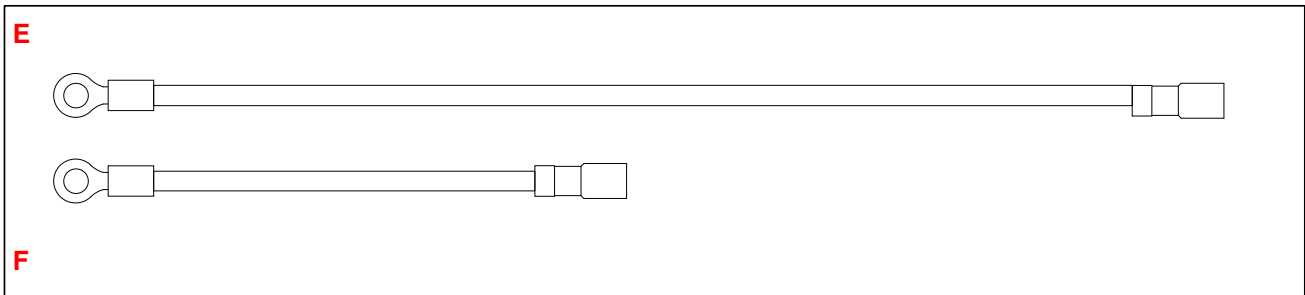
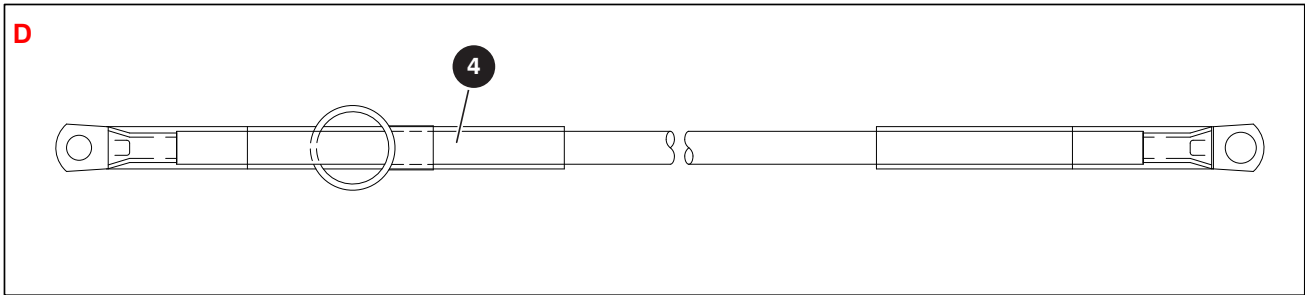
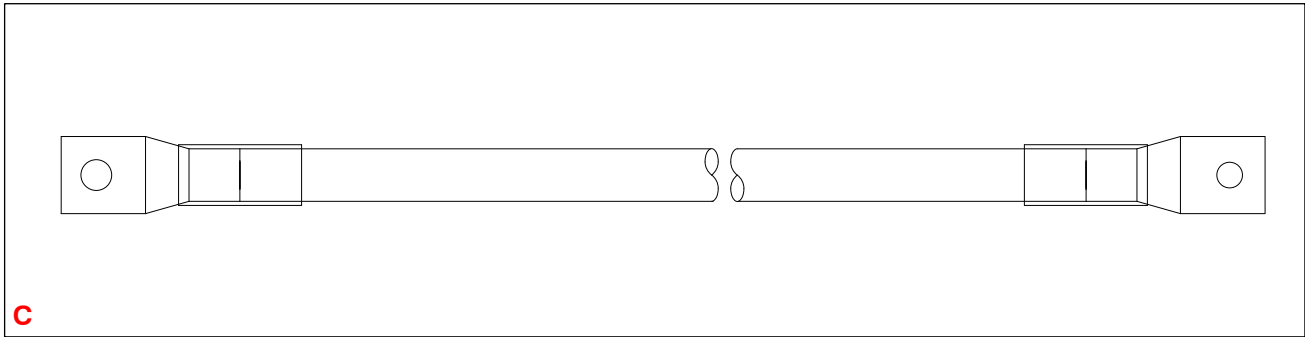
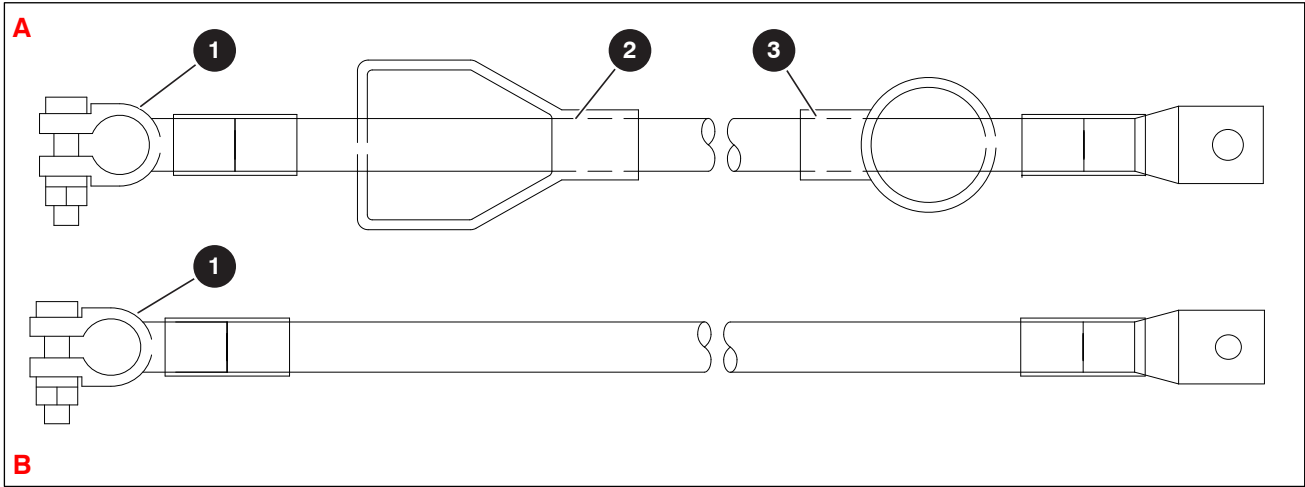
5.1 Main Electrical and Fuel Level Switch Harnesses



5.1 Main Electrical and Fuel Level Switch Harnesses

Index No.	Skyjack Part No.	Qty.	Description
A	149012	1	HARNESS, Main electrical
B	149427	1	HARNESS, Fuel level switch
1	117597	19	• PLUG, Deutsch (2-pin), A
		1	• PLUG, Deutsch (2-pin), B
2	117591	38	• SOCKET, Deutsch (16/18 GA)
3	117599	19	• WEDGE, Deutsch (2-pin), A
		1	• WEDGE, Deutsch (2-pin), B
4	117590	2	• CONNECTOR, Contact (16-18)
5	138753	1	• HOOD, Side 24 pole (M32)
6	138755	1	• PLUG, 24 pole spring (16A)
7	115401	21	• FERULE (18GA)
8	138044	4	• FERULE (14GA)
9	138754	1	• STRAIN, RELIEF (M32 x 1.5)

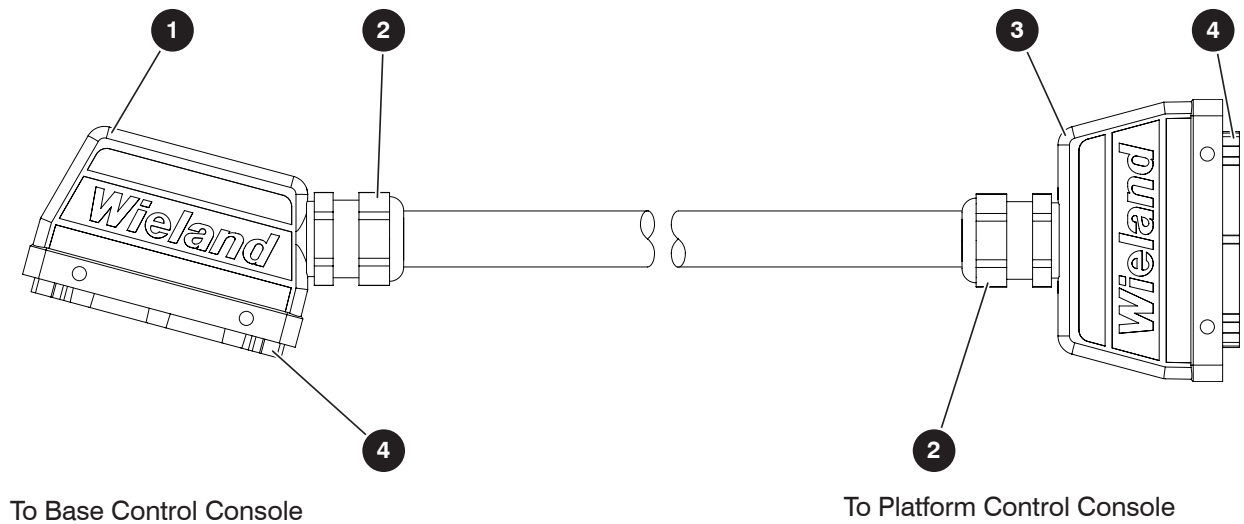
5.2 Battery Cables



5.2 Battery Cables

Index No.	Skyjack Part No.	Qty.	Description
A	138700	1	CABLE HARNESS (Battery positive to battery disconnect)
B	154243	1	CABLE HARNESS (Battery negative to turret ground)
C	159915	1	CABLE HARNESS (Flywheel to turret)
D	138704	1	CABLE HARNESS (Emergency pump to battery disconnect)
E	152344	1	WIRE ASSEMBLY (Charge indicator, 00) - CE & AS
F	152345	1	WIRE ASSEMBLY (Charge indicator, 03) - CE & AS
1	139030	1	• POST CLAMP, Battery (#2/0 positive), A
	139031	1	• POST CLAMP, Battery (#2/0 negative), B
2	139032	1	• POST BOOT, Battery (#2/0 red), A
3	139105	1	• TERMINAL BOOT (#2/0 red), A
4	139106	1	• TERMINAL BOOT (#1 red), D

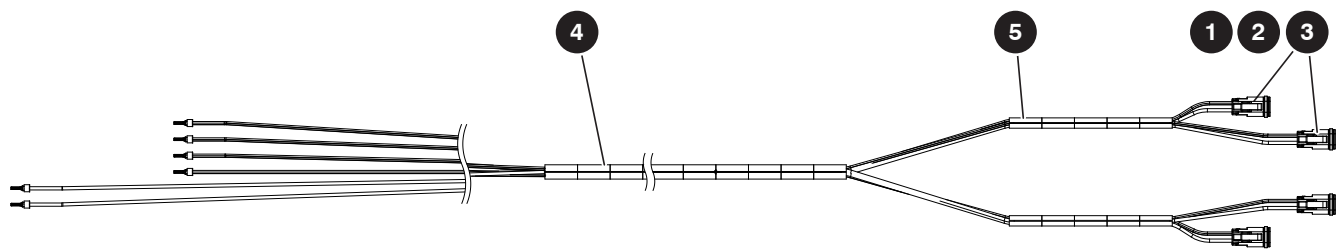
5.3 Control Cables



M138758-A

Index No.	Skyjack Part No.	Qty.	Description
A	149291	1	CABLE HARNESS, Control "C" (Male ends) - SJ46AJ
B	149292	1	CABLE HARNESS, Control "D" (Female ends) - SJ46AJ
C	149293	1	CABLE HARNESS, Control "C" (Male ends) - SJ51AJ
D	149294	1	CABLE HARNESS, Control "D" (Female ends) - SJ51AJ
1	138753	1	• HOOD, Side 24 (M32)
2	233265	2	• RELIEF, Strain (M32 x 1.5)
3	138752	1	• HOOD, Top 24 pole (M32)
4	138755	2	• PLUG, 24 Pole spring (16A), A, C
	138756	2	• SOCKET, 24 Pole spring (16A), B, D

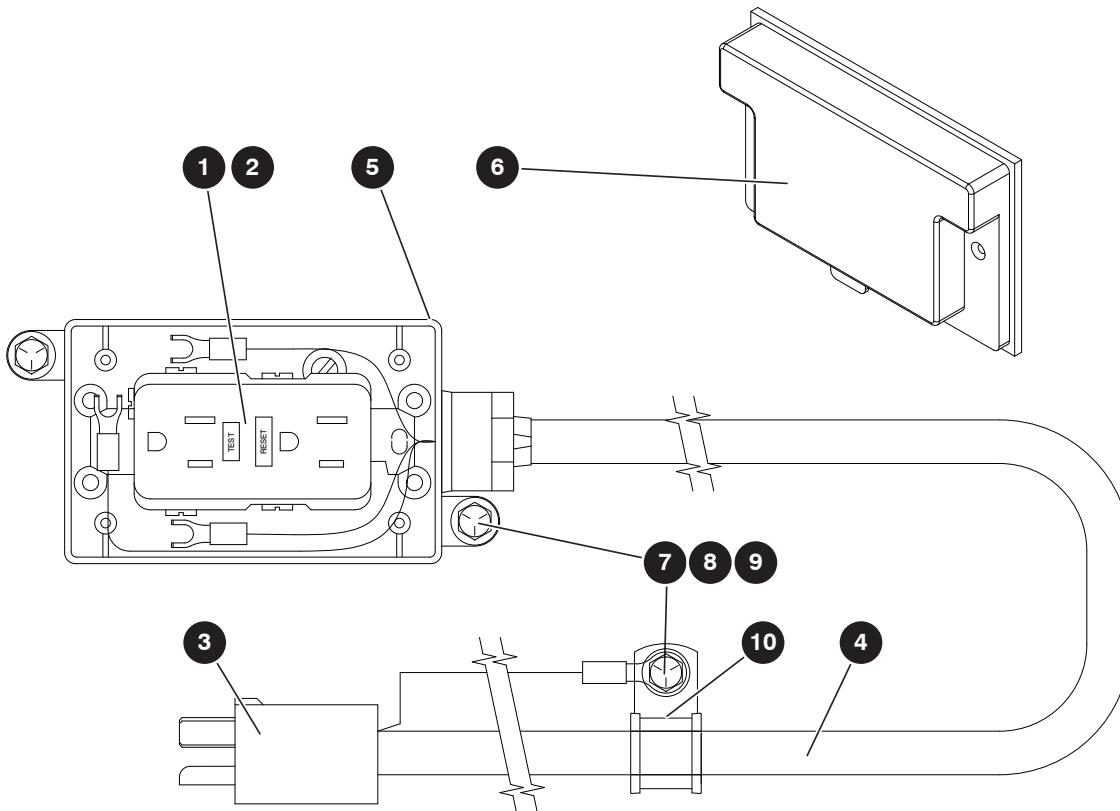
5.4 Jib/Rotate Valve Harness



M167884AC

Index No.	Skyjack Part No.	Qty.	Description
-	167884	1	HARNESS, Jib/platform rotate valve
1	117597	4	• CONNECTOR, Plug (2-pin)
2	117599	4	• CONNECTOR, Plug (2-pin wedge)
3	117591	8	• CONNECTOR, Contact socket (16/18 GA)
4	111354	91"	• PROTECTOR, Wire (3/8")
5	124399	20"	• PROTECTOR, Wire (1/4")

5.5 AC Outlet - 110/220V



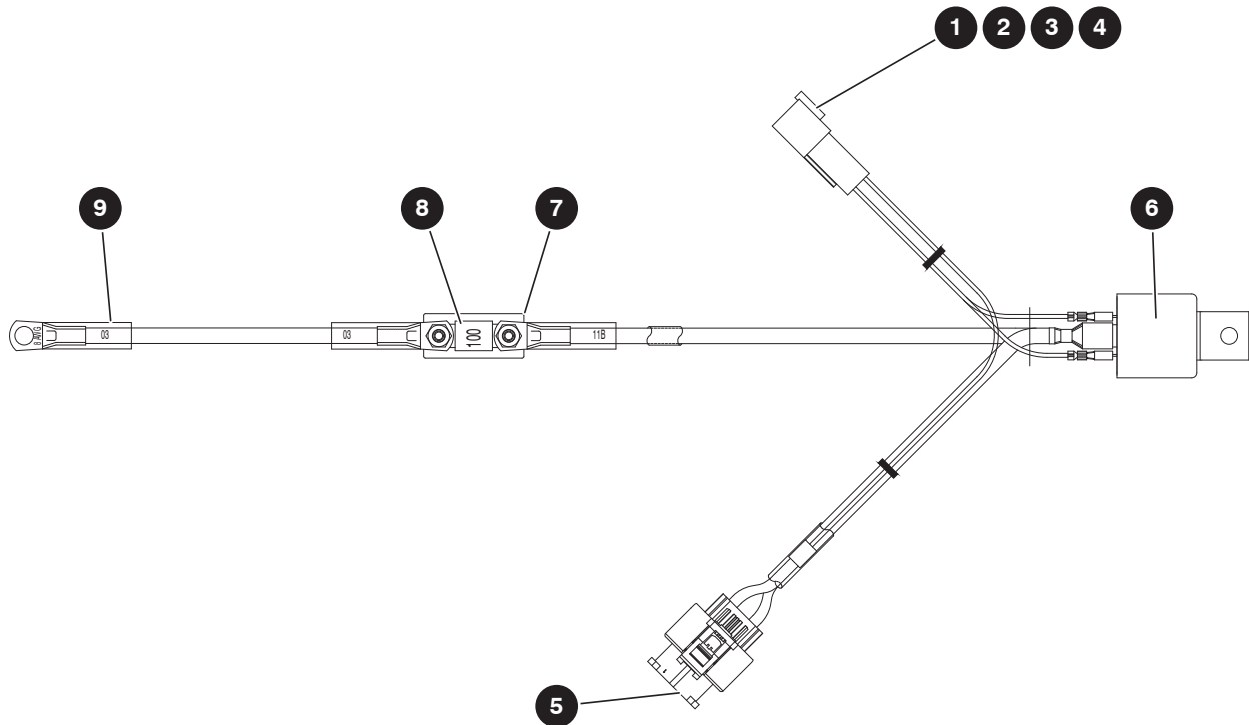
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Index No.	Skyjack Part No.	Qty.	Description
A	148634	1	110V OUTLET ASSEMBLY - SJ46AJ ANSI/CSA
B	148635	1	220V OUTLET ASSEMBLY - SJ46AJ CE & AS
C	148636	1	220V OUTLET ASSEMBLY - SJ51AJ CE & AS
1	109698	1	• RECEPTACLE, GFI, A
2	121461	2	• BOLT, Machine round head (6-32 UNC x 3/8"), A
-	149492	1	• 110V CABLE ASSEMBLY, A
3	104208	1	• • PLUG, Male (15A - 225V), A
4	103259	758"	• • CABTIRE (12/3 300V), A
	103259	734"	• CABTIRE (12/3 300V), B
	103259	818"	• CABTIRE (12/3 300V), C
4	136328	1	• BOX, AC outlet, A
5	109699	1	• PLATE, Weatherproof cover, A
6	115649	3	• NUT, Hex nylon lock (1/4"-20, Grade 5)
7	103857	3	• BOLT, Hex head (1/4"-20 x 1", Grade 5)
8	103995	3	• WASHER, Flat (1/4")
9	103024	1	• CLIP, Single (G8)

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SJ46AJ, SJ51AJ

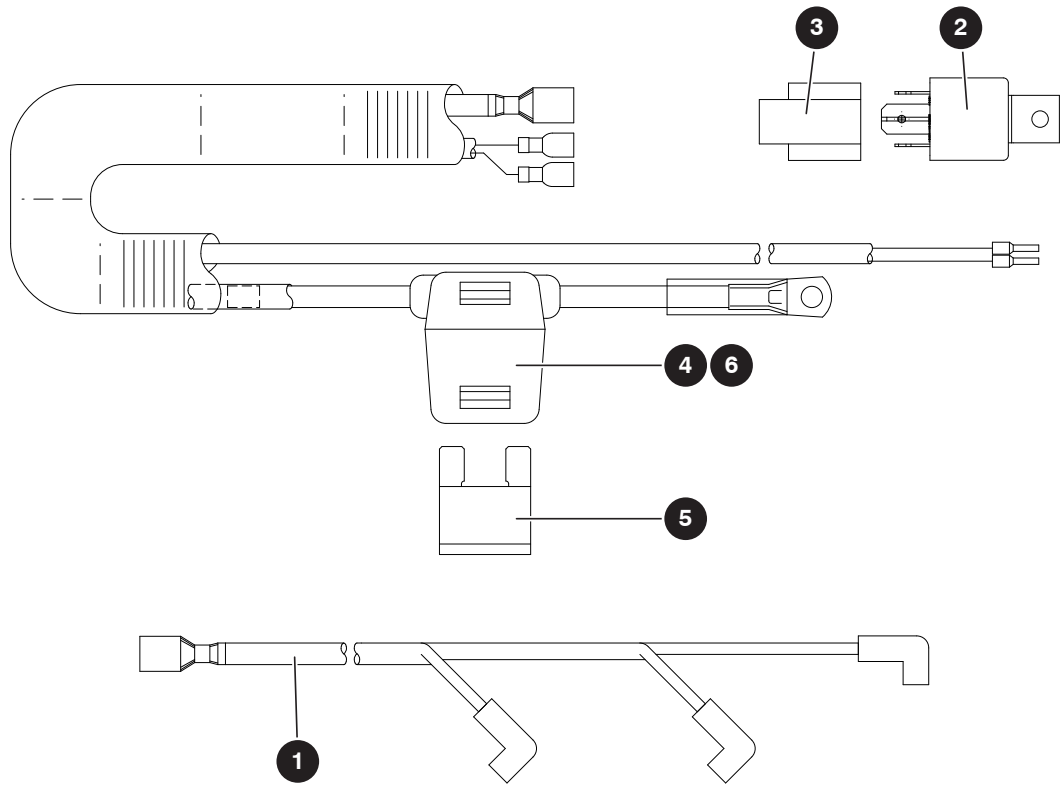
5.6 Glow Plug Harness - Deutz D2.9L



M165028AB

Index No.	Skyjack Part No.	Qty.	Description
-	165028	1	HARNESS ASSEMBLY, Glow Plug - Deutz D2.9L Engine
-	165048	1	• HARNESS, Glow plug
1	117578	1	• • RECEPTACLE, Connector (4 pin)
2	117580	1	• • RECEPTACLE, Connector (4 pin wedge)
3	117590	3	• • CONTACT PIN, Connector (16-18)
4	117594	1	• • SEALING PLUG, Connector
5	165050	1	• • CONNECTOR, (2F TYCO BNG1)
6	165029	1	• RELAY, 150A (12V SPST)
7	165030	1	• HOLDER, Fuse (Inline)
8	165031	1	• FUSE, Bolt-down (100A)
9	165049	1	• WIRE ASSEMBLY, Power (Glow plug)

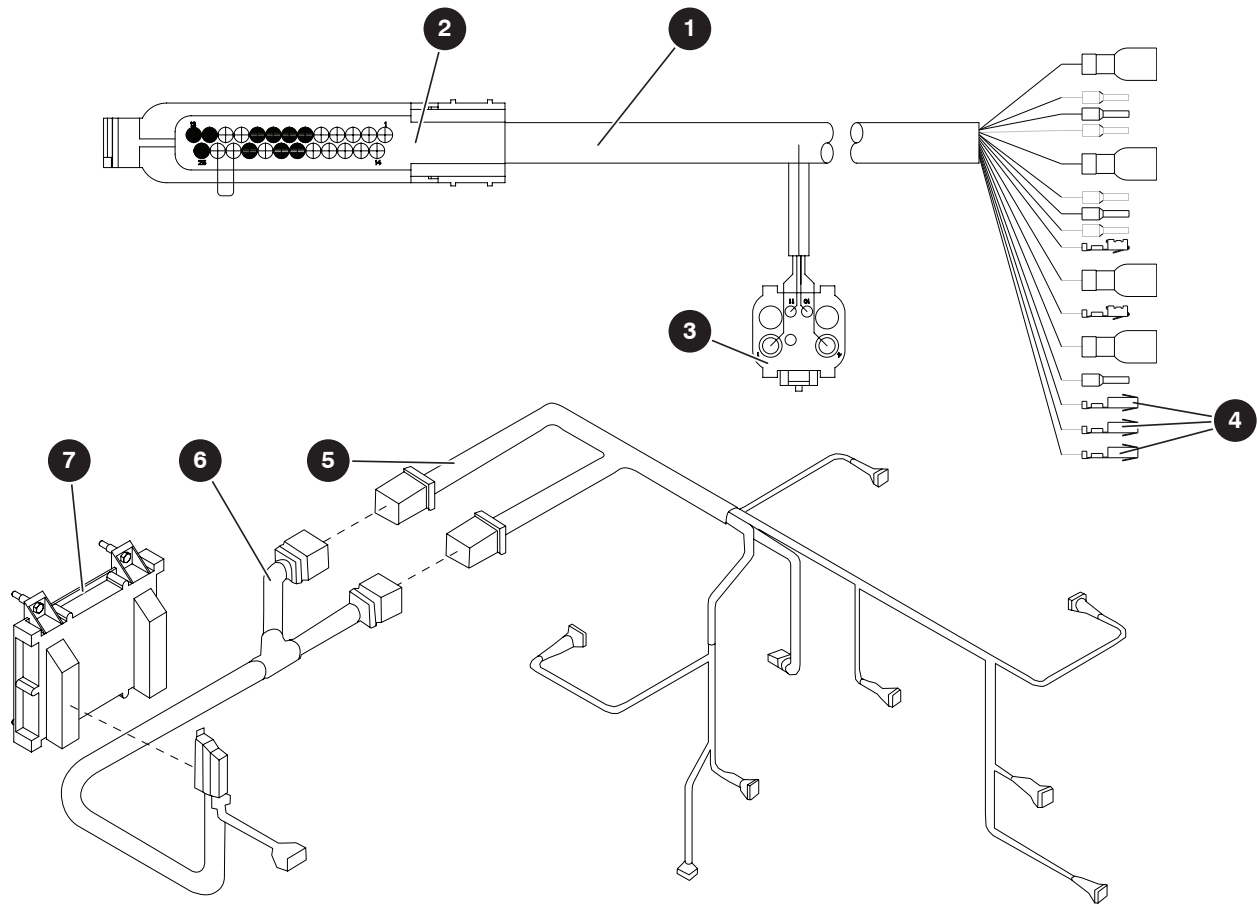
5.7 Glow Plug Harness - Deutz D2011 Engine



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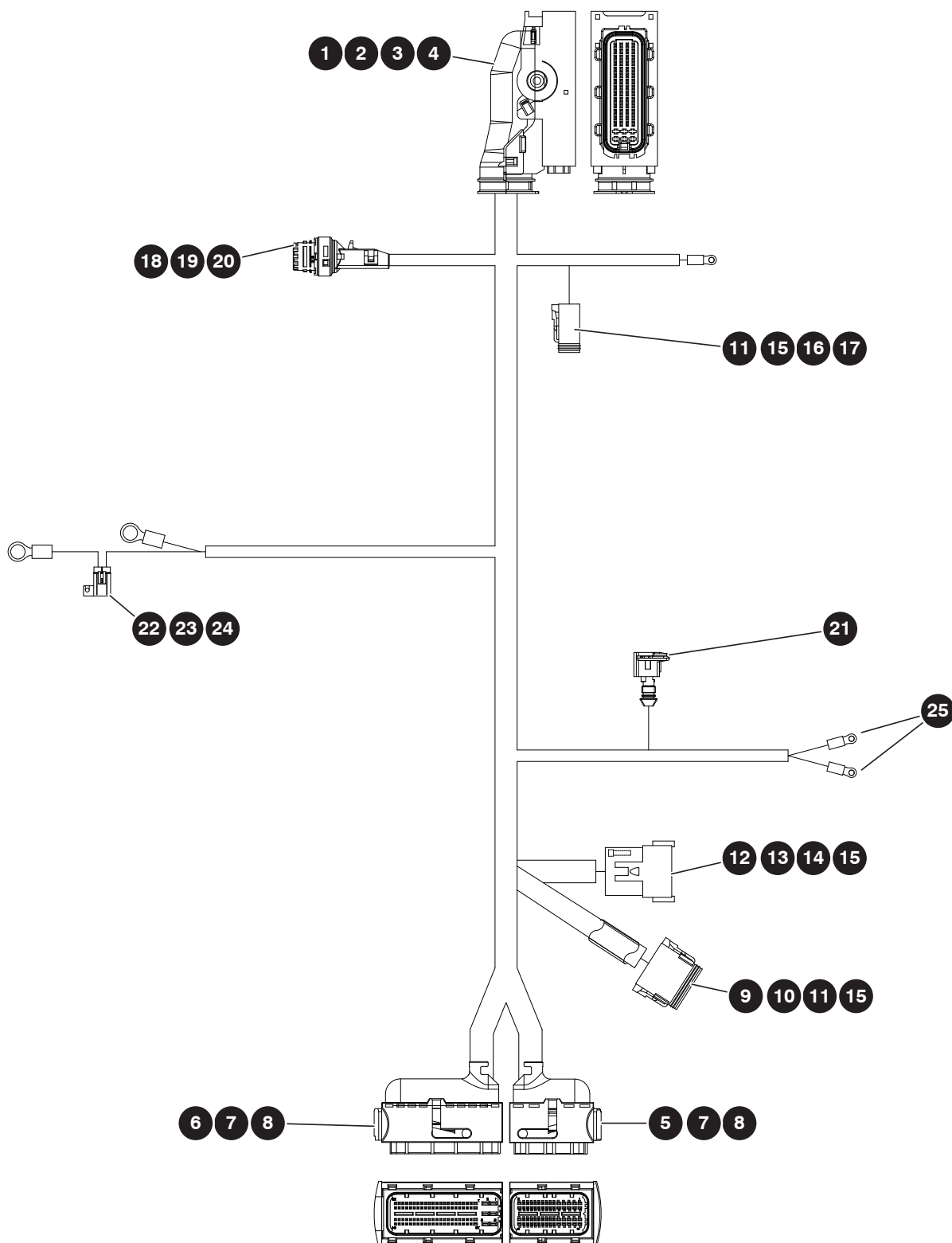
Index No.	Skyjack Part No.	Qty.	Description
-	148653	1	GLOW PLUG HARNESS - Deutz D2011
1	139199	1	• HARNESS, Glow plug, Deutz
-	149439	1	• HARNESS, Relay - glow plug
2	138844	1	• • RELAY, 80A 12C SPST
3	138845	1	• • SOCKET, 80A relay
4	138847	1	• • FUSE HOLDER, Inline
5	138848	1	• • FUSE, 50A
6	139195	1	• • COVER, Fuse holder

5.8 ECU Harnesses - Deutz D2011 Engine



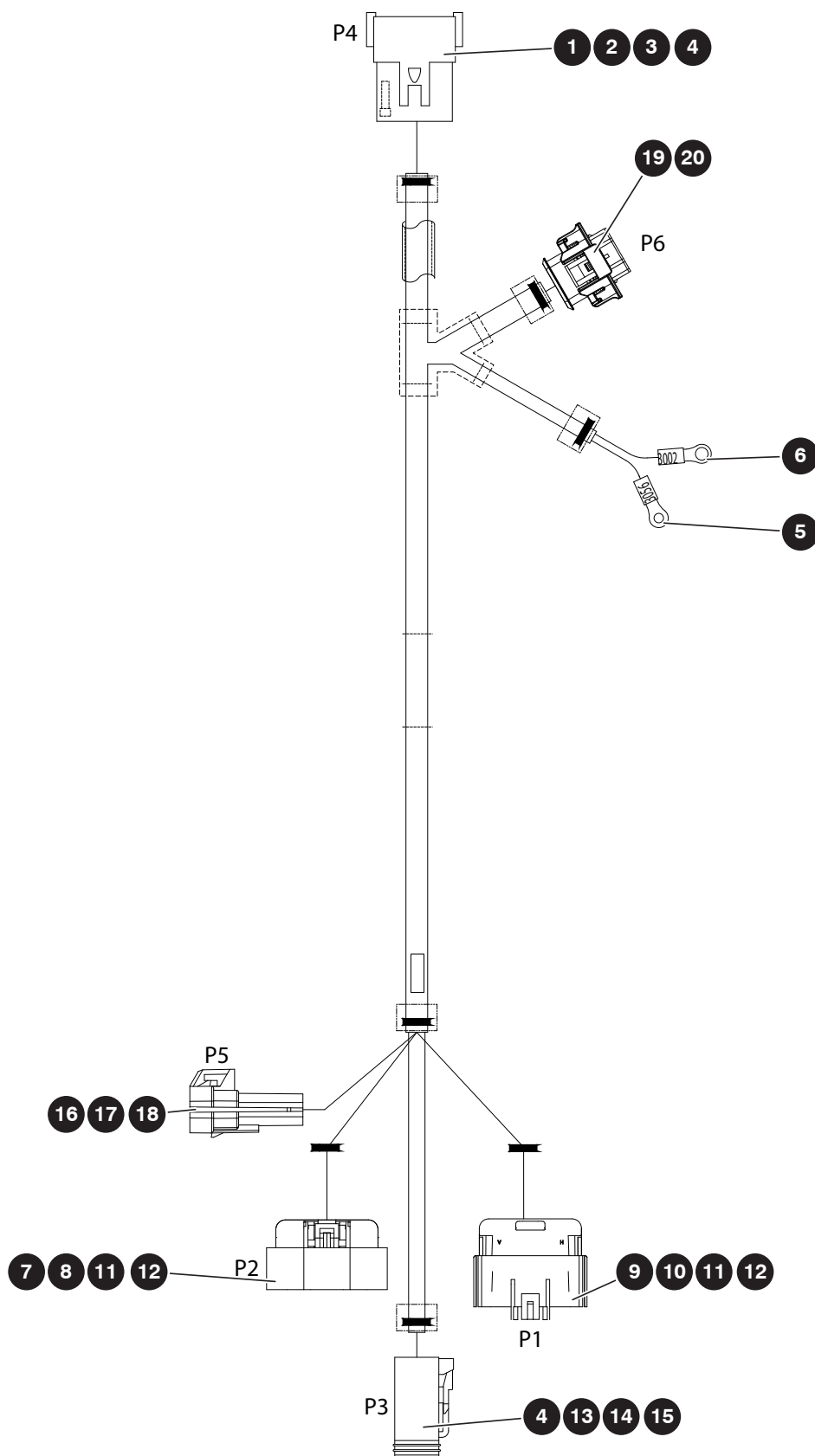
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Index No.	Skyjack Part No.	Qty.	Description
1	148927	1	HARNESS, ECU - Deutz D2011
2	138574	1	• CONNECTOR KIT, Deutz controller
3	150975	1	• CONNECTOR KIT, Universal
4	138576	1	• CONNECTOR KIT, Deutz programming
5	146007	1	HARNESS, Cable
6	146008	1	HARNESS, Interconnect Cable
7	(Ref.)	1	ENGINE CONTROL UNIT, Deutz



5.9 Engine Interface Harness - Deutz D2.9L

Index No.	Skyjack Part No.	Qty.	Description
A	195624	1	HARNESS, Engine interface - Deutz D2.9L serial number 95 002 138 & above
B	165020	1	HARNESS, Engine interface - Deutz D2.9L serial number 95 002 137 & below
1	164544	1	• CONNECTOR, (62F AMP MCP)
2	164545	1	• COVER, Connector (62 pin)
3	164548	24	• PLUG, Cavity (3.6mm MCP)
4	164551	4	• PLUG, Cavity (5.4mm MCP)
5	164556	1	• CONNECTOR, (60F AMP MQS)
6	164567	1	• CONNECTOR, (94F AMP MQS+MCP)
7	164563	77	• PLUG, Cavity (MQS)
8	164564	12	• PLUG, Cavity (MQS)
9	117587	1	• PLUG, Connector (12 pin)
10	117589	1	• PLUG, Connector (12 pin wedge)
11	117591	3	• SOCKET, Connector contact (16-18)
12	117586	1	• RECEPTACLE, Connector (12 pin)
13	117588	1	• RECEPTACLE, Connector (12 pin wedge)
14	117590	10	• PIN, Connector contact (16-18)
15	117594	5	• PLUG, Connector sealing
16	117579	1	• PLUG, Connector (4 pin)
17	117581	1	• PLUG, Connector (4 pin wedge)
18	164579	1	• CONNECTOR, Circular (4F 2.5mm)
19	164580	1	• STRAIN RELIEF (Straight)
20	156172	1	• PLUG, Cavity (JPT)
21	156163	1	• CONNECTOR, (2F AMP)
22	156127	1	• CONNECTOR, Fuse holder (2F 630 M/P)
23	156164	1	• FUSE, 30A (ATO)
24	156117	1	• COVER, Autofuse (Inline)
25	105359	2	• TERMINAL, Spade (14-16 GA Blue), A
	109892	2	• TERMINAL, Fork (14-16 GA blue), B



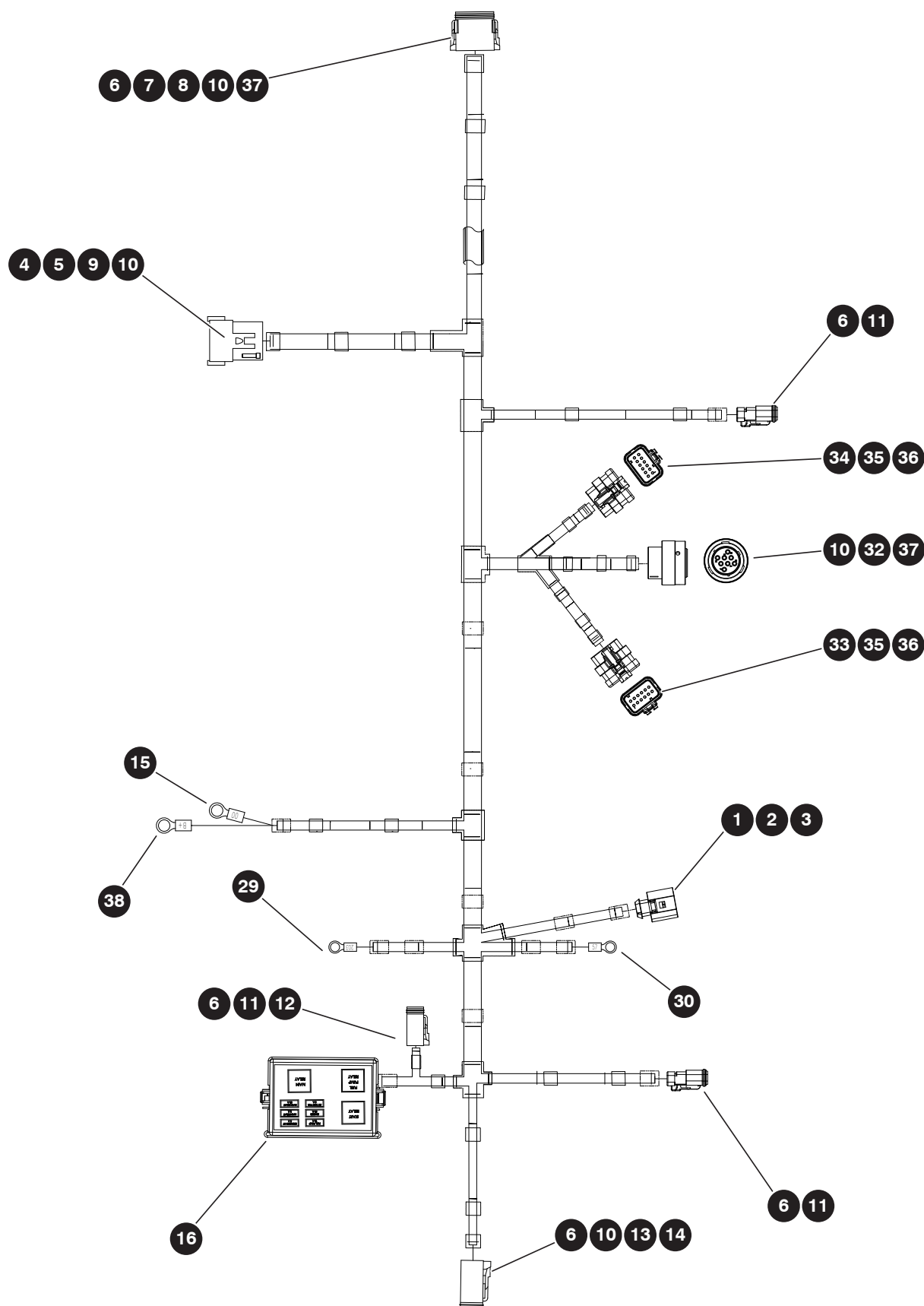
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5.10 Engine Interface Harness - Kubota WG2503

Index No.	Skyjack Part No.	Qty.	Description
-	169377	1	HARNESS, Engine interface - Kubota WG2503
1	117586	1	• RECEPTACLE, Connector (12 pin)
2	117588	1	• RECEPTACLE, Connector (12 pin wedge)
3	117590	7	• PIN, Connector contact (16-18)
4	117594	7	• PLUG, Connector sealing
5	144337	1	• TERMINAL, Red ring #8
6	119752	1	• TERMINAL, Red ring #10
7	142361	1	• HOUSING, Female (150 GT sealed 16 way)
8	142362	4	• TERMINAL, Female (150 GT series)
9	142363	1	• HOUSING, Male (150 GT sealed 16 way)
10	142364	8	• TERMINAL, Male (150 GT series)
11	142365	12	• SEAL, Wire (150 GT series)
12	142366	20	• PLUG, Cavity (150 GT series)
13	117591	4	• SOCKET, Connector contact (16-18)
14	156180	1	• CONNECTOR, 6F DT
15	156194	1	• WEDGE, Plug
16	166481	1	• CONNECTOR, 4M 150 M/P
17	156260	4	• TERMINAL, Male sealed (0.8-0.5 mm ²) 150 MP
18	163679	1	• TPA, 4W M/P
19	170221	1	• CONNECTOR, 4M Kompakt 1.1m
20	170222	4	• TERMINAL, Female sealed (1.0-0.5 mm ²) BDK2.8



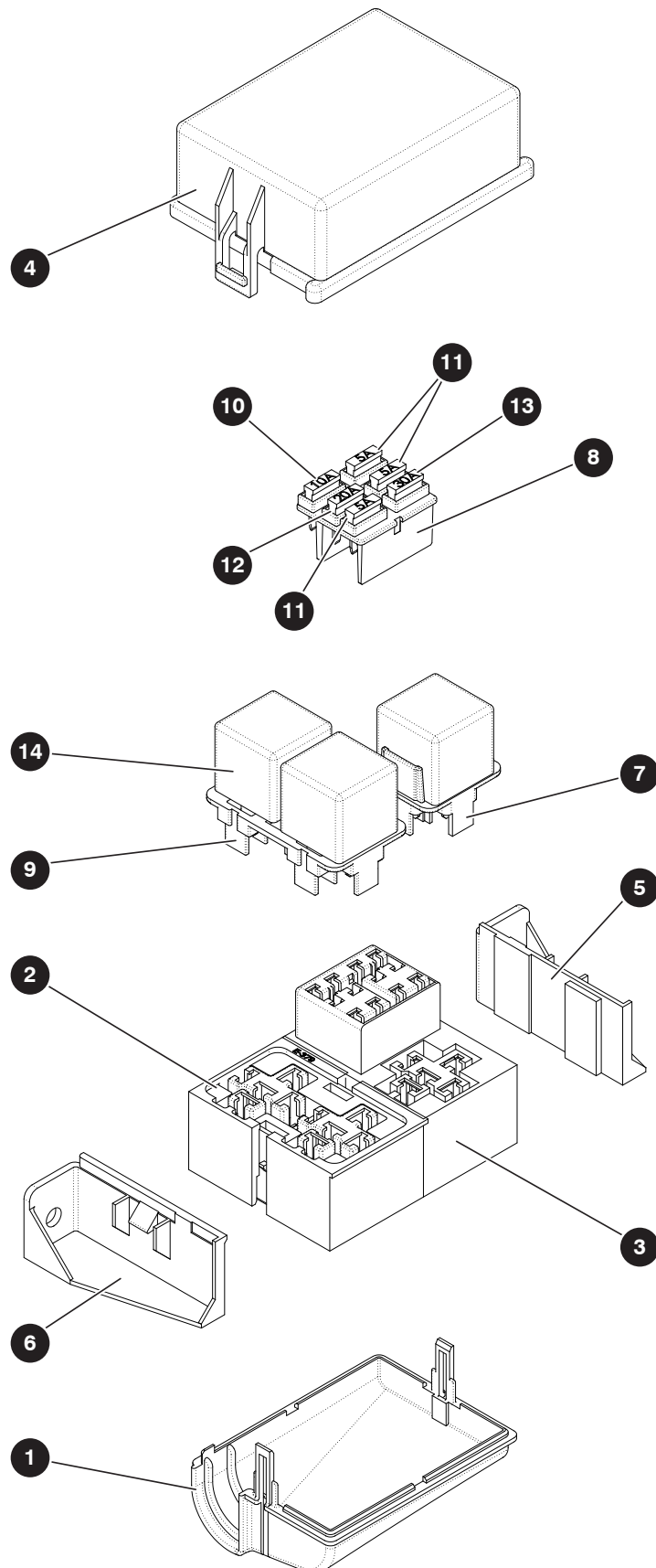
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5.11 Engine Interface Harness - Perkins 2.2T

Index No.	Skyjack Part No.	Qty.	Description
-	212115	1	ENGINE INTERFACE HARNESS - Perkins 2.2T
1	198798	1	• CONNECTOR, 2 Pin
2	198624	2	• TERMINAL, Connector
3	198633	2	• WIRE SEAL, Connector
4	117587	1	• PLUG, Connector - 12-pin
5	117589	1	• WEDGE, Connector plug - 12-pin
6	117591	20	• SOCKET, Connector contact - 16-18
7	117586	1	• RECEPTACLE, Connector - 12-pin
8	117588	1	• WEDGE, Connector receptacle - 12-pin
9	117590	7	• PIN, Connector contactor - 16-18
10	117594	17	• PLUG, Sealing - connector
11	117597	4	• PLUG, Connector - 2-pin
12	117599	1	• WEDGE, Connector plug - 2-pin
13	156180	1	• CONNECTOR ASSEMBLY - 6F, DT
14	156194	1	• WEDGE, Plug
15	156219	2	• TERMINAL, Ring (M8)
16	198769	1	• FUSE BOX - Perkins (For components, refer to 5.14 Fuse Box - Perkins)
17	198655	4	• TERMINAL, Female ISO relay (10/12 awg)
18	198657	2	• TERMINAL, Female ISO relay (14/16 awg)
19	198658	4	• TERMINAL, Female ISO relay (18/20 awg)
20	198659	4	• TERMINAL, Female ISO relay (18/20 awg)
21	198662	2	• TERMINAL, Female mini fuse (18/20 awg)
22	198663	1	• TERMINAL, Female mini fuse (18/20 awg)
23	198661	1	• TERMINAL, Female mini fuse (14/16 awg)
24	198660	8	• TERMINAL, Female mini fuse (10/12 awg)
29	156213	1	• TERMINAL, Ring (M5)
30	102942	1	• TERMINAL, Ring - yellow (0.25", 10-12AWG)
31	163021	1	• RESISTOR, 120 ohm 1/2 W axial lead
32	209456	1	• CONNECTOR, Plug (8P deutsch)
33	209455	1	• CONNECTOR, Plug (12P ampseal gray)
34	209454	1	• CONNECTOR, Plug (12P ampseal red)
35	209464	16	• SOCKET, 14-20 awg ampseal
36	209465	8	• PLUG, Cavity - ampseal
37	157859	7	• SOCKET, 12-14 awg solid
38	108172	1	• TERMINAL, Ring (10-12 GA 0.375")



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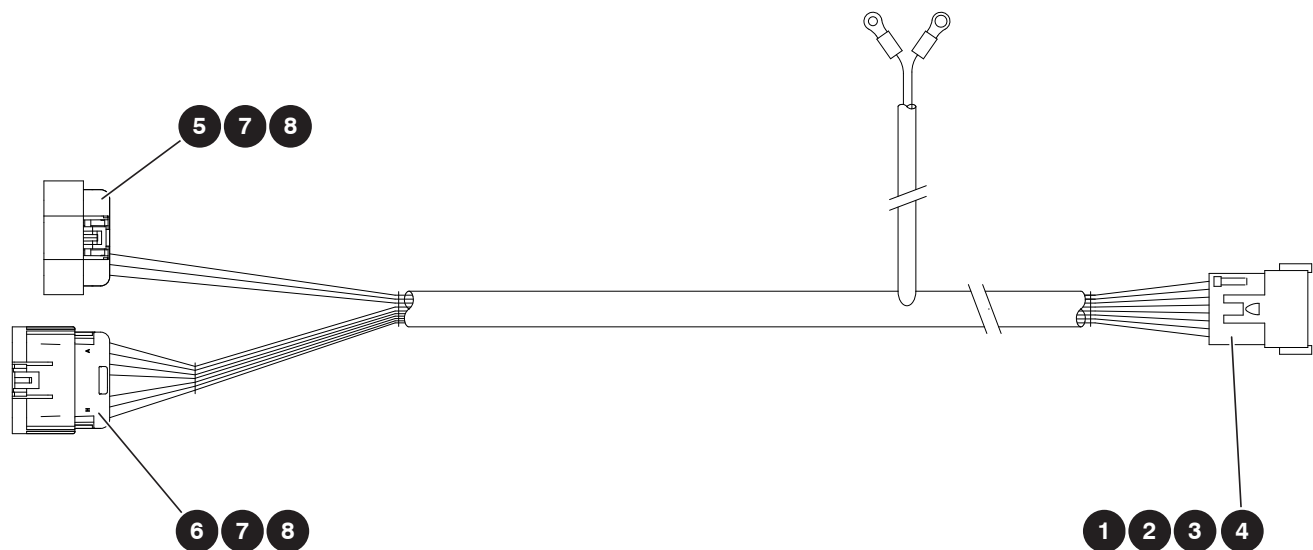
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5.12 Fuse Box - Perkins 2.2T

Index No.	Skyjack Part No.	Qty.	Description
-	198769	1	FUSE BOX ASSEMBLY - Perkins 2.2T
1	198654	1	• COVER, Bottom
2	198646	1	• BLOCK, Fuse box - Dual ISO relay
3	198647	1	• BLOCK, Fuse box - ISO relay/6 fuses
4	198651	1	• COVER, Top
5	198652	1	• BRACKET, Right hand
6	198653	1	• BRACKET, Left hand
7	198648	1	• SPACER, Relay half module
8	198649	1	• SPACER, Minifuse half module
9	198650	1	• SPACER, Relay
10	170626	1	• FUSE, ATM - 10A
11	198725	3	• FUSE, ATM - 5A
12	198726	1	• FUSE, ATM - 20A
13	198727	1	• FUSE, ATM - 30A
14	127131	3	• RELAY, 12V 40 amp

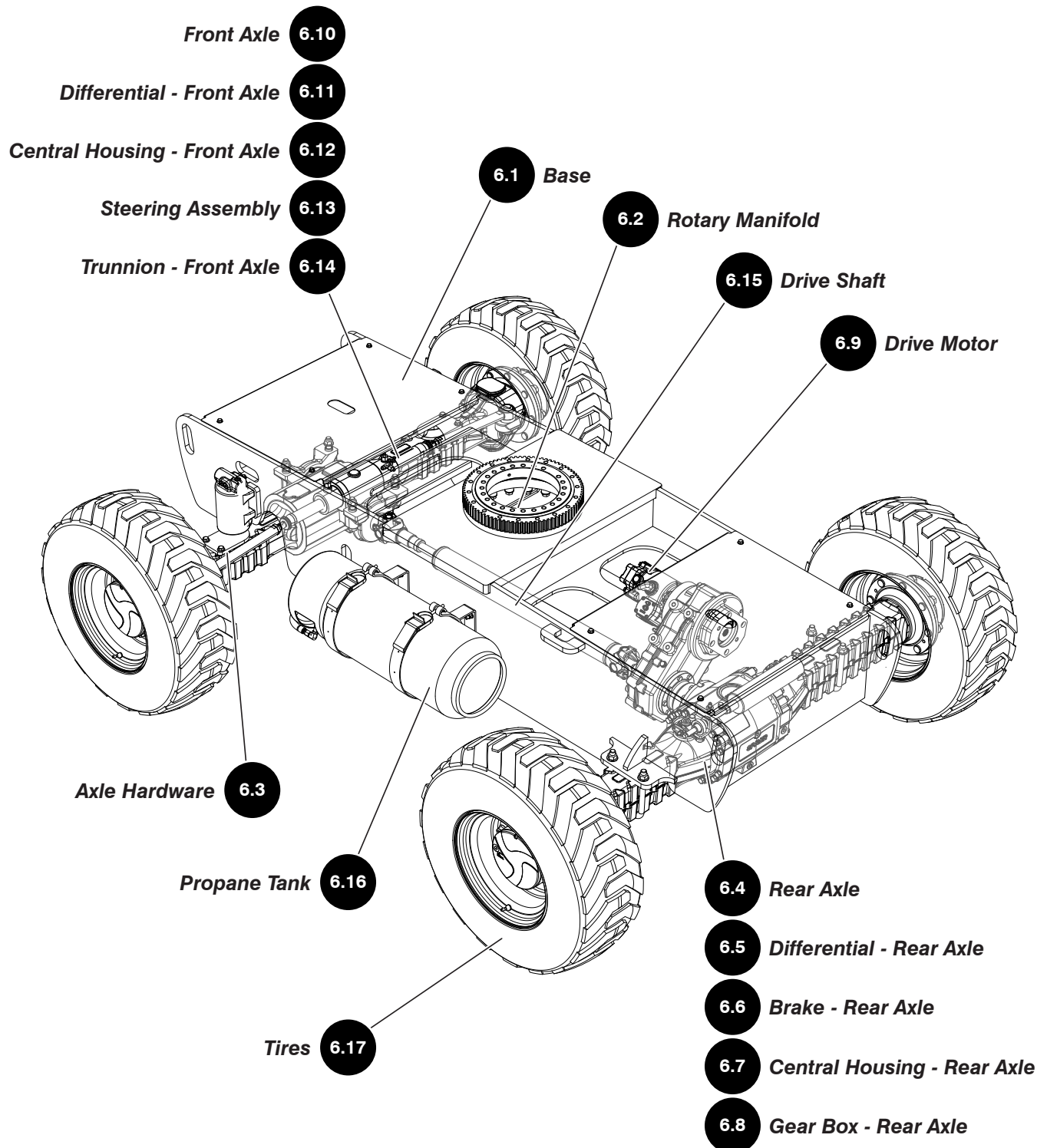
5.13 Engine Interface Harness - GM

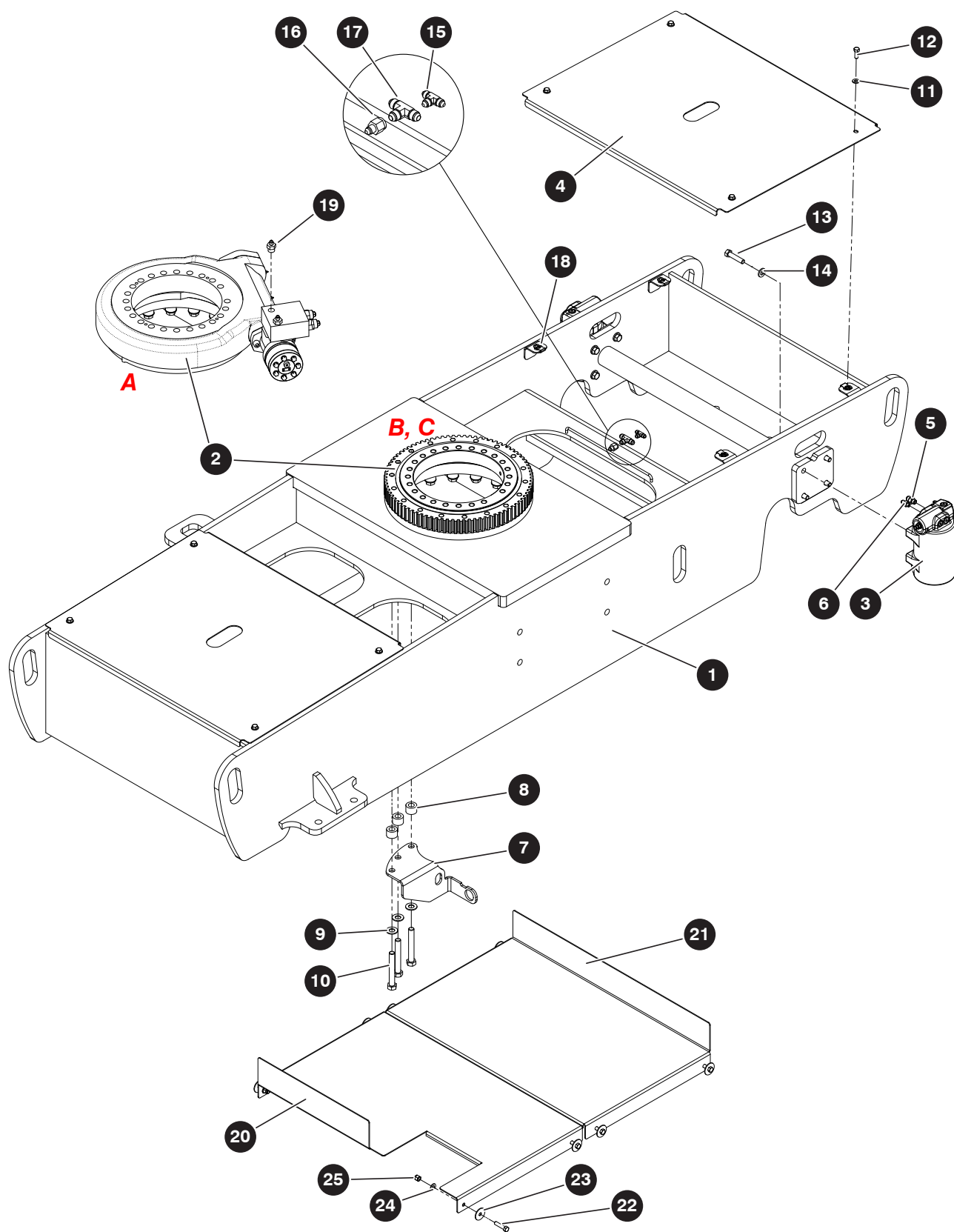


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Index No.	Skyjack Part No.	Qty.	Description
-	149481	1	HARNESS, Engine interface - GM
1	117586	1	• CONNECTOR, Receptacle (12 pin)
2	117588	1	• CONNECTOR, Receptacle (12 pin wedge)
3	117590	9	• CONNECTOR, Contact (16-18)
4	117594	3	• CONNECTOR, Seal plug
5	142361	1	• HOUSING, Female (150 GT sealed 16 way)
6	142363	1	• HOUSING, Male (150 GT sealed 16 way)
7	142365	11	• SEAL, Wire (150 GT series)
8	142366	21	• PLUG, Cavity (150 GT series)

Section 6 – Base



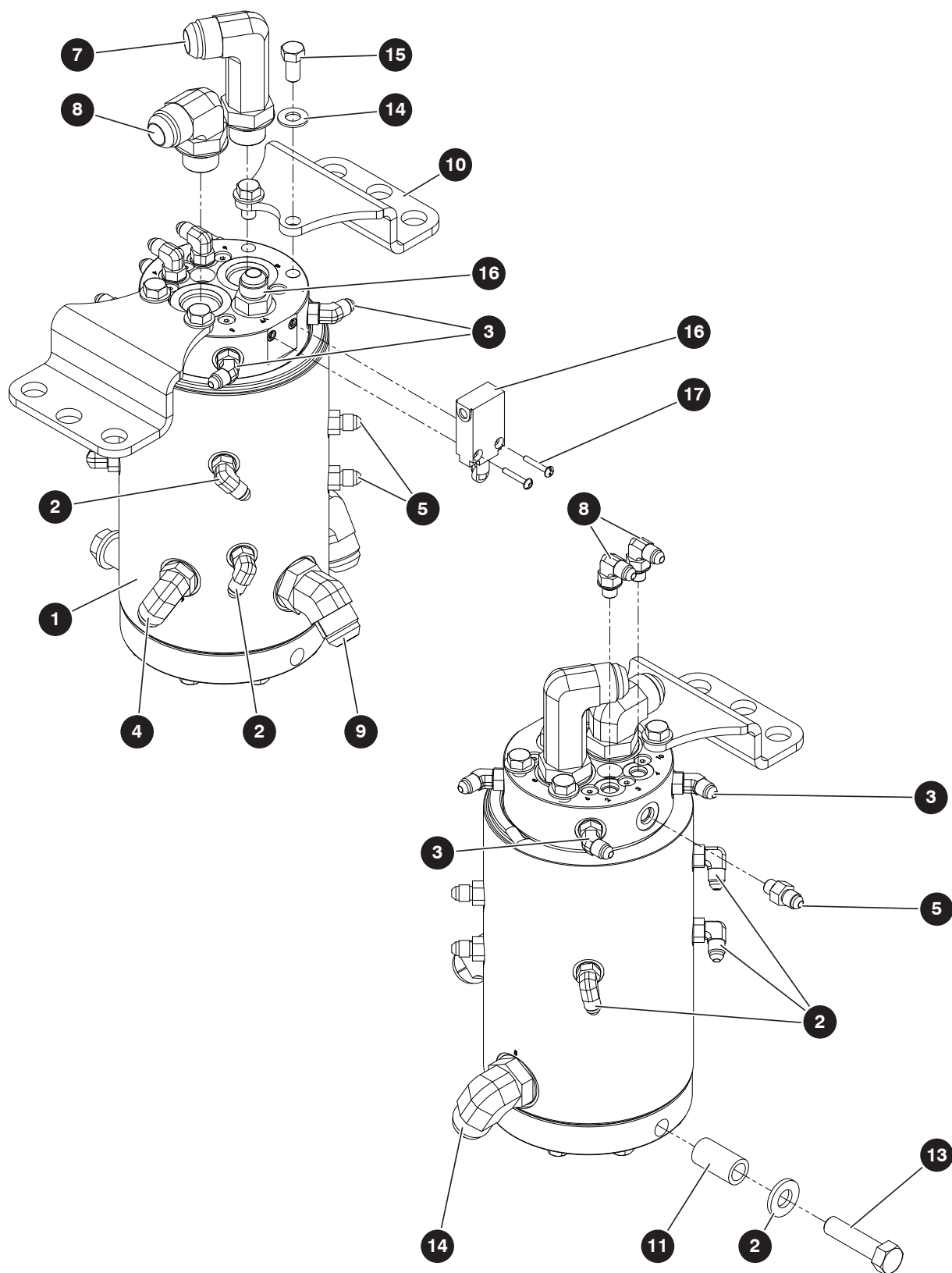


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Index No.	Skyjack Part No.	Qty.	Description
A	216671	1	BASE ASSEMBLY - serial number 95 002 909 & above
B	210404	1	BASE ASSEMBLY - serial number 95 002 085 to 95 002 908
C	168155	1	BASE ASSEMBLY - serial number 95 002 084 & below
1	210405	1	• WELDMENT, Base, A, B
	169608	1	• WELDMENT, Base, C
2	216673	1	• GEAR, Worm, A
	213546	1	• • MOTOR, Hydraulic - worm gear
	213545	1	• • SEAL KIT, Worm gear
	207357	1	• • SHIM KIT, Worm gear
	148705	1	• GEAR, Ring, B, C
3	(Ref.)	2	• AXLE LOCK CYLINDER ASSEMBLY (For components, refer to 3.8 Axle Lock Cylinder)
4	161172	2	• COVER, Chassis
5	103069	2	• FITTING, Straight (06 JICM - 06 ORBM)
6	126128	2	• FITTING, Straight (04 JICM - 04 ORBM)
7	149377	1	• BRACKET, Rotary manifold stop, C
8	149024	18	• SPACER, C
9	700782	18	• WASHER, Flat hardened (5/8")
10	701762	18	• BOLT, Hex head (5/8"-11 x 4.5", Grade 8)
11	103472	8	• WASHER, Flat (3/8")
12	103473	8	• BOLT, Hex head (3/8"-16 x 1.00", Grade 5)
13	207654	8	• BOLT, Hex head patch (1/2"-13 x 2.25", Grade 8)
14	104379	8	• WASHER, Flat hardened (1/2")
15	131697	1	• FITTING, Tee (04 JICM - 04 JICM - 04 JICM)
16	707041	1	• FITTING, Straight (06 JICF - 04 JICM)
17	131704	1	• FITTING, Tee (06 JICM - 06 JICM - 06 JICM)
18	159294	8	• NUT, Speed clip (3/8"-16)
19	701956	2	• FITTING, Straight (04 JICM - 08 ORBM), A
-	210408	1	HOSE TRAY ASSEMBLY - serial number 95 002 085 & above
20	208638	1	• PLATE, Bottom rear
21	208639	1	• PLATE, Bottom front
22	208945	8	• BOLT, Hex head (0.375"-16 x 1.625 gr 5)
23	127067	8	• WASHER, Flat (0.375" BB)
24	103472	8	• WASHER, Flat (0.375")
25	104606	8	• NUT, Lock (0.375"-16 gr 5 nylon)



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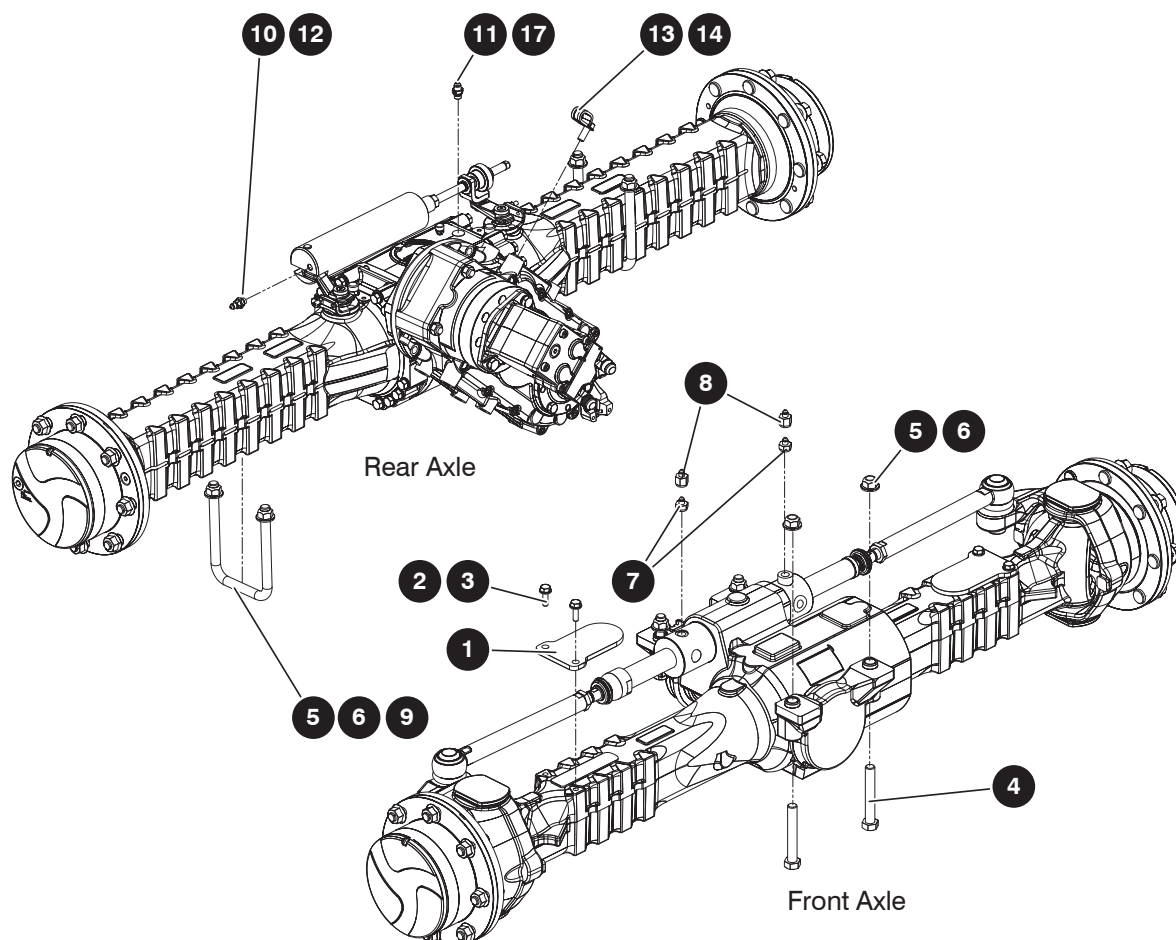
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	167709	-	ROTARY MANIFOLD ASSEMBLY - serial number 95 002 084 & below
-	208728	1	• ROTARY MANIFOLD
1	149380	1	• • MANIFOLD, Rotary
2	125883	7	• • FITTING, Elbow, 90° (04 JICM - 04 ORBM)
3	131716	4	• • FITTING, Elbow, 45° (04 JICM - 04 ORBM)
4	114583	1	• • FITTING, Elbow, 90° (08 JICM - 08 ORBM)
5	126128	3	• • FITTING, Straight (04 JICM - 04 ORBM)
6	102659	1	• • FITTING, Straight (08 JICM - 08 ORBM)
7	139099	1	• • FITTING, Elbow, 90° LL (12 JICM - 12 ORBM)
8	105445	2	• • FITTING, Elbow, 90° (12 JICM - 12 ORBM)
9	131707	1	• • FITTING, Elbow, 45° (12 JICM - 12 ORBM)
10	149378	2	• BRACKET, Rotary manifold
11	138956	1	• SPACER, Rotary manifold
12	104379	1	• WASHER, Flat hardened (1/2")
13	103904	1	• BOLT, Hex head (1/2"-13 x 2" Grade 5)
14	103472	4	• WASHER, Flat (3/8")
15	101632	4	• BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
K	154659	1	KIT, Seal (Rotary Manifold)
-	148610	-	DIRECTION SENSING LIMIT SWITCH - serial number 95 002 084 & below
16	199486	1	• SWITCH, Limit
	207850	1	• • HEAD, Limit switch
17	126499	2	• SCREW, Machine round head (#8-32 x 0.88")

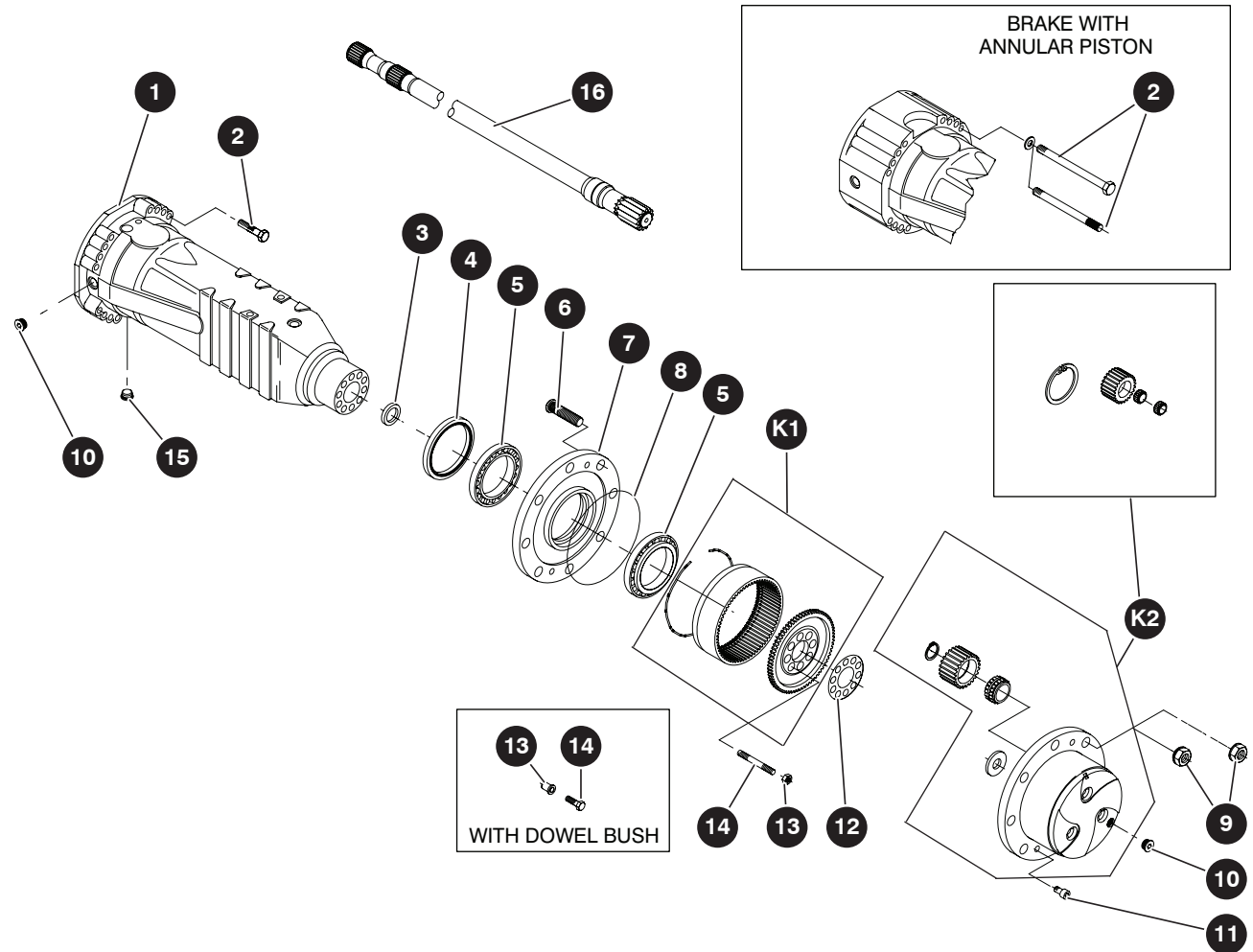
6.3 Axle Hardware



6.3 Axle Hardware

Index No.	Skyjack Part No.	Qty.	Description
1	159289	2	PLATE, Wear pad
2	152324	4	BOLT, Hex head (M12 x 1.75 x 25mm, Grade 8.8)
3	104379	4	WASHER, Flat hardened (1/2")
4	146773	4	BOLT, Hex head (3/4"-10 x 5", Grade 8)
5	702194	8	WASHER, Flat hardened (3/4")
6	700575	8	NUT, Torque lock (3/4"-10, Grade C)
7	152304	2	FITTING, Straight (08 JICM - M18 DIN 3852-1)
8	706812	2	FITTING, Straight (08 JICF - 04 JICM)
9	148866	2	U-BOLT, Axle mount
10	144128	1	FITTING, 90° (04 JICM - 04 BSPPM) - serial number 95 002 085 & above
	149195	1	FITTING, Straight (04 JICM - 04 BSPPM) - serial number 95 002 084 & below
11	149181	1	FITTING, Straight (06 JICM - M14 ISO6149)
12	139126	1	SEAL, British bonded (04BSPPM)
13	152333	1	CLAMP, Tube (5/8" cus double 17/32 hole)
14	138734	1	BOLT, Hex head (M14 x 2 x 30 mm, grade 8.8)
17	702875	1	FITTING, Straight (04JICM-04JICFS) - serial number 95 002 085 & above

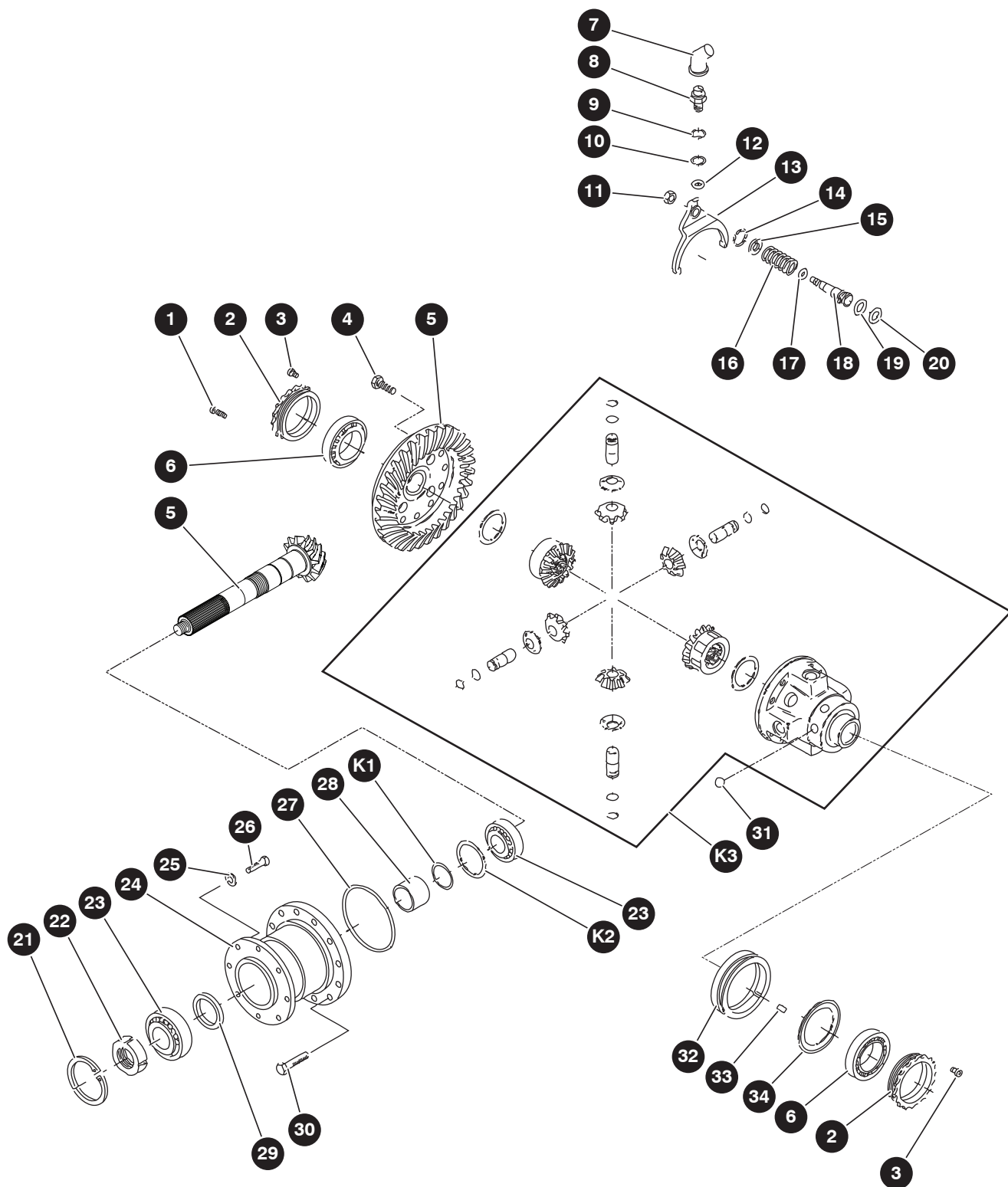
6.4 Rear Axle



6.4 Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	148916	1	REAR AXLE ASSEMBLY (with gear box)
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
17	(Ref.)	2	• DIFFERENTIAL ASSEMBLY (For components, refer to 6.5 Differential - Rear Axle)
18	(Ref.)	1	• BRAKES - REAR AXLE (For components, refer to 6.6 Brake - Rear Axle)
19	(Ref.)	1	• CENTRAL HOUSING ASSEMBLY (For components, refer to 6.7 Central Housing - Rear Axle)
K1	141042	2	KIT, Ring gear support
K2	141034	2	KIT, Planet gear carrier

6.5 Differential - Rear Axle



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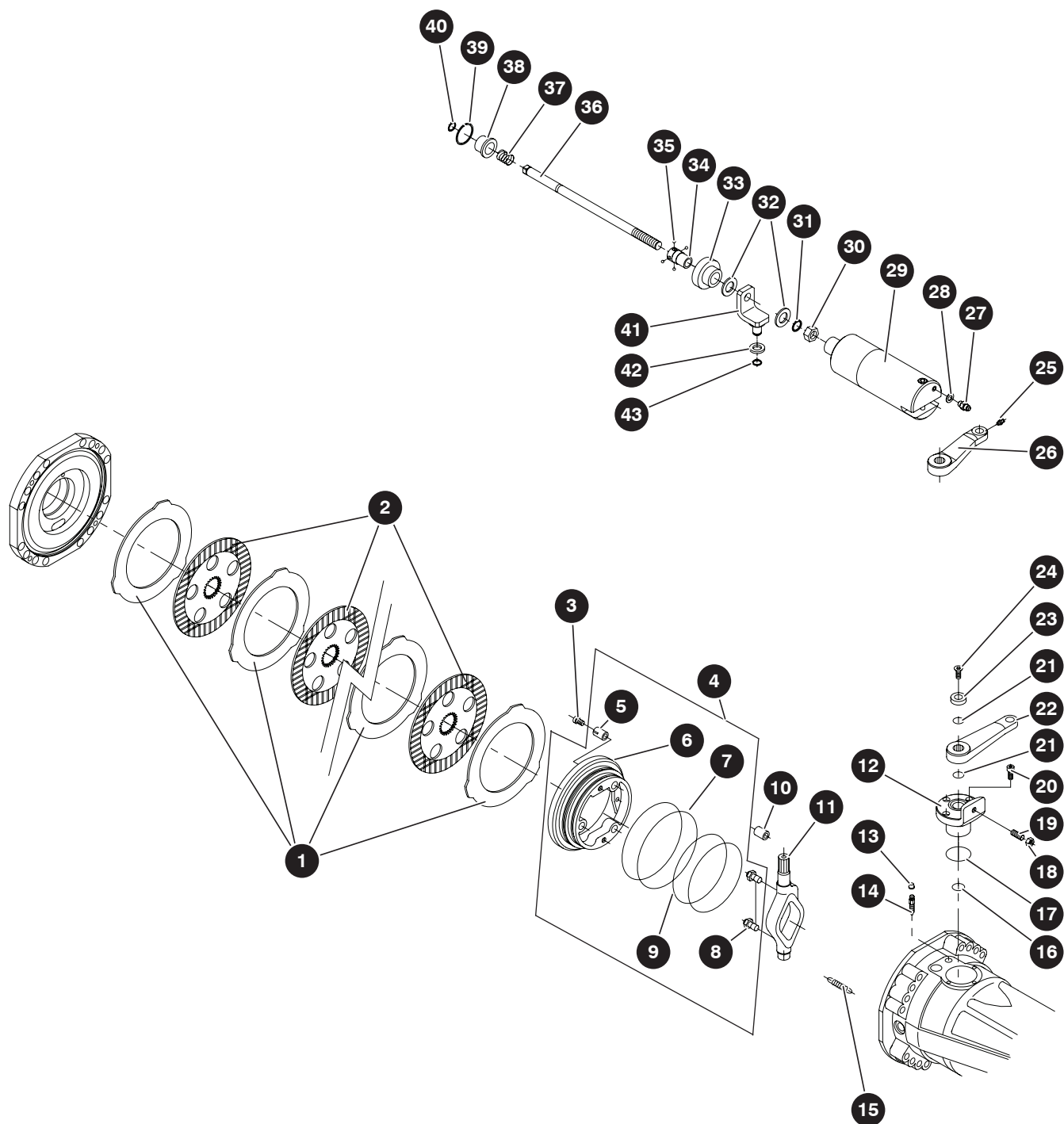
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6.5 Differential - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
1	140977	4	BOLT
2	141068	2	NUT, Ring
3	151768	2	BOLT
4	140993	12	BOLT
5	141065	1	GEAR SET, Bevel
6	140987	2	BEARING, Taper roller
7	154576	1	BOOT
8	154577	1	SWITCH, Security
9	154589	1	WASHER, Seal
10	154578	1	WASHER, Seal
11	154580	1	NUT
12	154579	1	O-RING
13	154588	1	SELECTOR FORK
14	154587	1	CIRCLIP
15	154586	1	PLUG
16	154585	1	SPRING
17	154571	1	CIRCLIP
18	154584	1	PISTON
19	154583	1	O-RING
20	154575	1	RING
21	140966	1	CIRCLIP
22	140980	1	RING NUT
23	140984	2	BEARING, Taper roller
24	141063	1	COVER
25	141075	8	WASHER, Spring
26	141076	8	BOLT, Hexagon
27	141064	1	O-RING
28	141062	1	SPACER
29	141074	1	SEAL
30	141072	12	BOLT, Hexagon
31	154574	6	BALL, Detent
32	154582	1	SELECTOR
33	154572	1	KEY
34	154581	1	SHEET
K1	140982	1	KIT, Shim
K2	140983	1	KIT, Shim
K3	154573	1	KIT, Differential position

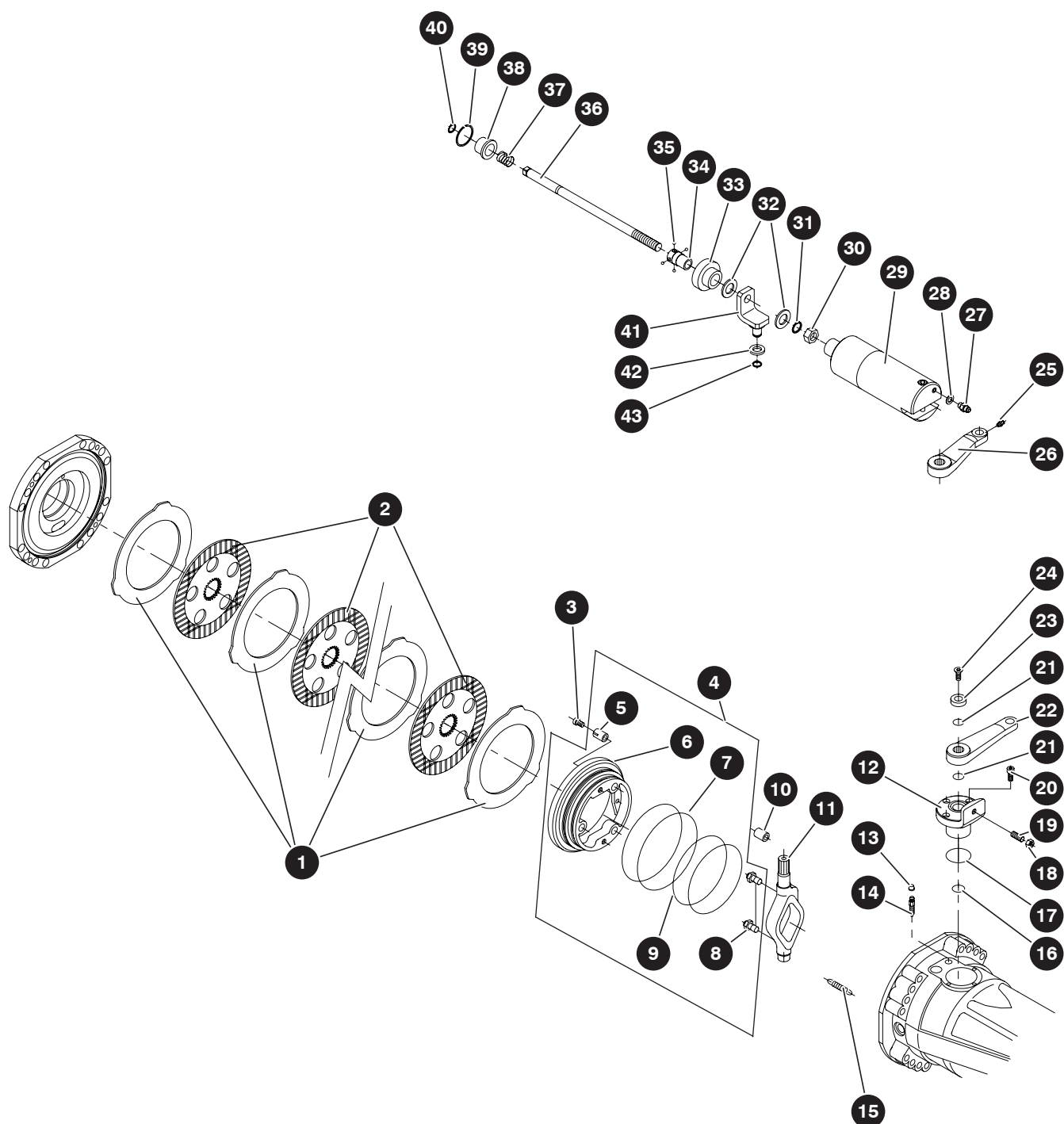
6.6 Brake - Rear Axle



6.6 Brake - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
1	141096	10	BRAKE DISC, Intermediate
2	141108	8	DISC, Brake
3	141097	6	BOLT, Adjusting
4	151757	1	PISTON (Right)
	151758	1	PISTON (Left)
5	141098	3	• SPRING
6	141109	1	• PISTON (Right)
	141099	1	• PISTON (Left)
7	141101	1	• O-RING
8	151759	2	• PUSHER
9	141107	1	• O-RING
10	141102	2	DOWEL
11	141085	1	LEVER (Right)
	141103	1	LEVER (Left)
12	141089	2	BUSHING, Reduction
13	141006	2	PLUG
14	141086	2	BOLT, Bleeding
15	141104	6	SPRING
16	141129	2	O-RING
17	141088	2	O-RING
18	141091	2	NUT
19	141090	2	BOLT
20	141087	6	BOLT
21	141092	2	O-RING
22	141093	1	LEVER
23	141094	2	WASHER
24	141095	2	BOLT, Countersunk
25	141112	1	FITTING, Grease
26	141110	1	LEVER
27	139126	1	SEAL, British bonded
28	149195	1	FITTING, Elbow 90° (04 JICM - 04 BSPPM)
29	141123	1	CYLINDER, Wheel
30	141122	1	NUT
31	141121	1	CIRCLIP
32	141113	2	WASHER
33	141119	1	BUSHING, Reduction
34	141124	1	BUSHING, Reduction
35	141118	4	BALL, Detend
36	141117	1	CAM, Brake
37	141116	1	SPRING
38	141115	1	BUSHING, Reduction

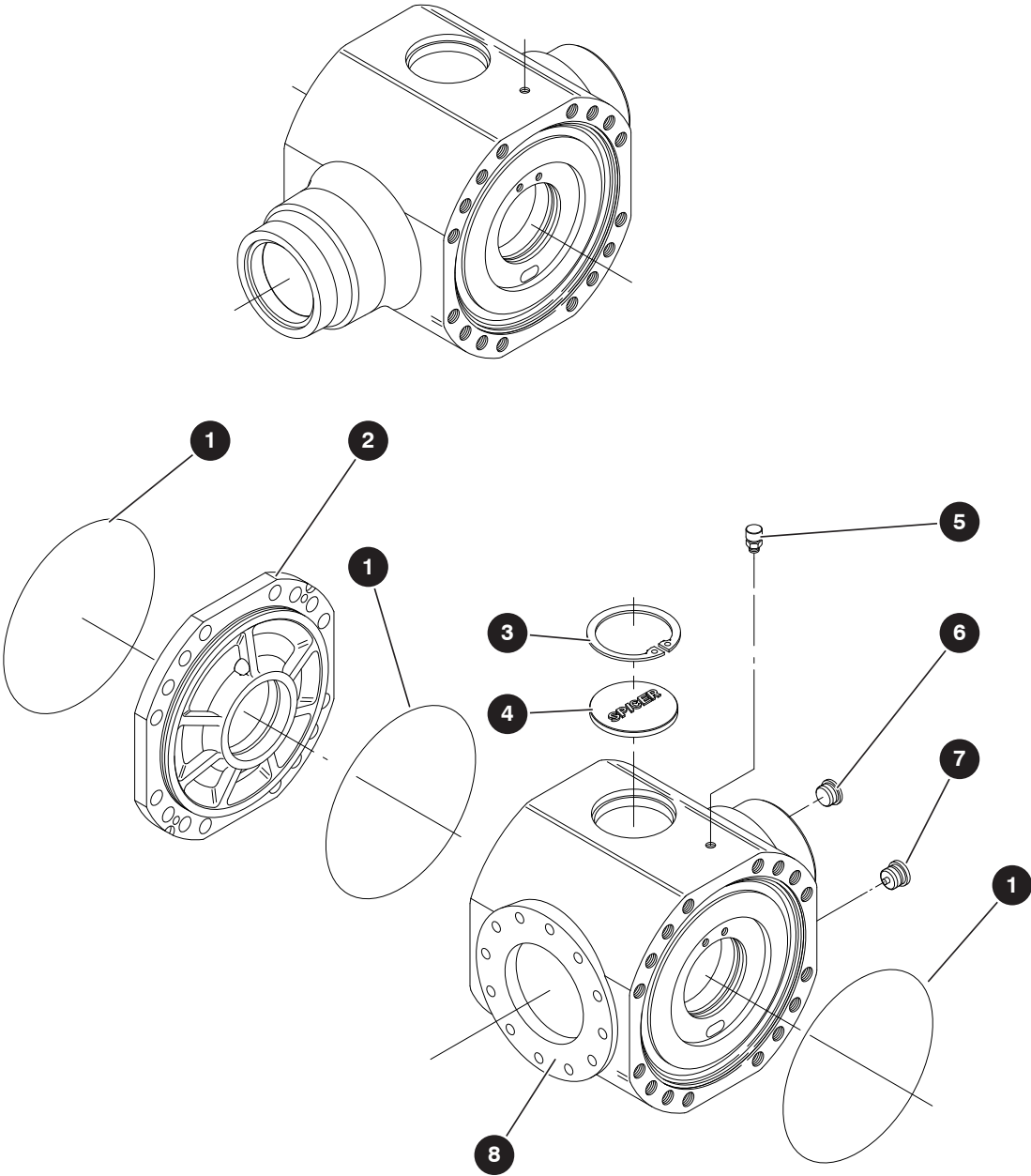
6.6 Brake - Rear Axle



6.6 Brake - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
39	141114	1	RING, Snap
40	141111	1	CIRCLIP
41	141120	1	SUPPORT
42	141126	1	SPACER
43	141125	1	CIRCLIP
K1	408688	1	KIT, Seal (Brake cylinder) (Not Shown)

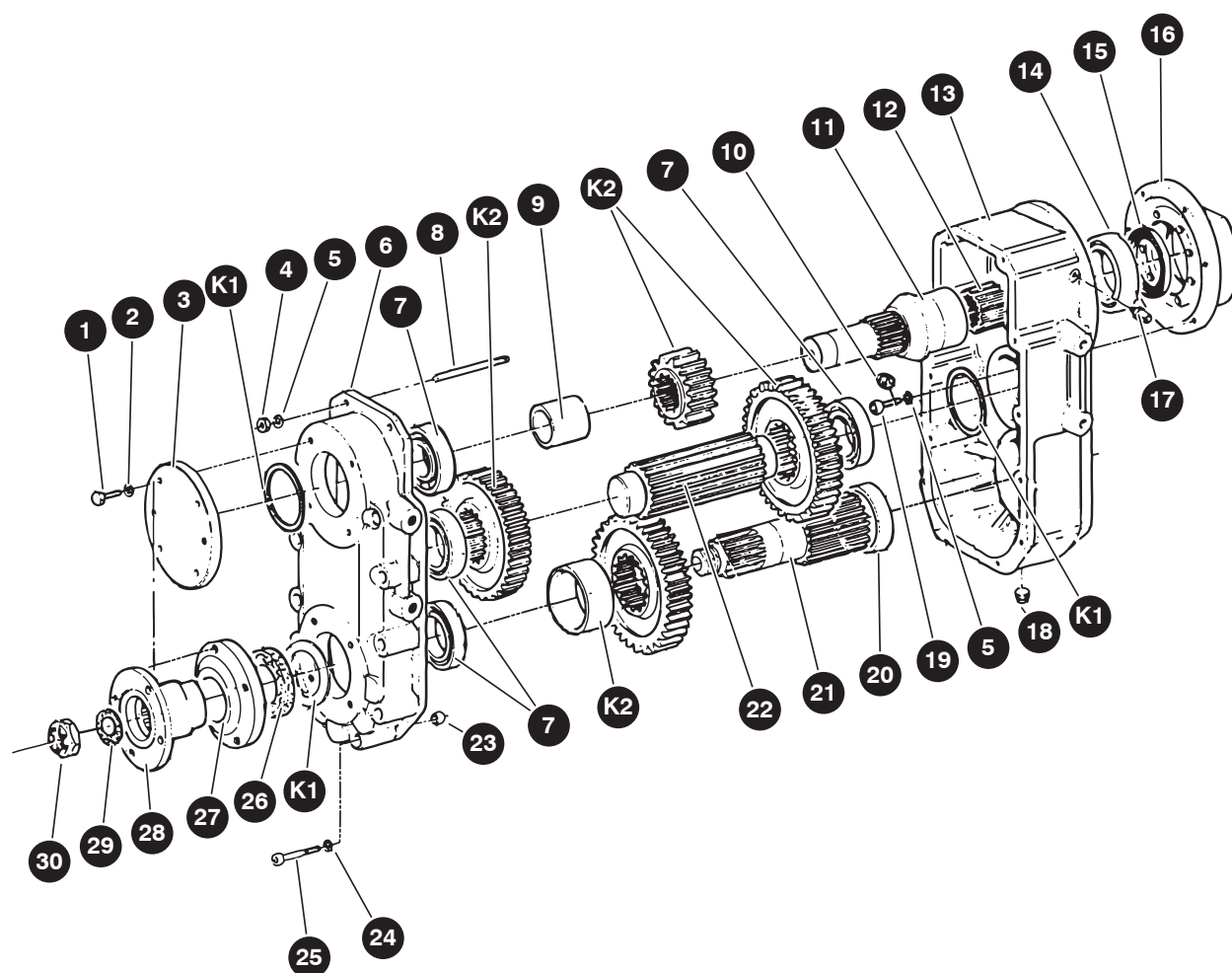
6.7 Central Housing - Rear Axle



6.7 Central Housing - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
1	140970	3	O-RING
2	141054	1	COVER, Intermediate
3	140966	1	CIRCLIP
4	140967	1	PLUG
5	141059	1	VENT
6	140969	1	PLUG
7	140968	1	PLUG, Magnet
8	154570	1	HOUSING

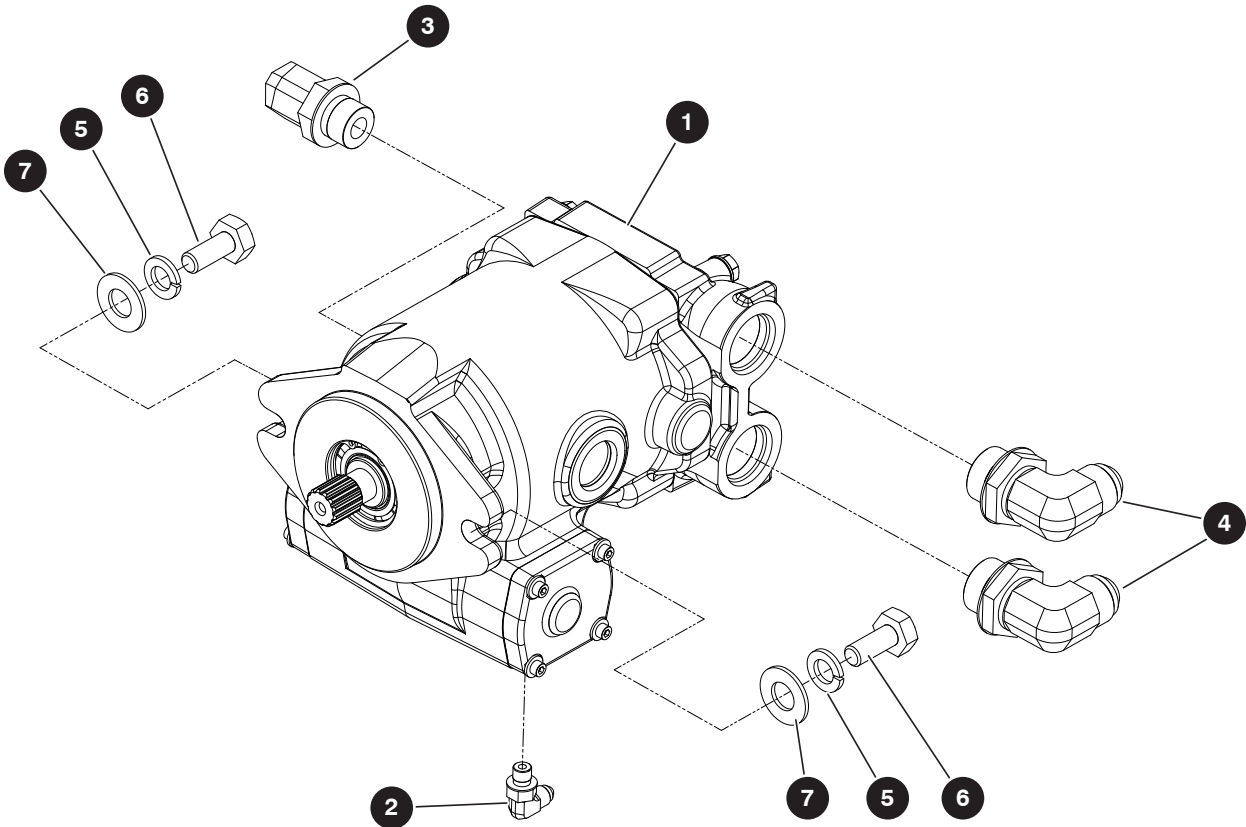
6.8 Gear Box - Rear Axle



6.8 Gear Box - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
1	141072	4	BOLT, Hex
2	141373	4	WASHER, Spring
3	154592	1	COVER
4	141363	2	NUT
5	141364	4	WASHER, Spring
6	154593	1	HOUSING
7	141137	3	BEARING, Ball
8	141367	2	STUD
9	141378	1	SPACER
10	141143	1	PLUG
11	154594	2	SHAFT, Input
12	154595	2	BUSHING
13	154596	1	COVER
14	141366	1	BEARING, Ball
15	141370	1	SEAL
16	141371	1	COVER
17	141134	1	VENT
18	141144	1	PLUG, Magnet
19	141383	4	BOLT
20	141375	1	SPACER
21	141376	1	SHAFT, Output
22	141377	1	SHAFT
23	141379	2	BUSHING, Reduction
24	141380	10	WASHER, Spring
25	141381	10	BOLT
26	141149	1	SEAL
27	141374	1	COVER
28	141151	1	FLANGE
29	141152	1	O-RING
30	141372	1	NUT
K1	140994	2	KIT, Shim
K2	141385	1	KIT, Gear

6.9 Drive Motor



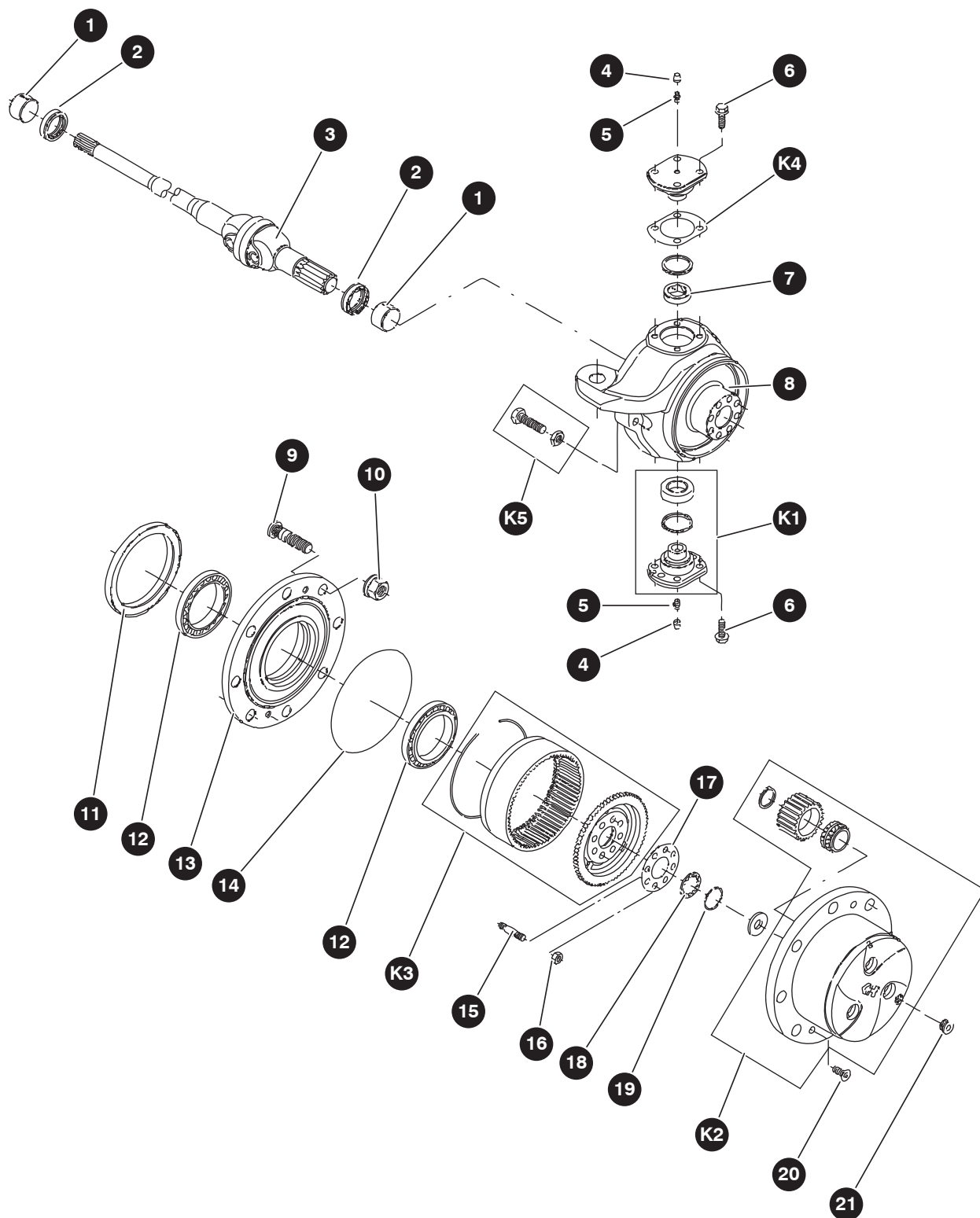
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6.9 Drive Motor

Index No.	Skyjack Part No.	Qty.	Description
-	161762	1	DRIVE MOTOR ASSEMBLY
1	161964	1	• MOTOR, Hydraulic drive
2	125883	1	• FITTING, Elbow, 90° (04 JICM - 04 ORBM)
3	112366	1	• FITTING, Elbow, 90° (08 JICM - 12 ORBM)
4	710124	2	• FITTING, Elbow, 90° (12 JICM - 16 ORBM)
5	138738	2	• WASHER, Lock (M14)
6	138734	2	• BOLT, Hex head (M14 x 2 x 30mm, ZP, Grade 8.8)
7	700782	2	• WASHER, Flat hardened (5/8")

6.10 Front Axle



M148701AA_HR

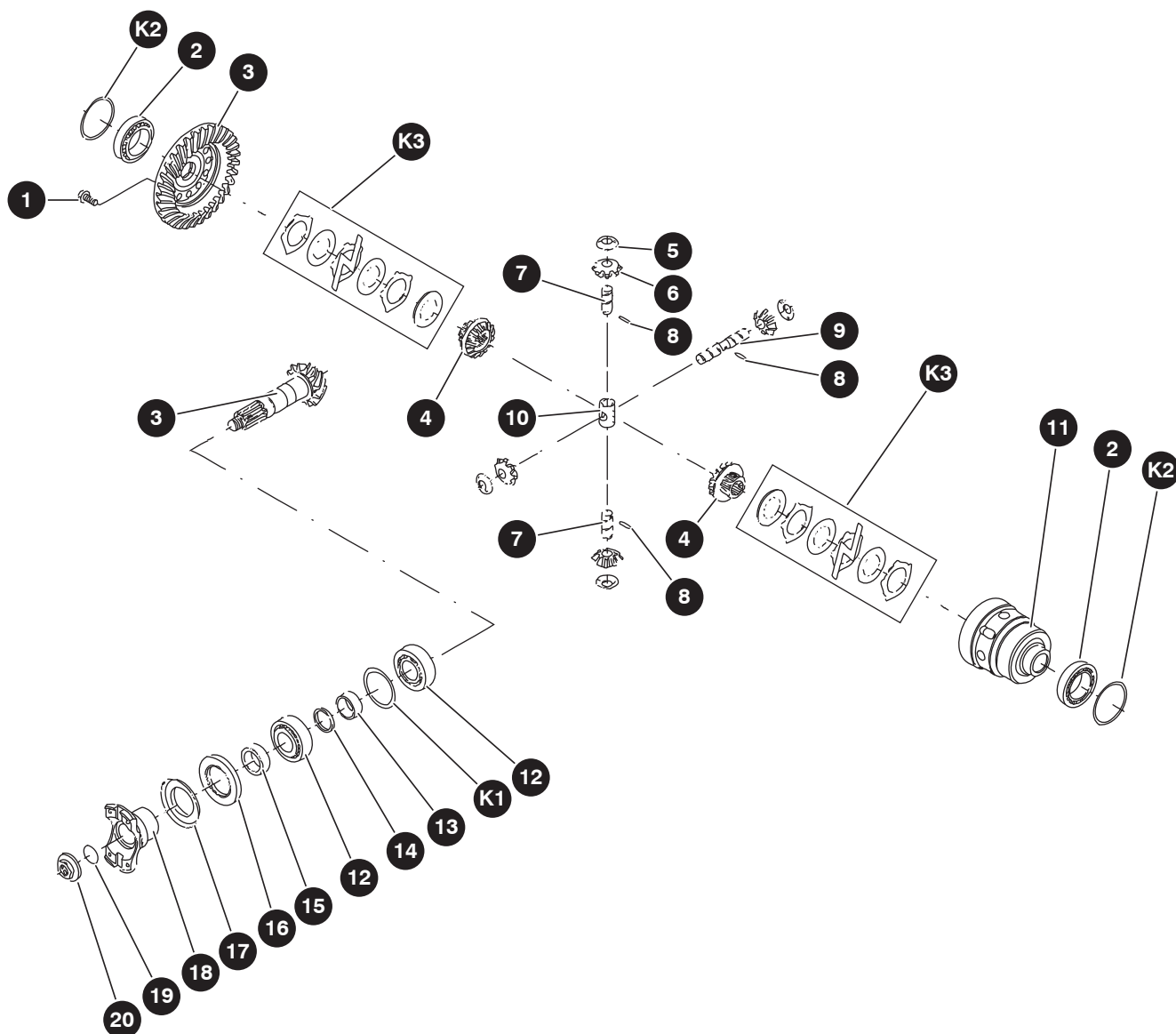
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6.10 Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	148701	1	FRONT AXLE ASSEMBLY
1	154624	2	• BUSHING, Thrust
2	154625	4	• SEAL
3	154626	2	• JOINT
4	141006	4	• PLUG
5	141014	4	• FITTING, Grease
6	140993	20	• BOLT
7	151765	2	• BUSHING
8	154630	1	• CASE, Steering (Left)
	154629	1	• CASE, Steering (Right)
9	154632	16	• STUD, Wheel
10	141168	16	• NUT
11	154631	2	• SEAL
12	154638	4	• BEARING
13	154639	2	• HUB, Wheel
14	140970	2	• O-RING
15	154637	16	• STUD
16	154636	16	• NUT
17	154634	2	• PLATE, Locking
18	154635	2	• SPACER
19	141036	2	• CIRCLIP
20	141033	4	• BOLT, Countersunk
21	140969	2	• PLUG
K1	154628	2	• KIT, Pivot pin
K2	141034	2	• KIT, Planet gear carrier
K3	154633	2	• KIT, Ring gear support
K4	154627	2	• KIT, Shim
K5	141017	4	• KIT, Steering adjust bolt

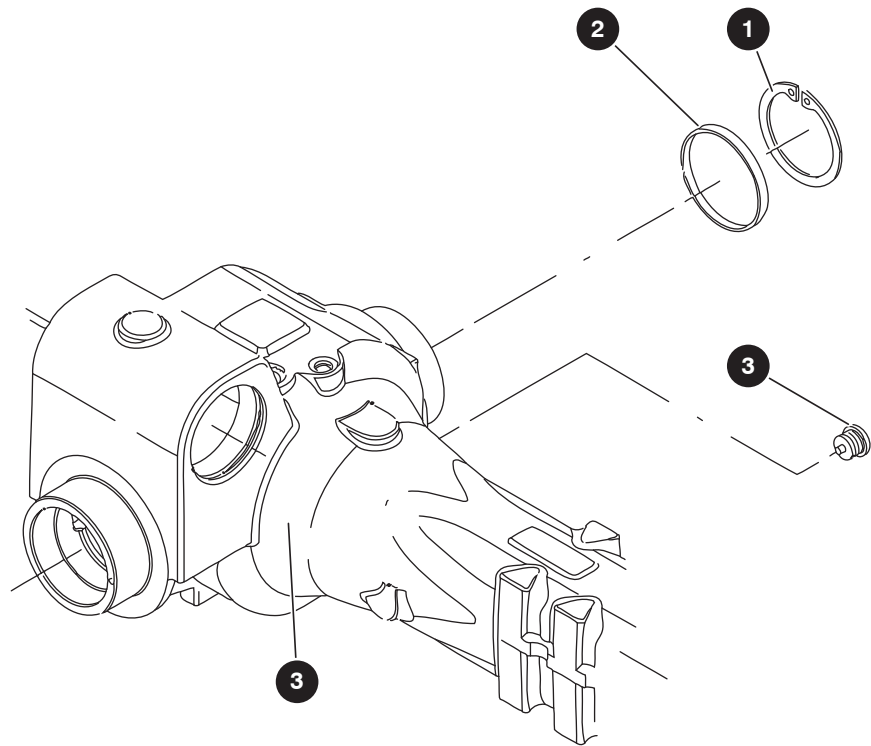
6.11 Differential - Front Axle



6.11 Differential - Front Axle

Index No.	Skyjack Part No.	Qty.	Description
1	154612	12	BOLT
2	154613	2	BEARING, Taper roller
3	154611	1	GEAR SET, Bevel
4	154617	2	DIFFERENTIAL SIDE GEAR
5	154619	4	WASHER, Friction
6	154618	4	DIFFERENTIAL PINION
7	154620	2	PIN
8	154621	3	DOWEL
9	154622	1	PIN
10	154623	1	SHAFT RETAINER
11	154614	1	DIFFERENTIAL CARRIER
12	154604	2	BEARING
13	154605	1	SPACER
14	154609	1	RING
15	154608	1	SPACER
16	140976	1	SEAL
17	154607	1	COVER PLATE
18	154603	1	FLANGE
19	154606	1	O-RING
20	141372	1	NUT
K1	154610	1	KIT, Shim
K2	154615	2	KIT, Shim
K3	154616	2	KIT, Clutch disc

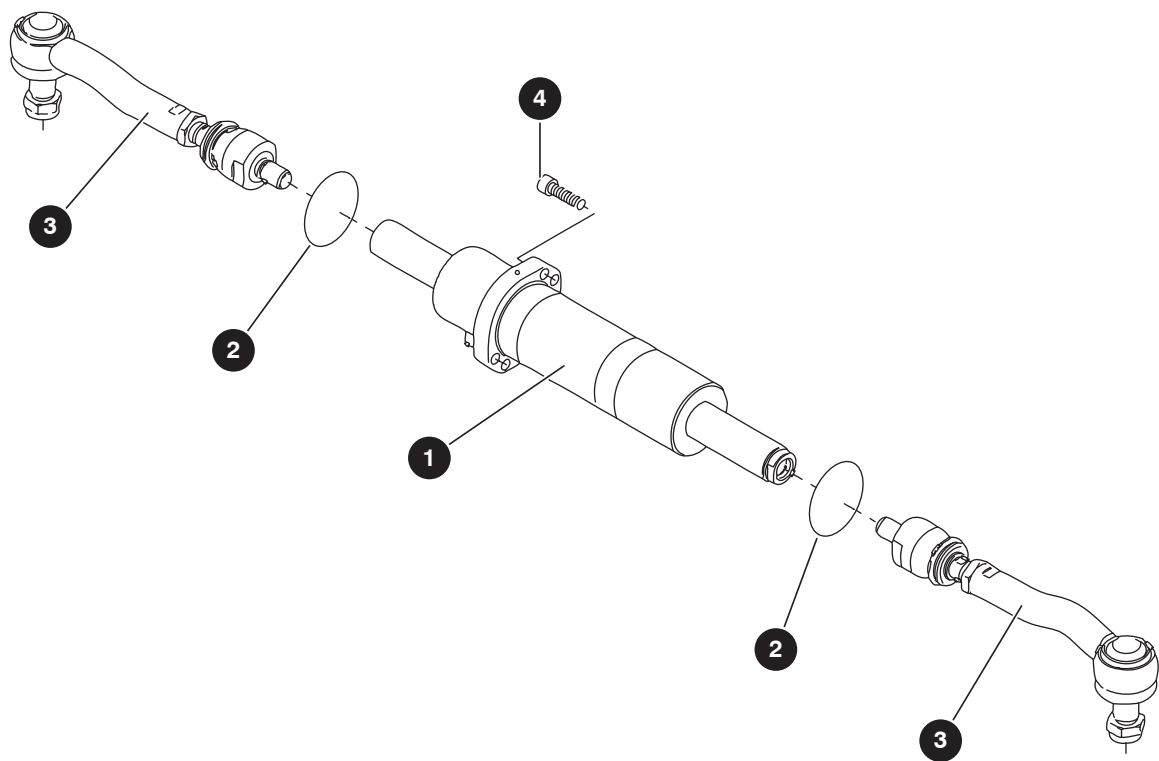
6.12 Central Housing - Front Axle



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Index No.	Skyjack Part No.	Qty.	Description
1	140966	1	CIRCLIP
2	140967	1	PLUG
3	154600	1	PLUG, Magnet
4	154601	1	CASE, Axle

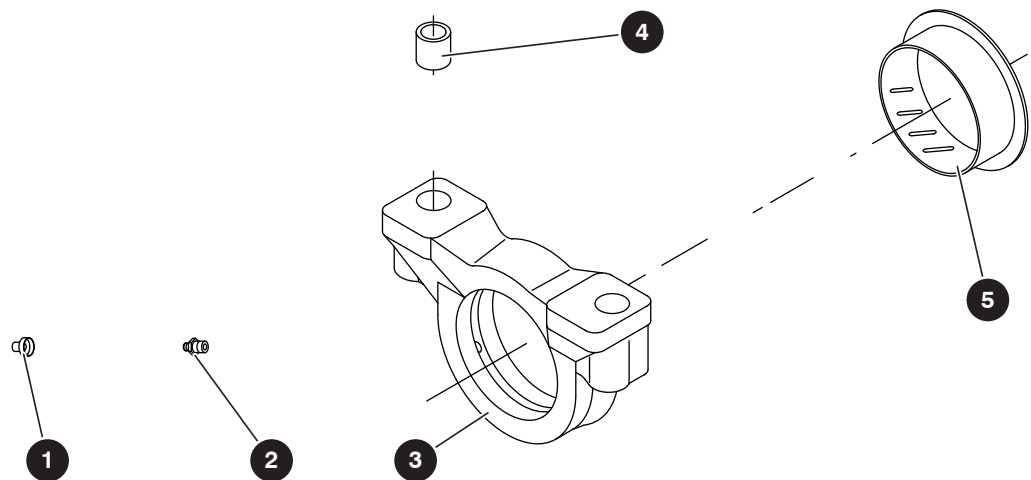
6.13 Steering Assembly



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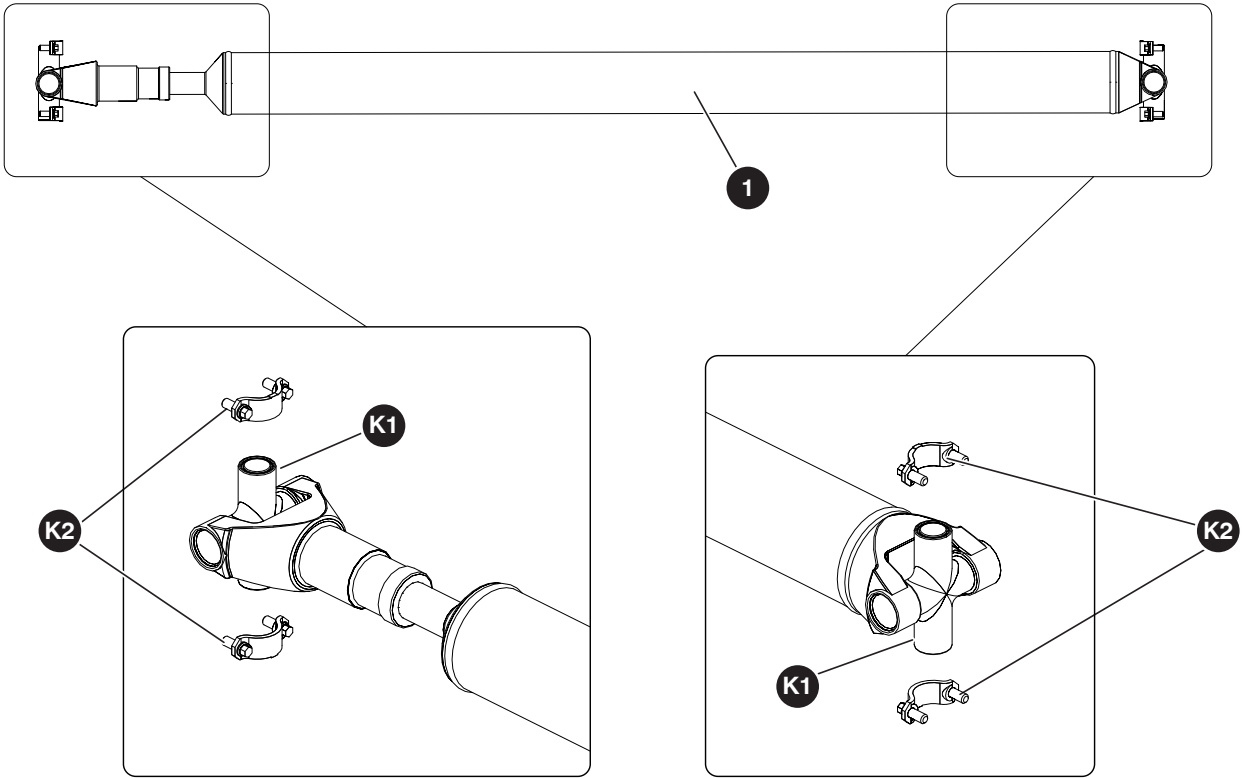
Index No.	Skyjack Part No.	Qty.	Description
1	154641	1	CYLINDER
2	154642	4	RING
3	154643	2	TIE ROD, Articulated
4	154644	4	BOLT
K	168050	1	KIT, Seal (Steer Cylinder) (not shown)

6.14 Trunnion - Front Axle



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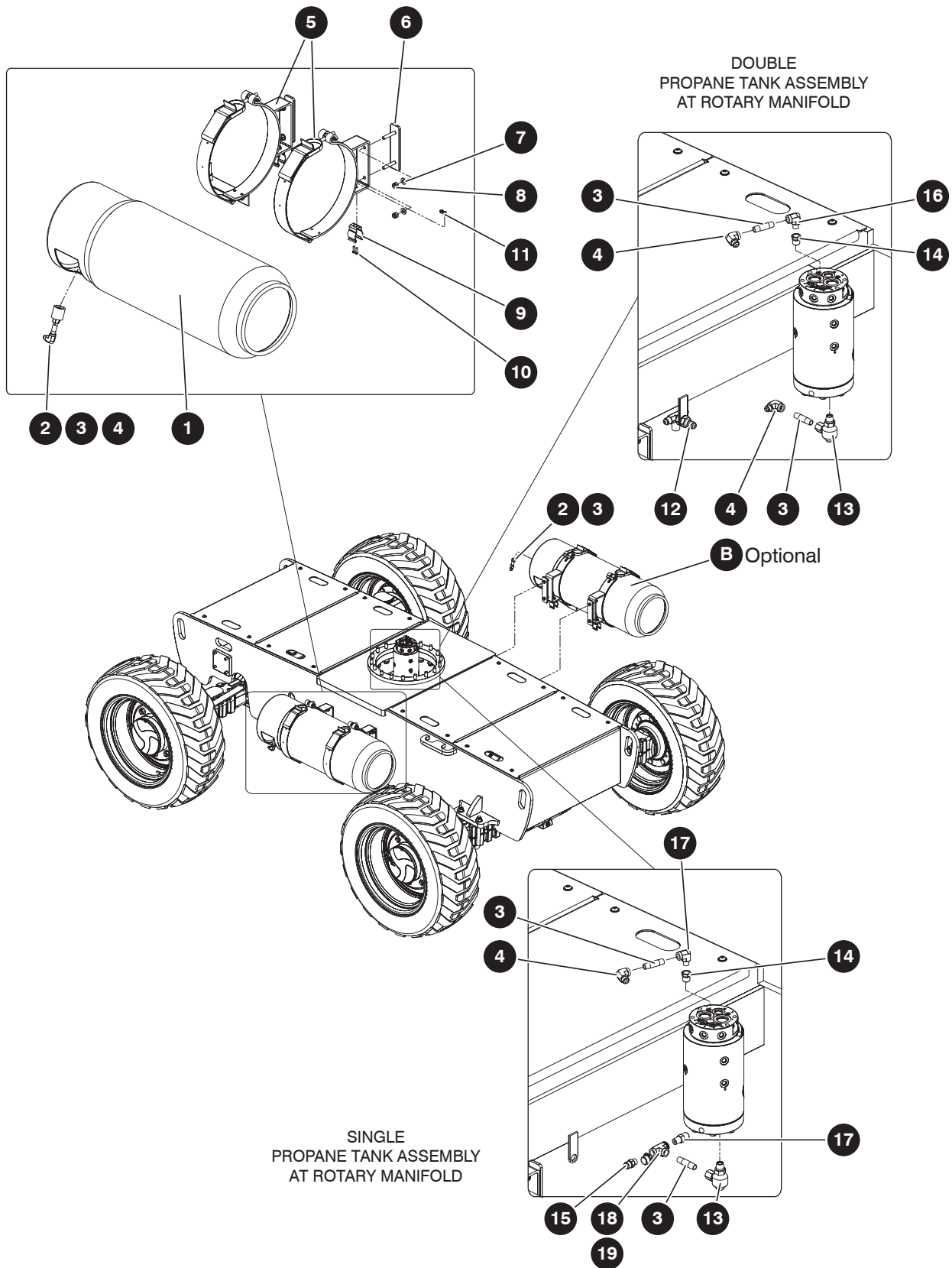
Index No.	Skyjack Part No.	Qty.	Description
1	141006	2	PLUG
2	141014	2	FITTING, Grease
3	154646	2	SUPPORT
4	141048	4	BUSHING, Reduction
5	154645	2	BUSHING, Thrust



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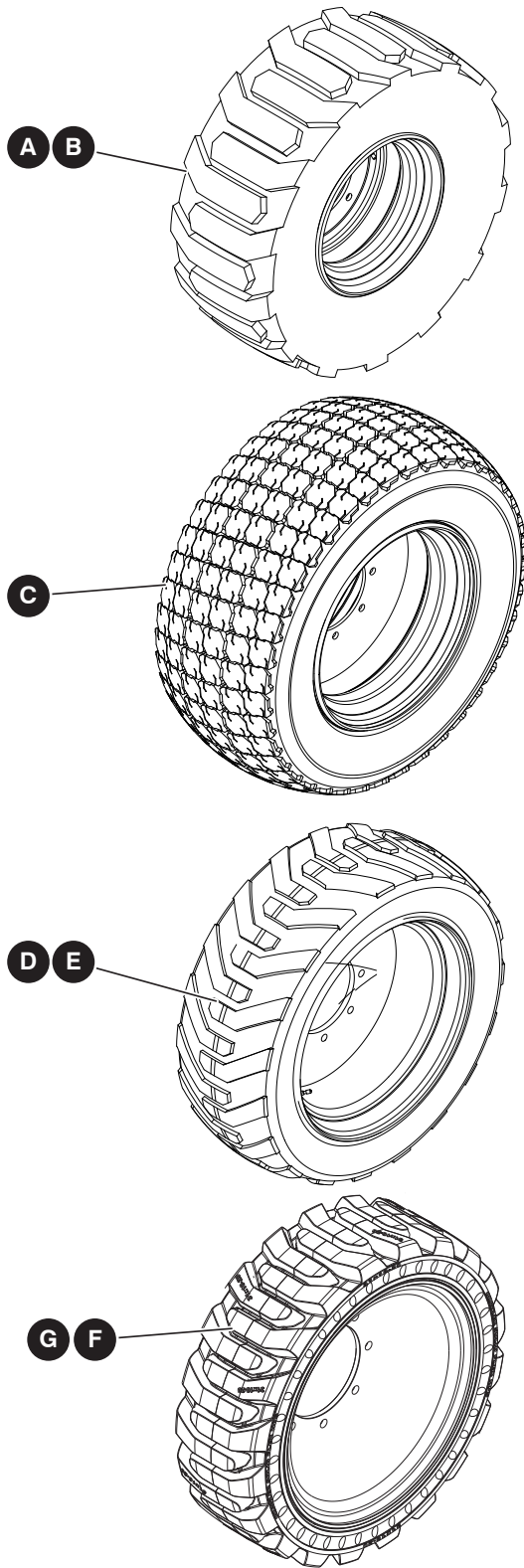
Index No.	Skyjack Part No.	Qty.	Description
1	148962	1	SHAFT, Drive
K1	216872	2	U-JOINT
K2	138731	2	STRAP KIT, U-joint

6.16 Propane Tank



Index No.	Skyjack Part No.	Qty.	Description
A	211433	1	SINGLE PROPANE TANK - 44 lb (Standard) - S/N 95 002 085 & above
B	148680	1	SINGLE PROPANE TANK - 44 lb (Standard) - S/N 95 002 084 & below
C	213073	1	SINGLE PROPANE TANK - 33 lb - S/N 95 002 085 & above
D	211431	1	DOUBLE PROPANE TANK - 44 lb - S/N 95 002 085 & above
E	148681	1	DOUBLE PROPANE TANK - 44 lb - S/N 95 002 084 & below
F	213075	1	DOUBLE PROPANE TANK - 33 lb - S/N 95 002 085 & above
1	702253	1	• BOTTLE, Propane (43.5#), A, B, C
	702253	2	• BOTTLE, Propane (43.5#), D, E, F
2	103006	1	• QUICK COUPLING, Female tank, A, B, C
	103006	2	• QUICK COUPLING, Female tank, D, E, F
3	143478	3	• NIPPLE, Brass (1/4 NPT x 2"), A
	143478	4	• NIPPLE, Brass (1/4 NPT x 2"), B
4	144334	2	• FITTING, Elbow 90° (06 SAE 45M - 04 NPTF), A, B, C
	144334	4	• FITTING, Elbow 90° (06 SAE 45M - 04 NPTF), D, E, F
5	144295	1	• MOUNTING, Propane bottle, A, B, C
	144295	2	• MOUNTING, Propane bottle, D, E, F
	221768	2	• • BRACKET, Propane tank
	221769	2	• • LATCH
	221770	1	• • PIN, Locating
	221771	2	• • SCREW, Sem
6	149029	2	• RETAINER, Propane mount, A, B, C
	149029	4	• RETAINER, Propane mount, D, E, F
7	125959	4	• WASHER, Flat hardened (3/8"), A, B, C
	125959	8	• WASHER, Flat hardened (3/8"), D, E, F
8	104606	4	• NUT, Hex lock (3/8"-16 Grade 5, nylon), A, B, C
	104606	8	• NUT, Hex lock (3/8"-16 Grade 5, nylon), D, E, F
9	137235	2	• CLIP, Gripper (1.5"-2.5 diameter), A, B, C
	137235	4	• CLIP, Gripper (1.5"-2.5 diameter), D, E, F
10	138834	4	• SCREW, Round head machine (#10-24 x 3/4"), A, B, C
	138834	8	• SCREW, Round head machine (#10-24 x 3/4"), D, E, F
11	126642	4	• NUT, Hex lock (#10-24 Grade 5, nylon), A, B, C
	126642	8	• NUT, Hex lock (#10-24 Grade 5, nylon), D, E, F
12	123062	1	• SHUTTLE TEE, D, E, F
13	702239	1	• FITTING, 90° live swivel (04 NPTF - 06 NPTM)
14	100385	1	• FITTING, Straight (06 MP - 04 FP)
15	103156	1	• FITTING, Straight (06 SAE 45M - 04 NPTM), A, B, C
16	103164	1	• FITTING, Straight (06 SAE 45M - 04 NPTF)
17	300799	1	• VALVE RELIEF, A, B, C
18	111622	1	• CAP, Rain (for H123 valve), A, B, C
19	132919	1	• FITTING, Tee (4 NPTF), A, B, C
20	(Ref.)	1	• HOSE ASSEMBLIES

6.17 Tires



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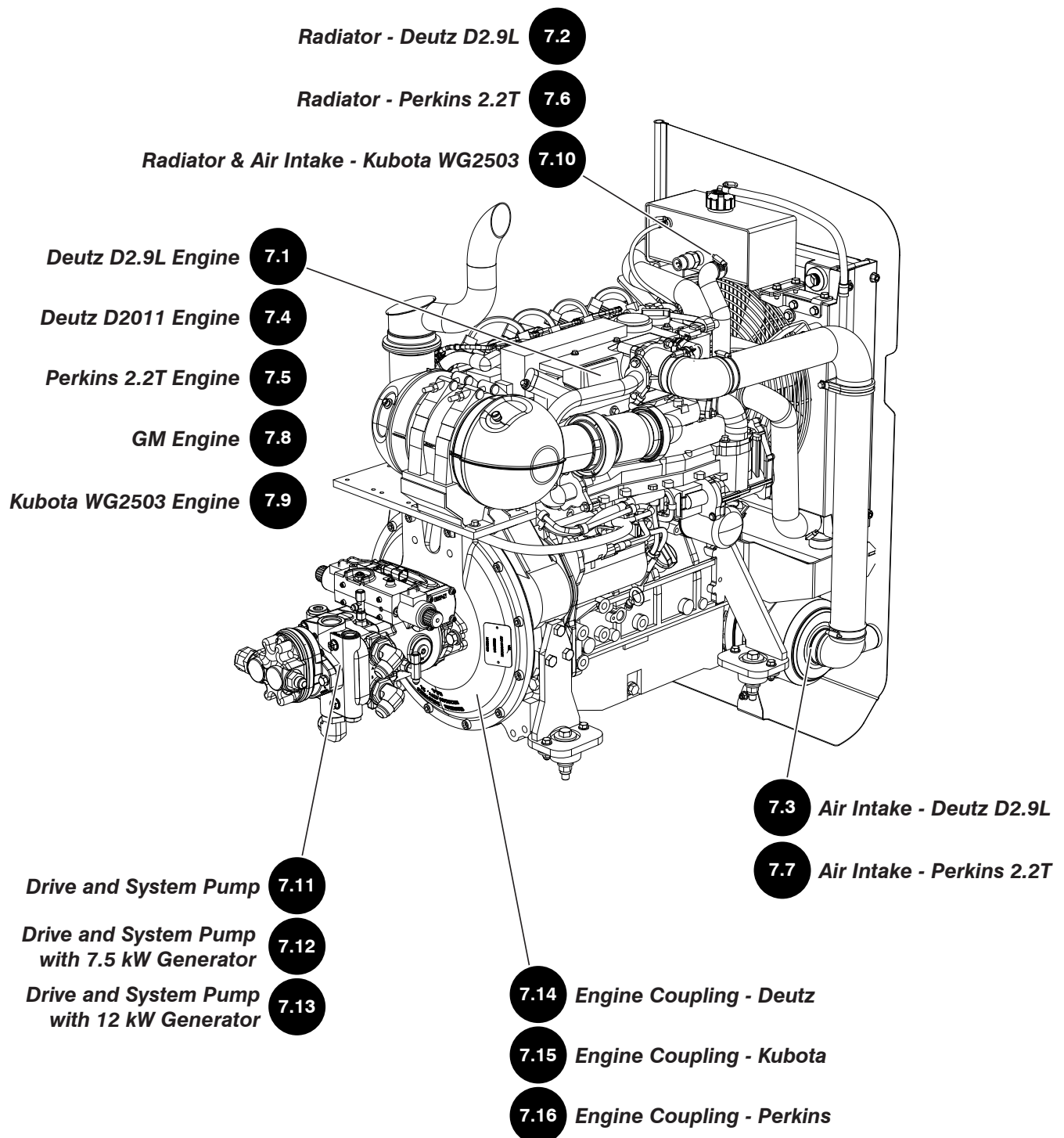
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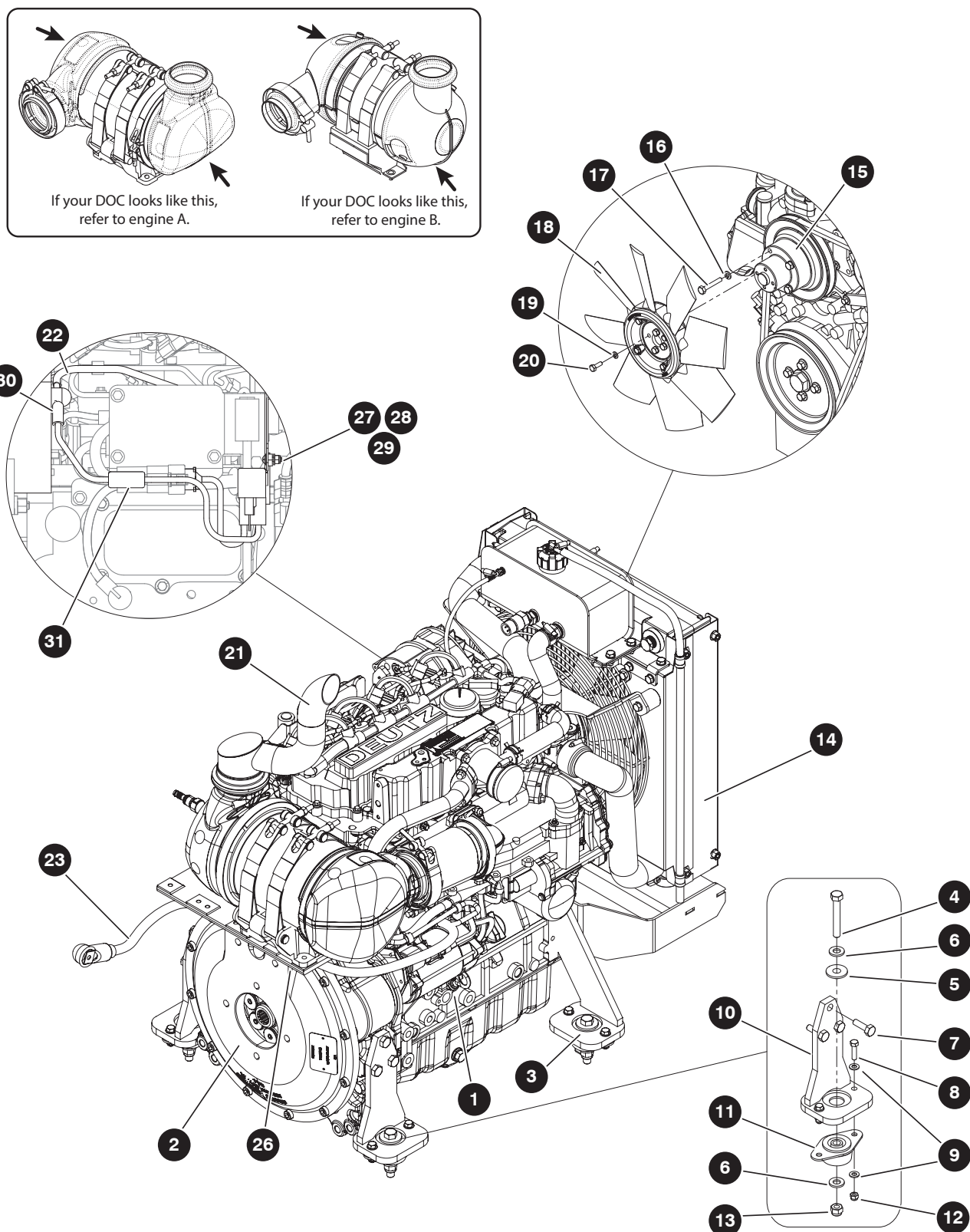
6.17 Tires

Index No.	Skyjack Part No.	Qty.	Description
A	138733	2	WHEEL ASSEMBLY, Left hand (Air filled) - ANSI/CSA
	138732	2	WHEEL ASSEMBLY, Right hand (Air filled) - ANSI/CSA
B	167240	2	WHEEL ASSEMBLY, Left hand - Foam filled
	167241	2	WHEEL ASSEMBLY, Right hand - Foam filled
C	144306	4	WHEEL ASSEMBLY, High flotation - ANSI/CSA
D	149476	2	WHEEL ASSEMBLY, Left hand - Air filled, Non-marking, ANSI/CSA
	149478	2	WHEEL ASSEMBLY, Right hand - Air filled, Non-marking, ANSI/CSA
E	167444	2	WHEEL ASSEMBLY, Left hand - Foam filled, Non-marking
	167443	2	WHEEL ASSEMBLY, Right hand - Foam filled, Non-marking
F	222306	2	WHEEL ASSEMBLY, Left hand - Solid, ANSI/CSA - SJ46AJ
	222307	2	WHEEL ASSEMBLY, Right hand - Solid, ANSI,CSA - SJ46AJ
G	222078	2	WHEEL ASSEMBLY, Left hand - Solid, Non-marking, ANSI/CSA - SJ46AJ
	222079	2	WHEEL ASSEMBLY, Right hand - Solid, Non-marking, ANSI/CSA - SJ46AJ
1	138727	1	• RIM (16 1/2" x 9 3/4", 7/8" offset), A, B
	144307	1	• RIM (19 1/2" x 14" Duplex), C
	149367	1	• RIM (20" x 11", 1/4" offset), D, E
2	710109	1	• TIRE (12/16.5 10 PLY), A, B
	144308	1	• TIRE, High flotation (33/16LL500), C
	148915	1	• TIRE (315/55D20), D, E
	149477	1	• TIRE, Non-marking (315/55D20), D, E
3	143996	1	• VALVE STEM, TR-51, A, B
	144309	1	• VALVE STEM, OTR, C, D, E
4	162400	1	• TIRE FILL, Foam (40/60 rubber crumb), B, E
5	215993	1	• RIM (7-1/2" x 20", 2-1/2" offset), F, G
6	215998	1	• TIRE, Brawler solid (31 x 10-20), F
	222080	1	• TIRE, Brawler solid (31 x 10-20), G
7	141850	4	VALVE STEM, Green (Air tires with sealant)
8	139635	5.9L	SEALANT, Tire (Air tires with sealant)
L1	141848	1	LABEL, Tire sealant - Air tires with sealant
			"

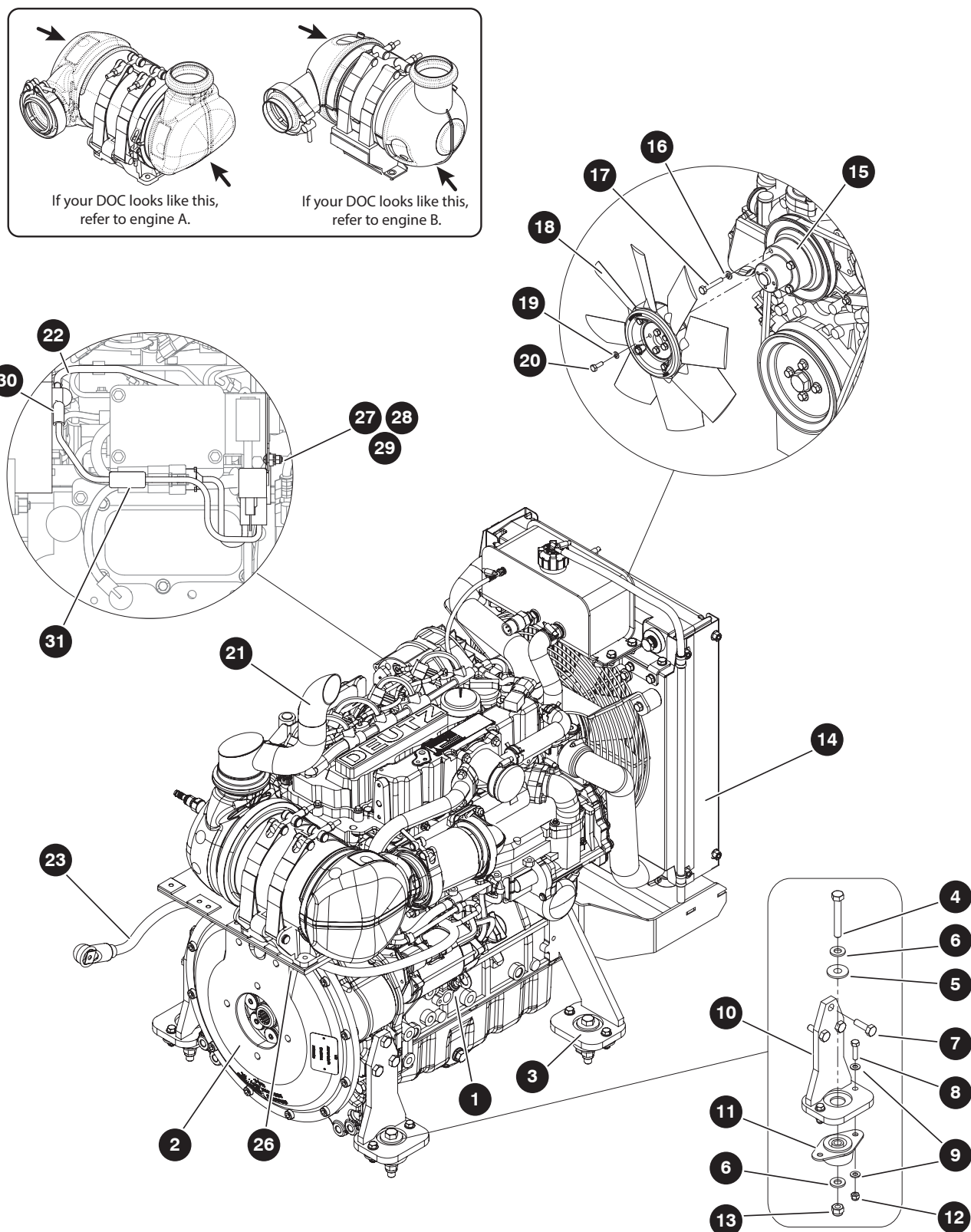
 **Notes**

Section 7 – Engines

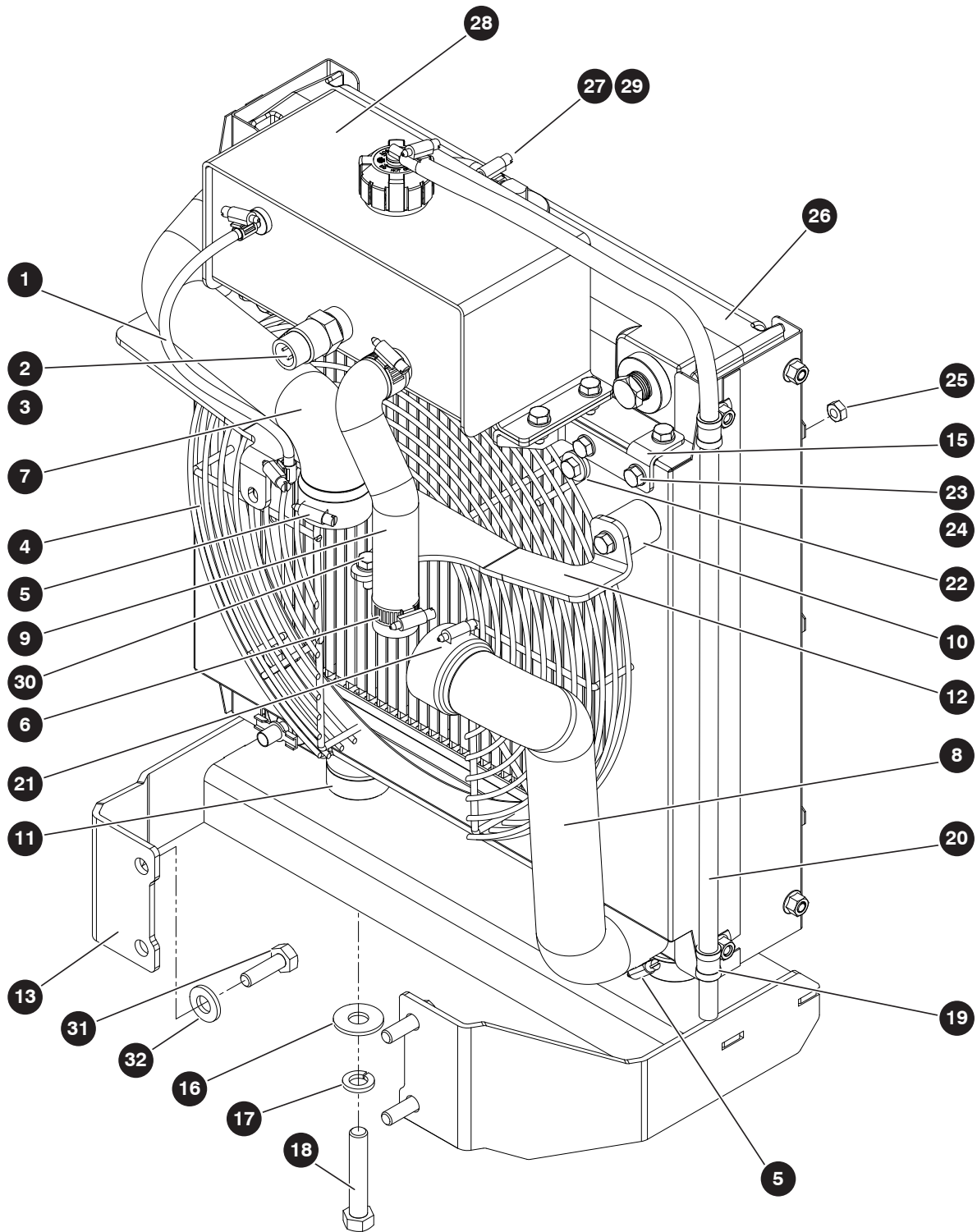




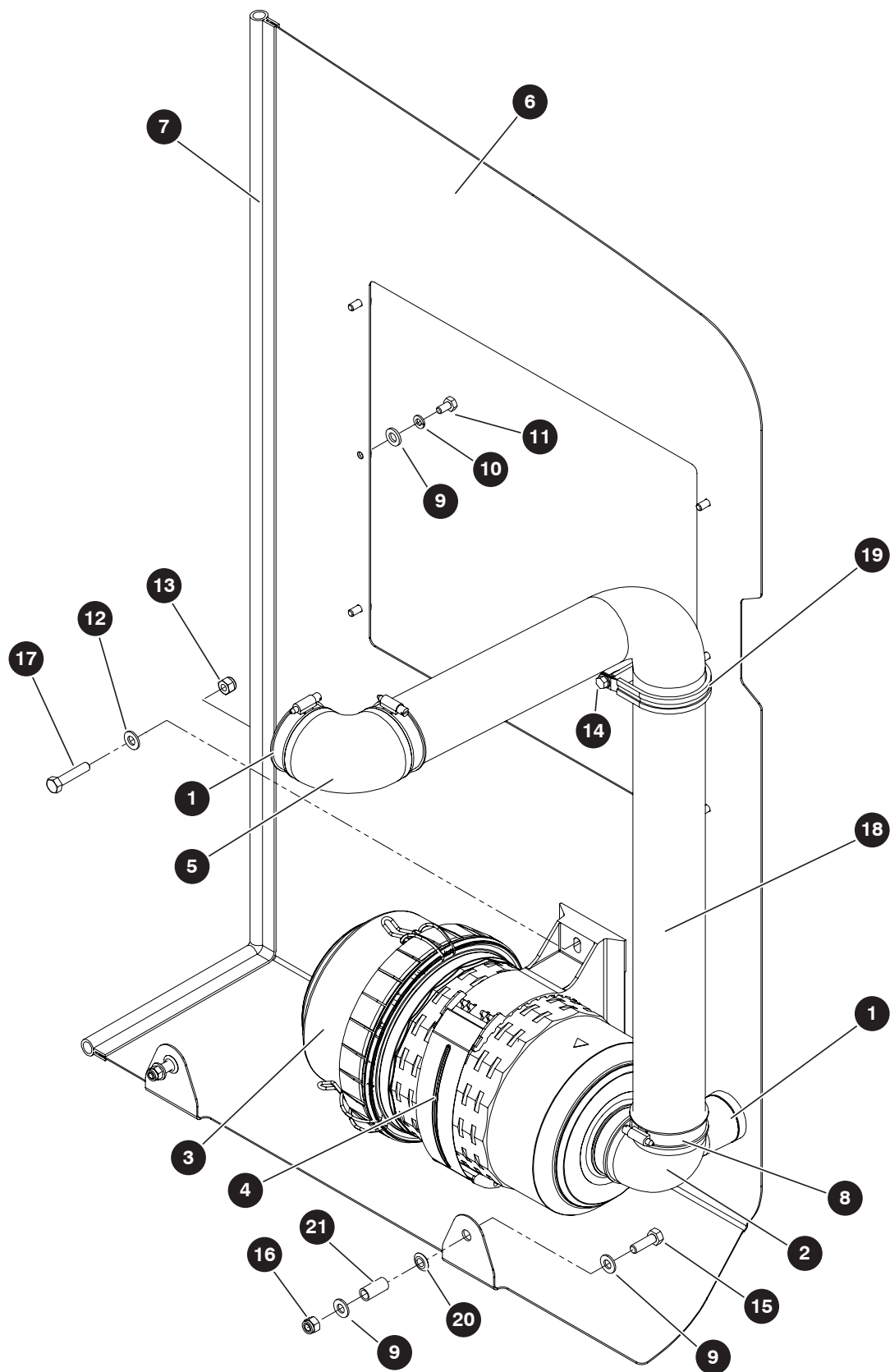
Index No.	Skyjack Part No.	Qty.	Description
-	167654	1	ENGINE ASSEMBLY - Deutz D2.9L - SJ46AJ ANSI/CSA
1	213095	1	• ENGINE, Diesel - Deutz, A (refer to the diagram for identification)
	154084	1	• ENGINE, Diesel - Deutz, B (refer to the diagram for identification)
	166689	1	• • CAP, Oil filler
	166690	1	• • DIPSTICK
	166691	1	• • PLUG, Oil pan drain
	166692	1	• • STARTER, 3.2kW
	166693	1	• • ALTERNATOR
	166694	1	• • BELT, Alternator and water pump
	164770	1	• • PUMP, Fuel
	164771	1	• • FILTER, Fuel
	164772	1	• • PRE-FILTER, Fuel
	147072	1	• • FILTER, Oil
	166695	1	• • GASKET SET
	166696	1	• • PUMP, Coolant
	166698	1	• • PLUG, Glow
	166699	1	• • THERMOSTAT
	166700	1	• • SENSOR, Fuel pressure
	166701	1	• • SENSOR, Mag pick-up
	166702	1	• • SENSOR, Coolant temperature
	166703	1	• • SENSOR, Oil pressure
	166704	1	• • SENSOR, Intake air pressure
	164845	1	• • ECU
	170956	1	• • COMPENSATOR
	170957	1	• • CLIP, Compensator
	170958	1	• • NUT, Compensator
	170959	1	• • CLIP, Compensator
		1	• • DOC, A
	170960	1	• • DOC, B
		1	• • BRACKET, Mounting - DOC, A
		1	• • BRACKET, Mounting - DOC, B
	170961	1	• • GASKET, Compensator
2	(Ref.)	-	• ENGINE COUPLING ASSEMBLY (For components, refer to 7.14 Engine Coupling - Deutz)
3	163047	1	• MOUNT, Front LH
	163049	1	• MOUNT, Front RH
4	103469	4	• BOLT, Hex head (1/2"-13 x 3.25", Grade 5)
5	163200	4	• WASHER, Snubbing, engine mount
6	104379	8	• WASHER, Flat hardened (1/2")
7	149419	10	• BOLT, Hex head (M12 x 1.75" x 35mm, Grade 8.8)
8	112532	8	• BOLT, Hex head (5/16"-18 x 1.25", Grade 5)
9	103996	16	• WASHER, Flat (5/16")
10	163051	2	• MOUNT, Rear engine
11	163028	4	• MOUNT, Vibration - Deutz
12	103984	8	• NUT, Hex hylon lock (5/16"-18, Grade 5)
13	702507	4	• NUT, Hex head nylon lock (1/2"-13, Grade 5)



Index No.	Skyjack Part No.	Qty.	Description
14	165038	1	RADIATOR ASSEMBLY - D2.9L (For components, refer to 7.2 Radiator - Deutz D2.9L)
-	165072	1	FAN ASSEMBLY
15	163225	1	ADAPTER, Fan 14"
16	116218	4	WASHER, Lock (M8 plated)
17	139769	4	BOLT, Hex head (M8 x 1.25" x 45mm, Grade 8.8)
18	163224	1	FAN, 14" dia. - Deutz D2.9L
19	104000	4	WASHER, Lock (1/4")
20	103856	4	BOLT, Hex head (1/4"-20 x 0.75", Grade 5)
21	164925	1	EXHAUST PIPE
22	165602	1	CABLE, Alternator
23	165678	1	CABLE ASSEMBLY (#2/0, 3/8" x 33" x 5/16" (03, 03))
24	104379	4	WASHER, Flat hardened (0.50")
25	702507	4	NUT, Hex head nylon lock (1/2"-13 Grade 5)
26	144129	1	CLIP, Single (S332G10)
-	165022	1	GLOW PLUG HARNESS ASSEMBLY
27	104698	1	SCREW, Round head machine (#10-32 x 0.75")
28	104694	2	WASHER, Flat (#10)
29	300450	1	NUT, Hex head (#10-32, grade 5)
30	117696	1	BOOT, Terminal, #4 AWG
31	(Ref.)	1	HARNESS ASSEMBLY, Glow plug (For components, refer to 5.6 Glow Plug Harness - Deutz D2.9L)



Index No.	Skyjack Part No.	Qty.	Description
-	165038	1	RADIATOR ASSEMBLY
1	160366	11"	• HOSE, Fuel Line (3/16")
2	165058	1	• SENSOR, Coolant level
3	166949	1	• WASHER, Sealing (M16)
4	163395	1	• GUARD, Fan
5	133222	1	• CLAMP, Gear (SAE No. 32, 1-9/16" - 2-1/2")
6	142415	2	• CLAMP, Gear (SAE No. 20, 3/4" - 1-3/4")
-	163228	1	• KIT, Radiator - Deutz D2.9L
7	232312	1	• • HOSE, Radiator - upper
8	232313	1	• • HOSE, Radiator - lower
9	232314	1	• • HOSE, Radiator - return
10	190430	2	• • ISOLATOR, 32 X 32, MB-1.25
11	190428	2	• • ISOLATOR, 46.4MM, 51.21MM, 1/2-13
12	224571	1	• • BRACKET, Upper radiator support
13	224572	1	• • BRACKET, Radiator mount
14	210223	1	• • BRACKET, Degas mount (not shown, opposite to item 15)
15	210224	1	• • BRACKET, Degas mount
16	137241	2	• WASHER, Fender (1/2" ID)
17	103470	2	• WASHER, Lock (1/2", Grade 5)
18	108818	2	• BOLT, Hex head (1/2"-13 x 2.75", Grade 5)
19	144129	2	• CLIP, Single (S332G10)
20	102984	34"	• LINE, Fuel (5/16" ID)
21	104528	3	• CLAMP, Gear (SAE No. 28, 1-5/16" - 2-1/4")
22	166164	4	• WASHER, Flat (5/16")
23	133174	16	• BOLT, Hex head (M8 x 1.25 x 20mm, Grade 5)
24	133232	13	• WASHER, Flat (M8)
25	149496	6	• NUT, Speed clip (1/4"-20 x 0.5L)
26	163226	1	• RADIATOR, Deutz D2.9L
	212384	1	• • SHROUD, Fan
27	103321	5	• CLAMP, Gear (SAE No. 4, 1/4" - 5/8")
28	163227	1	• RESERVOIR, Coolant, Degas TK - Deutz D2.9L
29	166737	3.75"	• LINE, Fuel (3/8" ID)
30	137895	1	• BOLT, Hex head (M8 x 1.25 x 35mm, Grade 8.8)
31	933666	3	BOLT, Hex head (M12 x 1.75" x 35mm, Grade 10.9)
32	104379	3	WASHER, Flat hardened (1/2")



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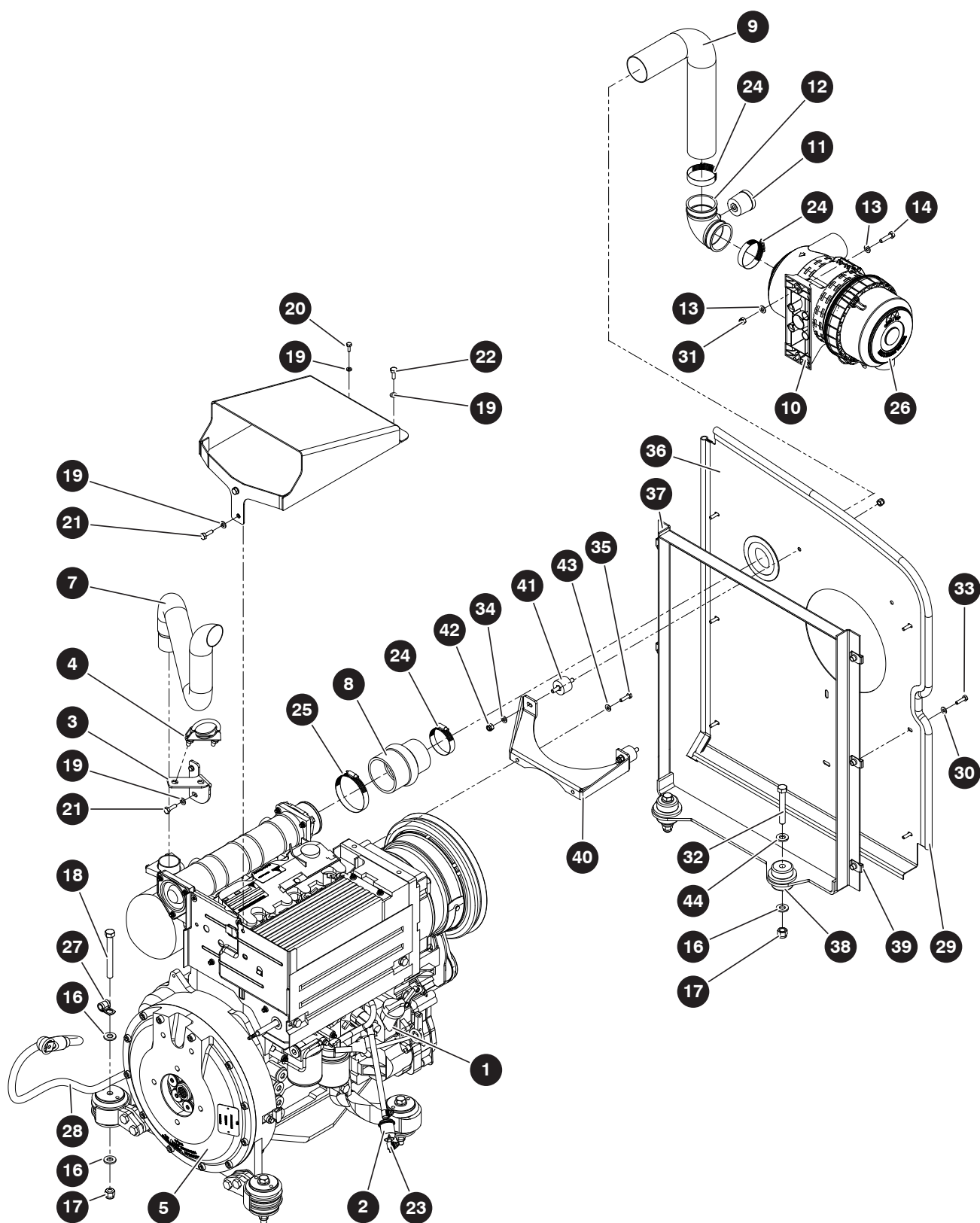
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	167655	1	AIR INTAKE ASSEMBLY - Deutz D2.9L
1	163250	1	• INDICATOR, Service
2	163247	1	• CONNECTOR, 90° Service indicator E200
3	163242	1	• CLEANER, Air E200
	165947	1	• • ELEMENT, Primary
	165948	1	• • ELEMENT, Secondary
4	163244	1	• BRACKET, Air cleaner E200
5	163246	1	• CONNECTOR, 90° E200
6	167657	1	• PLATE, Shroud
7	137625	69"	• TRIM, Rubber
8	121869	4	• CLAMP, Gear (2-5/8" - 3")
9	103995	6	• WASHER, Flat (1/4")
10	104000	6	• WASHER, Lock (1/4")
11	103856	6	• BOLT, Hex head (1/4"-20 x 0.75", Grade 5)
12	103996	8	• WASHER, Flat (5/16")
13	103984	4	• NUT, Hex head nylon lock (5/16"-18, Grade 5)
14	103632	1	• BOLT, Hex head self tapping screw (1/4"-14 x 0.75")
15	103858	2	• BOLT, Hex head (1/4"-20 x 1.25", Grade 8)
16	115649	2	• NUT, Hex head nylon lock (1/4"-20, Grade 5)
17	103886	2	• BOLT, Hex head (5/16"-18 x 1.50, Grade 5)
18	164893	1	• TUBE, Air intake - Deutz D2.9L
19	123715	1	• CLAMP, Clip
20	100616	2	• GROMMET, Rubber (5/16" x 9/16" x 1/8")
21	128571	2	• SLEEVE, Anti-vibration mount

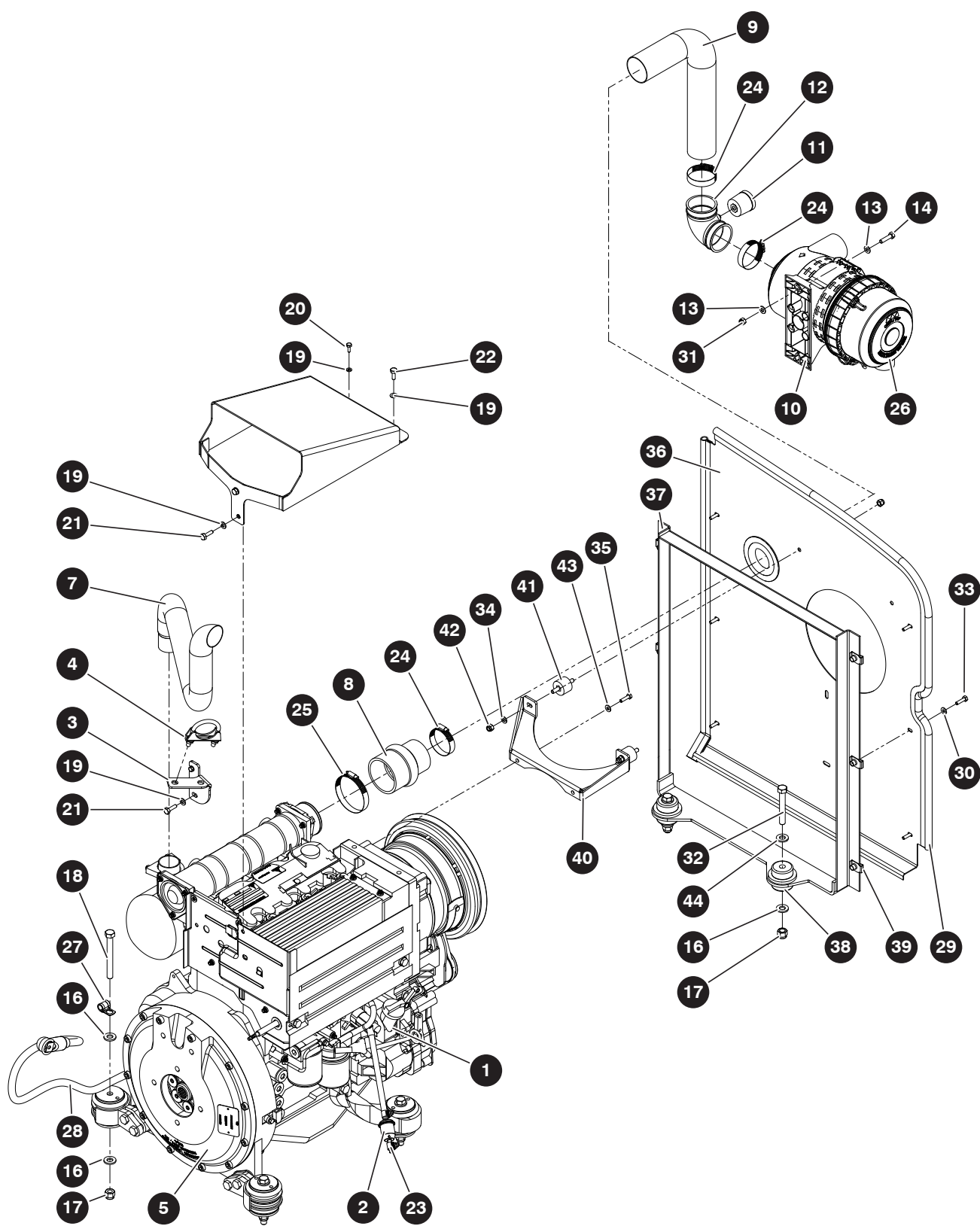


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Index No.	Skyjack Part No.	Qty.	Description
-	167239	1	ENGINE ASSEMBLY - Deutz D2011
1	167801	1	• ENGINE, Diesel (Deutz D2011 L03i)
	127181	1	• • PUMP, Fuel injection
	127182	1	• • CAP, Filler
	127183	1	• • FLYWHEEL
	127184	1	• • CONNECTOR, Plug-in
	127185	1	• • CONNECTOR, Plug-in
	127186	1	• • CABLE, Interconnect
	204249	1	• • STARTER
	127188	1	• • EXHAUST, Silencer
	127189	1	• • V-BELT, Narrow
	147071	1	• • FILTER, Fuel
	147072	1	• • FILTER, Oil
	157647	1	• • ACTUATOR, Engine shutdown
	157748	1	• • DIPSTICK
2	139254	1	• FILTER, In-line fuel
3	152424	1	• SUPPORT, Exhaust stack
4	136030	1	• CLAMP, Exhaust (1.875" diameter)
5	(Ref.)	-	• ENGINE COUPLING ASSEMBLY (For components, refer to 7.14 Engine Coupling - Deutz)
6	167254	1	• DEFLECTOR, Air
7	167216	1	• STACK, Exhaust
8	149208	1	• REDUCER, Air intake
9	167498	1	• TUBE, Air intake
10	163244	1	• BRACKET, Air cleaner
11	163250	1	• INDICATOR, Service
12	163247	1	• CONNCTOR, 90°
13	103996	4	• WASHER, Flat (5/16")
14	103885	2	• BOLT, Hex head (5/16"-18 x 1.25" Grade 5)
15	103906	2	• BOLT, Hex head (1/2"-13 x 1.75" Grade 5)
16	104379	14	• WASHER, Flat hardened (1/2")
17	702507	8	• NUT, Hex head nylon lock (1/2"-13 Grade 5)
18	111420	4	• BOLT, Hex head (1/2"-13 x 4.50" Grade 5)
19	133232	7	• WASHER, Flat (M8 DIN125)
20	104608	2	• BOLT, Hex head (M6 x 1 x 16mm, Grade 9.8)
21	133869	3	• BOLT, Hex head (ZP, M8 x 1.25 x 25mm, Grade 8.8)
22	133174	1	• BOLT, Hex head (ZP, M8 x 1.25 x 20mm, Grade 8.8)
23	103321	3	• CLAMP, Gear (SAE No. 8, 7/16" - 1")
24	121869	3	• CLAMP, Gear (SAE No. 40, 2-1/6" - 3")
25	138666	1	• CLAMP, Gear (SAE No. 54, 3-1/6" - 4")
26	163242	1	• AIR CLEANER
	165947	1	• • FILTER ELEMENT, Primary
	165948	1	• • FILTER ELEMENT, Secondary

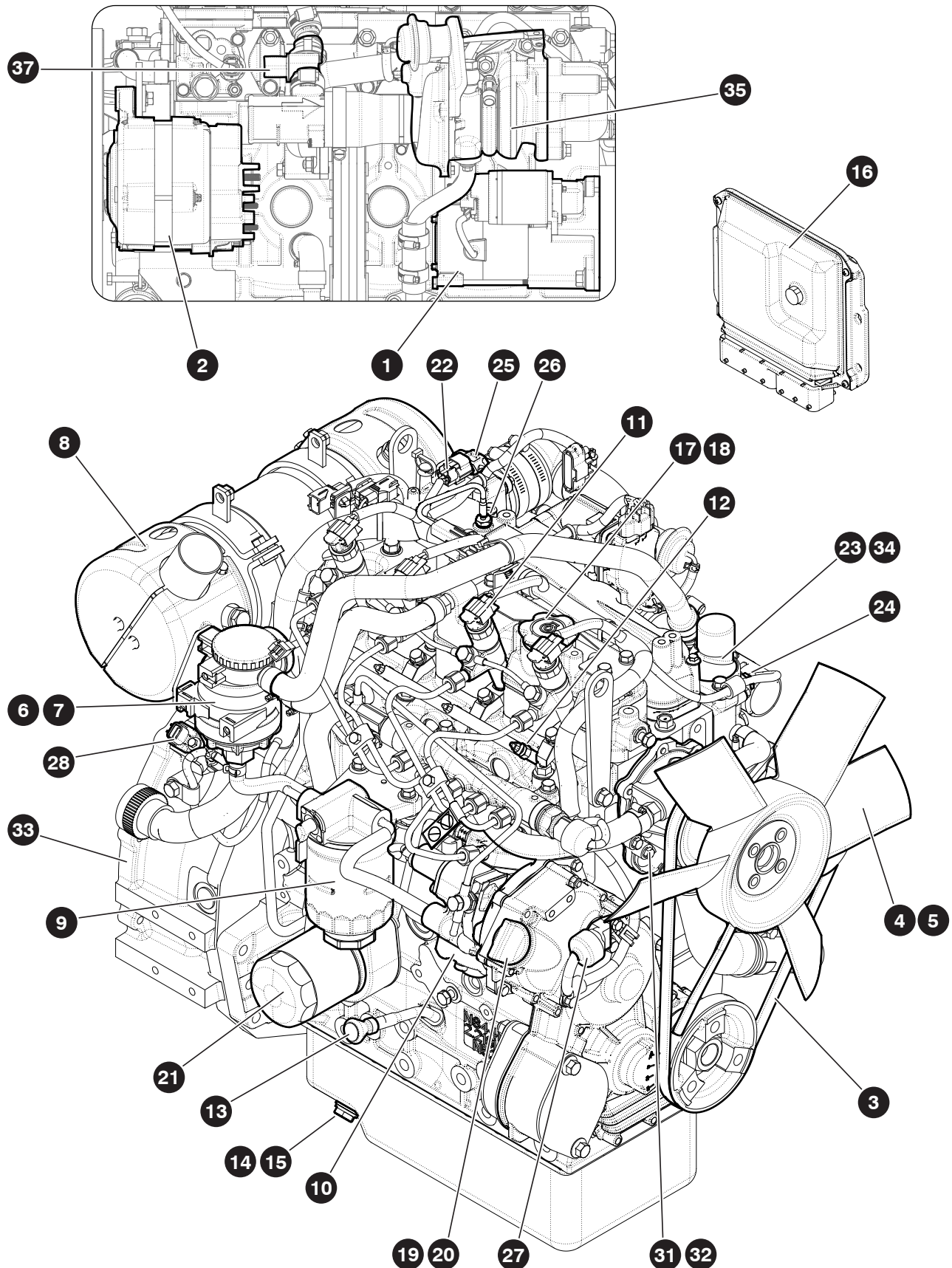


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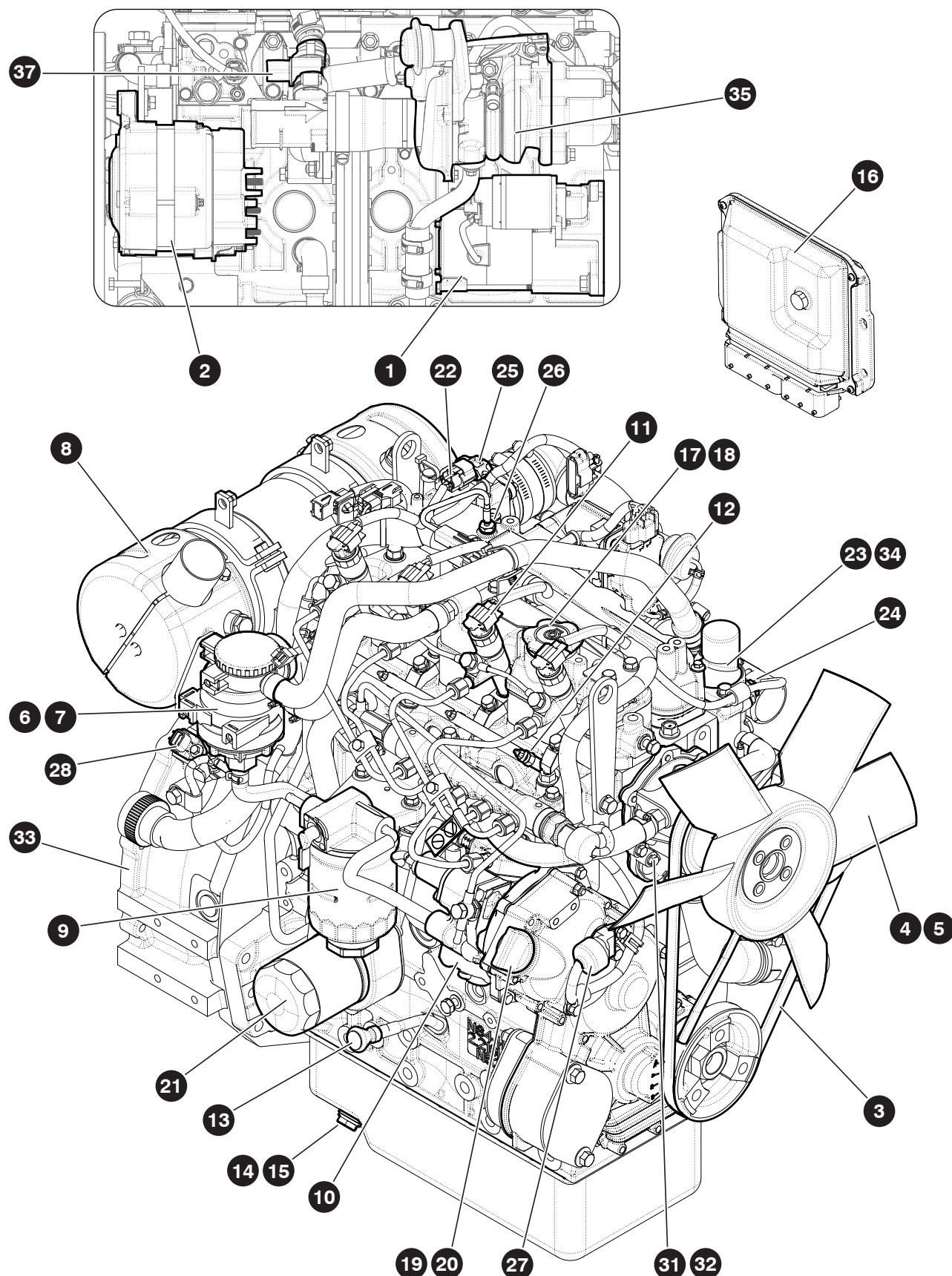
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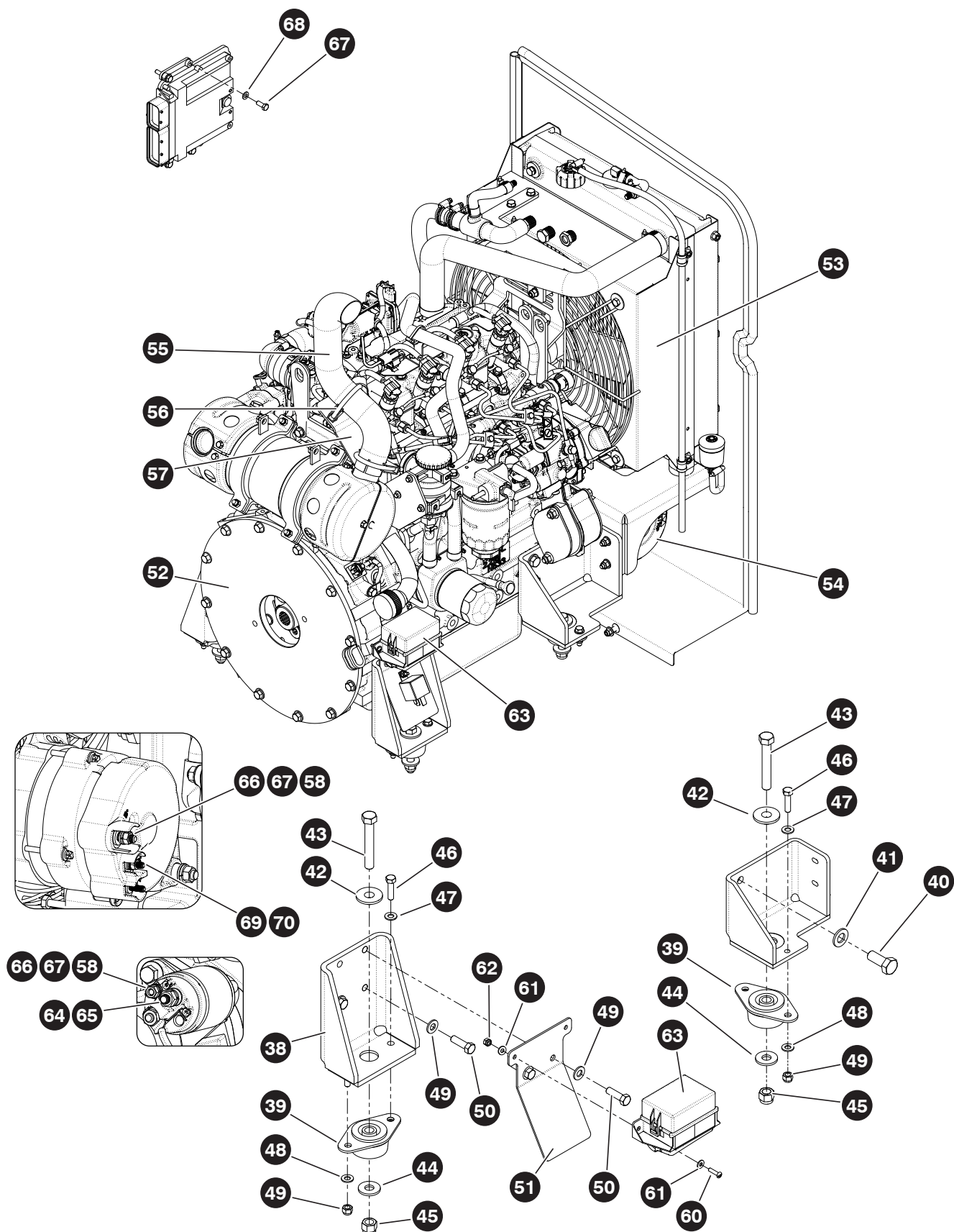
Index No.	Skyjack Part No.	Qty.	Description
27	144129	1	• CLIP, Single (S332G10)
28	154244	1	• CABLE ASSEMBLY (#2/0 3/8" x 52.5" x 5/16" - 03, 03)
29	137625	100"	• SEAL, Bulb
30	103995	6	• WASHER, Flat (0.25" SAE)
31	103984	2	• NUT, Hex head nylon lock (0.313"-18 gr 5)
32	125525	2	• BOLT, Hex head (0.50"-13 x 3.50" gr 5)
33	103857	6	• BOLT, Hex head (0.25"-20 x 1.00" gr 5)
34	933832	2	• WASHER, Flat (M8 - OD16.0)
35	933655	2	• BOLT, Hex head (M8 - 1.25 x 25 CL8.8)
36	195700	1	• PLATE, Air dam
37	195701	1	• FRAME, Air dam
38	147634	2	• MOUNT, Vibration
39	149496	6	• NUT, Speed clip (0.25"-20 x 0.50 lg)
40	195702	1	• BRACKET, Upper - air dam
41	163961	2	• ISOLATOR, Rubber (M8 stud)
42	933696	4	• NUT, HEX head nylon lock (M8-1.25)
43	116218	2	• WASHER, Lock (M8 plated DIN 127B)
44	212939	2	• WASHER, Flat (0.50" style BB)



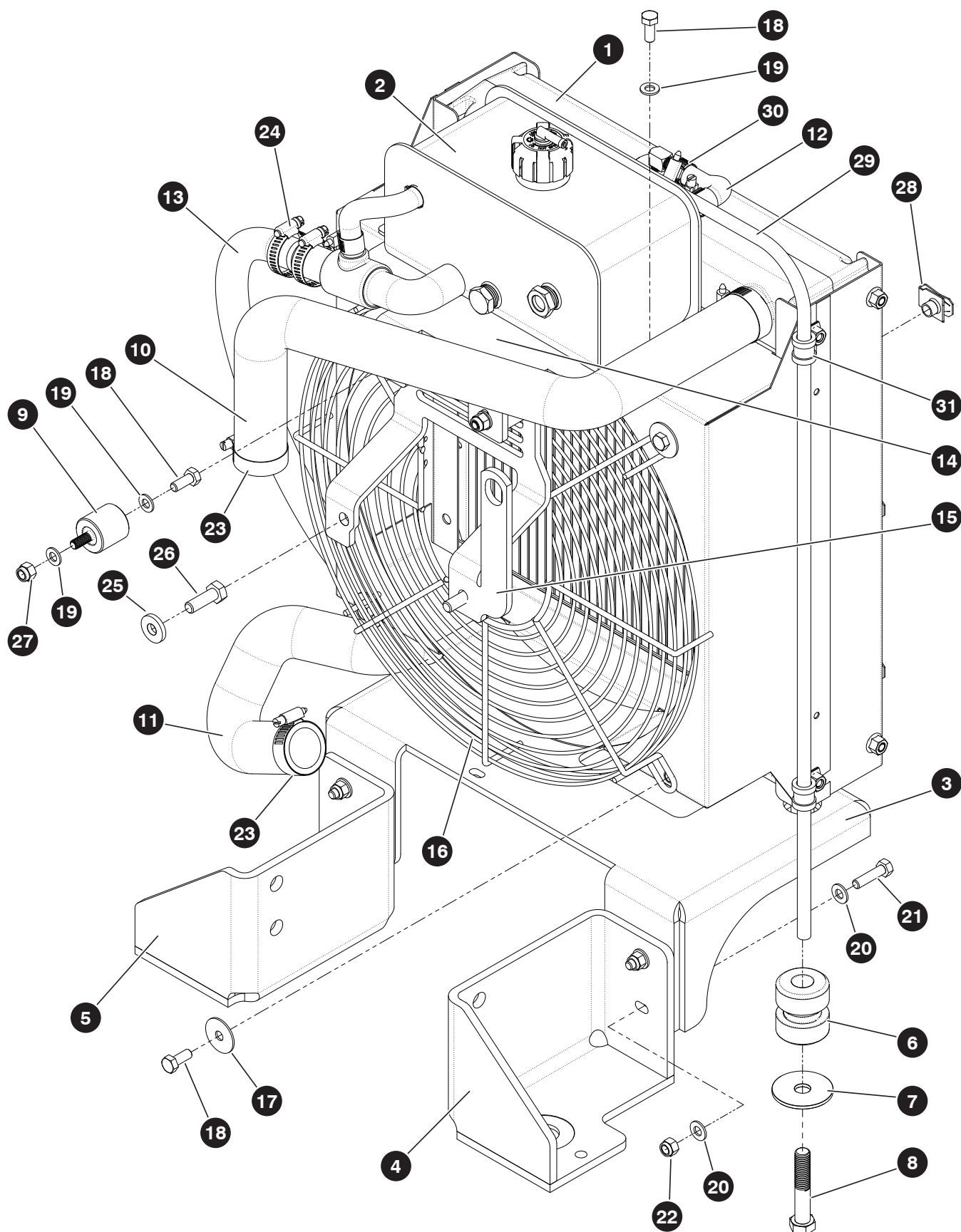
Index No.	Skyjack Part No.	Qty.	Description
-	212117	1	PERKINS 2.2T ENGINE ASSEMBLY - ANSI/CSA
-	212038	1	• ENGINE, Perkins diesel 404F - E22TA
1	213008	1	• • STARTER
2	212830	1	• • ALTERNATOR
3	212831	1	• • FAN BELT
4	212832	1	• • PULLEY, Fan
5	212833	1	• • FAN
6	212834	1	• • BREATHER
	212835	1	• • • ELEMENT, Breather
7	212836	1	• • O-RING, Breather
8	216440	1	• • CLEAN EMISSIONS MODULE (CEM)
9	212838	1	• • FUEL FILTER ASSEMBLY
	212839	1	• • • HOUSING, Fuel filter
	212840	1	• • • • ELEMENT, Fuel filter (with seals)
10	212841	1	• • FUEL PUMP, High pressure
11	212842	4	• • INJECTOR
12	212843	4	• • GLOW PLUG
13	212848	1	• • DIPSTICK
14	212849	2	• • DRAIN PLUG
15	212850	2	• • WASHER, Drain plug
16	212976	1	• • ENGINE CONTROL MODULE (ECU)
17	212977	1	• • CAP, Oil filler (top)
18	212978	1	• • O-RING, Oil filler cap (top)
19	212979	1	• • CAP, Oil filler (side)
20	212980	1	• • O-RING, Oil filler cap (side)
21	212981	1	• • FILTER, Oil
22	216441	1	• • ENGINE WIRING HARNESS
23	212983	1	• • THERMOSTAT
24	212984	1	• • SENSOR, Temperature (water pump)
25	216869	1	• • SENSOR, Air pressure
26	212988	1	• • SENSOR, (induction manifold)
27	212989	1	• • SENSOR, Speed (front plate)
28	212990	1	• • SENSOR, Speed (flywheel)
29	212991	1	• • SWITCH, Oil pressure (top)
30	212992	1	• • SWITCH, Oil pressure (side)



Index No.	Skyjack Part No.	Qty.	Description
31	212993	1	• • WATER PUMP
32	212994	1	• • GASKET, Water pump
33	212995	1	• • RING, Flywheel starter
34	212996	1	• • GASKET, Thermostat housing
35	216870	1	• • TURBOCHARGER KIT
	216871	1	• • • TURBOCHARGER
	212999	1	• • • GASKET, Turbocharger
	213000	2	• • • GASKET, Turbocharger (oil feed pipe)
	213001	1	• • • GASKET, Turbocharger (oil drain pipe)
36	213002	1	• • GASKET, Cylinder head cover (not shown)
37	213003	1	• • HEATER, NOx reduction system

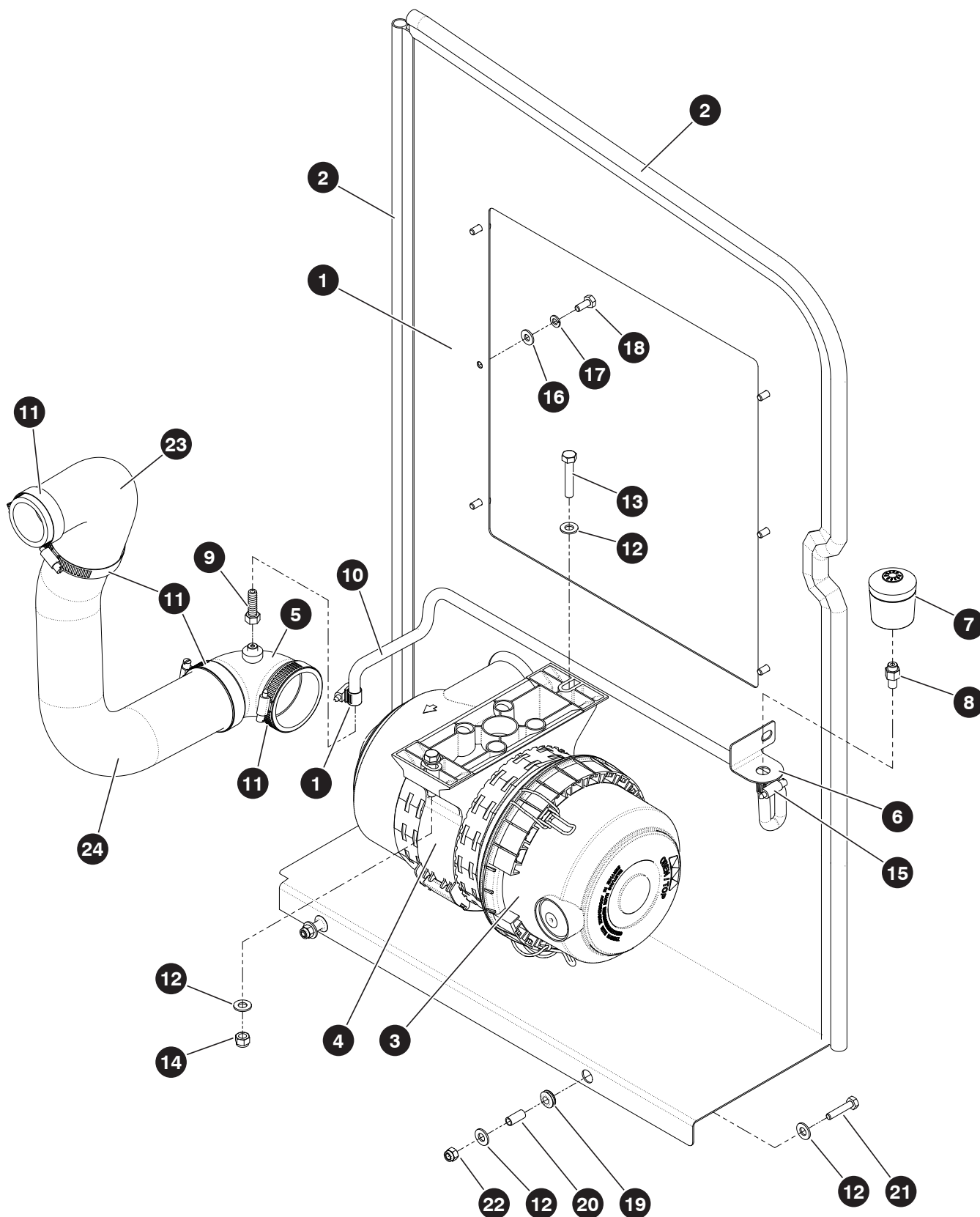


Index No.	Skyjack Part No.	Qty.	Description
-	211349	1	• ENGINE MOUNTS ASSEMBLY
38	198202	2	• • MOUNT Engine - rear
39	163028	4	• • MOUNT, Vibration
40	149419	4	• • BOLT, Hex head (M12 x 1.75 x 35 mm gr 8.8)
41	600426	4	• • WASHER, Flat (M12)
42	163200	4	• • WASHER, Snubbing
43	103469	4	• • BOLT, Hex head 0.50-13 X 3.250 GR5
44	104379	4	• • WASHER, Flat (0.50" hard)
45	702507	4	• • NUT, Lock (0.50"-13 gr C nylon)
46	112532	8	• • BOLT, Hex head (0.312"-18 x 1.25" gr 5)
47	103996	16	• • WASHER, Flat (0.312")
48	103984	8	• • NUT, Lock (0.313"-18 gr 5 nylon)
49	103472	8	• • WASHER, Flat (0.375")
50	101297	8	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
51	211356	1	• • BRACKET, Engine diagnostic display
52	198403		• FLYWHEEL COUPLING (For components, refer to 7.16 Engine Coupling - Perkins)
53	212114		• RADIATOR ASSEMBLY (For components, refer to 7.6 Radiator - Perkins 2.2T)
54	212126		• AIR INTAKE ASSEMBLY (For components, refer to 7.7 Air Intake - Perkins 2.2T)
-	212118	1	• EXHAUST ASSEMBLY
55	197716	1	• • TAIL PIPE
56	148377	2	• • CLAMP, Exhaust pipe (2")
57	212120	1	• • BRACKET, Exhaust
58	212008	1	• CABLE, Alternator (not shown)
59	212164	1	ENGINE HARNESS ASSEMBLY (not shown)
	212163	1	• HARNESS, Perkins OEM
	211656	1	• HARNESS, Perkins - factory long
60	138834	2	SCREW, Round head machine (10-24 x 0.75")
61	104694	4	WASHER, Flat (#10)
62	126642	2	NUT, Lock (10-24)
63	(Ref.)	1	FUSE BOX (For components, refer to 5.12 Fuse Box - Perkins 2.2T)
64	116218	1	WASHER, Lock (M8 DIN 127B)
65	121059	1	NUT, Hex head (M8-1.25 DIN 934)
66	133219	2	WASHER, Flat (M6 DIN 125)
67	121758	2	WASHER, Lock (M6 DIN 127B)
68	800354	2	NUT, Hex head (M6-1.00)
69	152351	1	WASHER, Flat (M5 DIN 125)
70	133872	1	NUT, Hex head (M5-0.8)



Index No.	Skyjack Part No.	Qty.	Description
-	212114	1	COOLING PACKAGE - Perkins 2.2T
-	212041	1	• COOLING PACKAGE PERKINS 2.2TA
1	212045	1	• • RADIATOR
2	212050	1	• • TANK, Degas
-	212173	1	• • HOSE, PIPE AND BRACKET KIT
3	212046	1	• • • BRACKET, Radiator mounting
4	212047	1	• • • BRACKET, Front RH
5	212048	1	• • • BRACKET, Front LH
6	212049	2	• • • ISOLATOR, Radiator mount
7	212939	2	• • • WASHER, Flat (0.50" BB style)
8	108818	2	• • • BOLT, Hex head (0.5"-13 x 2.75" gr 5)
9	212059	2	• • • ISOLATOR, Radiator
10	212053	1	• • • HOSE, Radiator - upper
11	212054	1	• • • HOSE, Radiator - lower
12	212057	1	• • • HOSE, Radiator - vent
13	212055	1	• • • HOSE, Degas return
14	212051	1	• • • BRACKET,
15	212052	1	• • • BRACKET,
16	163394	1	• GUARD, Fan (17")
17	207341	4	• WASHER, Flat (0.312" x 1.25" fender)
18	133174	10	• BOLT, Hex head (M8-1.25 x 20 gr 8.8)
19	133232	8	• WASHER, Flat (M8)
20	103996	8	• WASHER, Flat (0.312" SAE)
21	157771	4	• BOLT, Hex head (0.312"-18 x 1.25" gr 5)
22	103984	4	• NUT, Lock (0.313"-18 gr 5 nylon)
23	104528	4	• CLAMP, Hose (1.75")
24	102854	5	• CLAMP, Hose (0.75")
25	600315	2	• WASHER, Flat (M10)
26	933640	2	• BOLT, Hex head (M10 x 1.5 x 20 mm cl 8.8)
27	933696	2	• NUT, Lock (M8-1.25 nylon)
28	149496	6	• NUT, Speed clip (0.25"-20)
29	142405	50"	• LINE, Fuel (0.3125")
30	116342	1	• CLAMP, Hose (0.50")
31	149495	2	• CLAMP, Tube (0.50")

7.7 Air Intake - Perkins 2.2T

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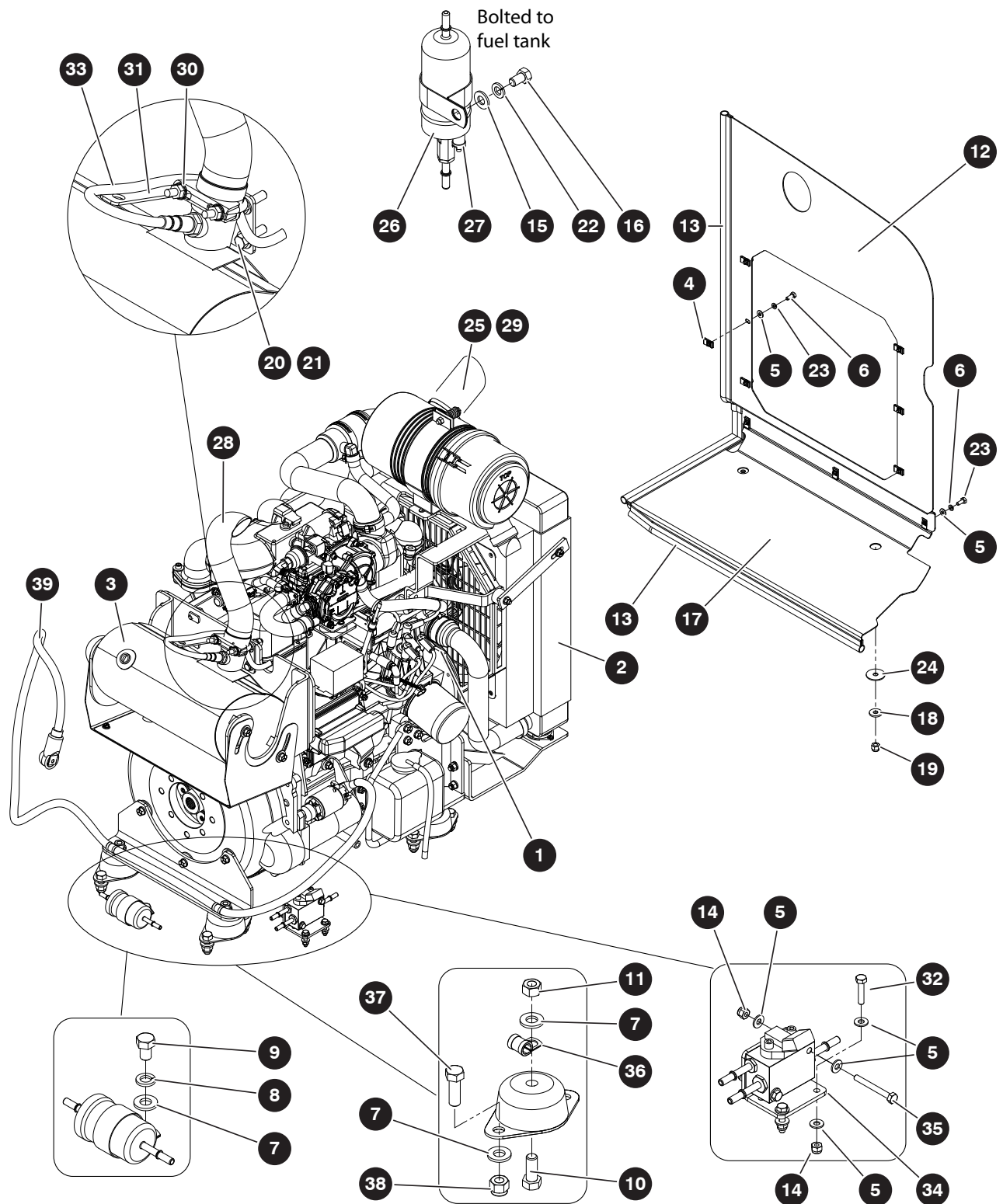
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Index No.	Skyjack Part No.	Qty.	Description
-	212126	1	AIR INTAKE, Perkins 2.2T
1	212127	1	• PLATE, Baffle
9	149357	90"	• SEAL, Bulb
3	163242	1	• AIR CLEANER - EP200
	165947	1	• • ELEMENT, Primary
	165948	1	• • ELEMENT, Secondary
4	163244	1	• BRACKET, Air cleaner
5	163247	1	• CONNECTOR, 90° - EP200
6	211599	1	• BRACKET, Service indicator
7	163250	1	• INDICATOR, Service
8	211796	1	• FITTING, Straight (M10 x 1 - 0.3125" hose barb)
9	211795	1	• FITTING, Straight (0.3125" hose bard - M10 x 1)
10	142405	48"	• FUEL LINE, 5/16 Setiflex II
11	163193	4	• CLAMP, Gear (2.063" - 3.00")
12	103996	8	• WASHER, Flat (0.312" SAE)
13	103885	2	• BOLT, Hex head (0.312"-18 x 1.75" gr 5)
14	103984	2	• NUT, Lock (0.313"-18 gr 5 nylon)
15	116342	2	• CLAMP, HOSE (0.50)"
16	103995	6	• WASHER, Flat (0.25")
17	104000	6	• WASHER, Lock (0.25")
18	103892	6	• BOLT, Hex head (0.25"-20 x 0.625" gr 5)
19	100616	2	• GROMMET, Rubber (0.3125")
20	128571	2	• SLEEVE, Anti-vibration mount
21	103858	2	• BOLT, Hex head (0.25"-20 x 1.25" gr 5)
22	115649	2	• NUT, Lock (0.25"-20 gr 5 nylon)
23	212212	1	• ELBOW, 90° reducer (1.75" x 2.5")

7.8 GM Engine



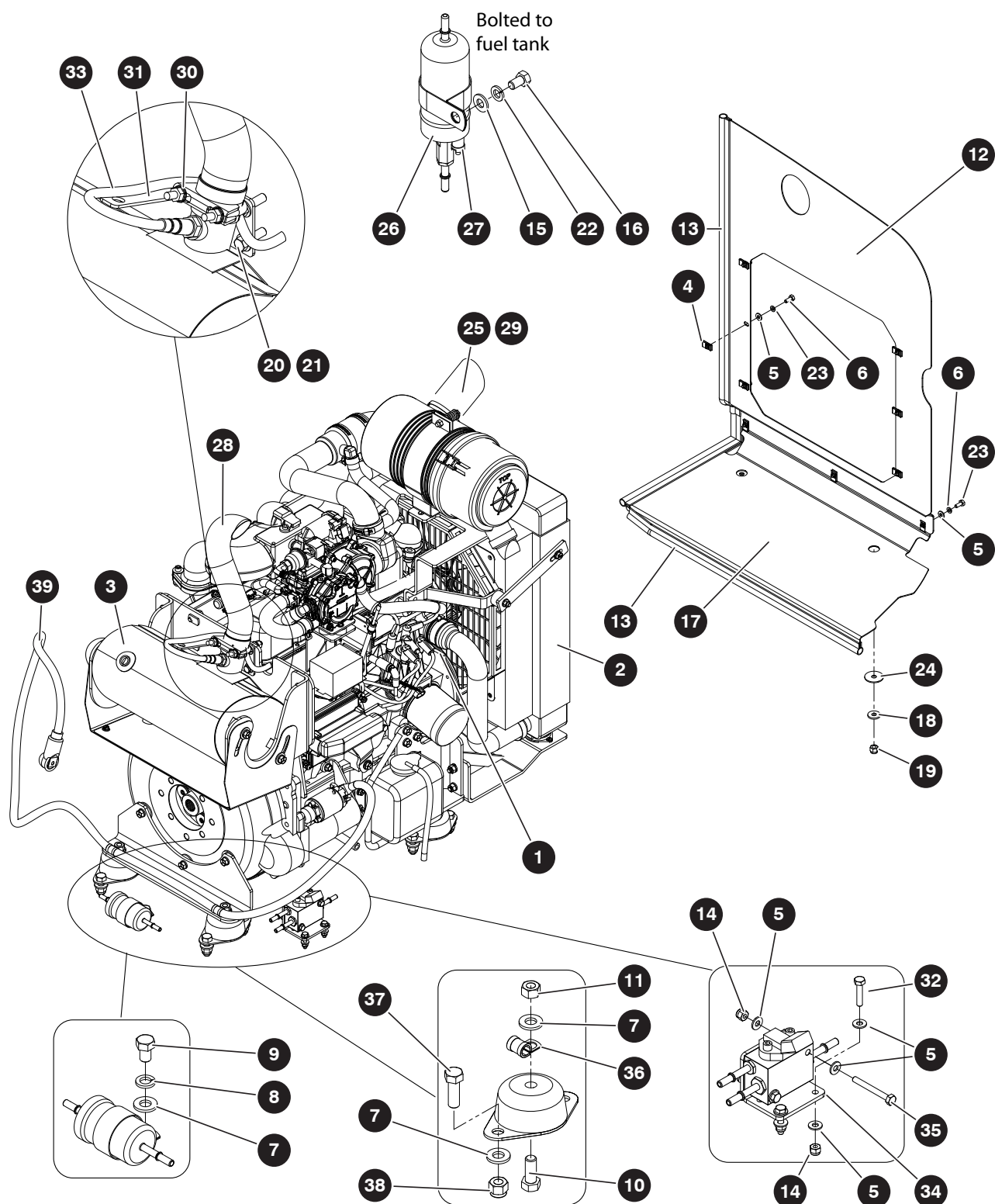
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SJ46AJ, SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
-	167022	1	ENGINE ASSEMBLY - GM 3.0L - SJ46AJ ANSI/CSA
1	158232	1	• ENGINE, Dual fuel - GM
	157623	1	• • PUMP, Fuel
	142301	1	• • FILTER, Fuel
	142303	1	• • MANIFOLD, Fuel
	147120	1	• • FILTER, Oil
	147121	1	• • PLUGS, Spark
	147122	1	• • SWITCH, Pressure
	157624	1	• • VALVE, Oil Drain
	157625	1	• • STARTER
	147184	1	• • BELT
	147185	1	• • ALTERNATOR
	147186	1	• • BODY, Throttle
	157626	1	• • VALVE, Lock off
	159093	1	• • SENSOR, Oxygen
	159092	1	• • REGULATOR
	157627	1	• • MIXER
	147191	1	• • SENSOR, T Map
	147192	1	• • WIRE SET, Spark plug
	147194	1	• • BOTTLE, Over flow
	147195	1	• • FILTER, Air cleaner assembly
	751678	1	• • • ELEMENT, Outer air filter
	751677	1	• • • ELEMENT, Inner air filter
	196016	1	• • ECU
	152212	1	• • HEAT SHIELD, Fuel rail
	199464	1	• • SENSOR, Crank
	209283	1	• • FAN
	216888	1	• • COIL, HVS
	232519	1	• • GASKET, Oil pan
2	154520	1	• • RADIATOR ASSEMBLY
	152178	4	• • • CLAMP, Hose (S-28, 2")
	152179	2	• • • ISOLATOR (TPC62372)
	154532	2	• • • ISOLATOR (TPC 513308)
	154541	1	• • • RADIATOR (1.6L)
	154542	1	• • • GUARD, Fan (Pusher)
	154552	1	• • • BRACKET, Mounting (3.0L)
	154560	1	• • • HOSE, Radiator upper
	154566	1	• • • HOSE, Radiator lower
	154653	1	• • • STAYBAR, Left (3.0L)
	154654	1	• • • STAYBAR, Right (3.0L)
	103978	4	• • • NUT (3/8"-16)
	152184	2	• • • NUT, Lock w/plastic insert (3/8"-16)
	101297	4	• • • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
	103472	4	• • • WASHER, Flat (3/8")
	104694	4	• • • WASHER, Flat (#10)
	104185	4	• • • WASHER, Lock (#10)

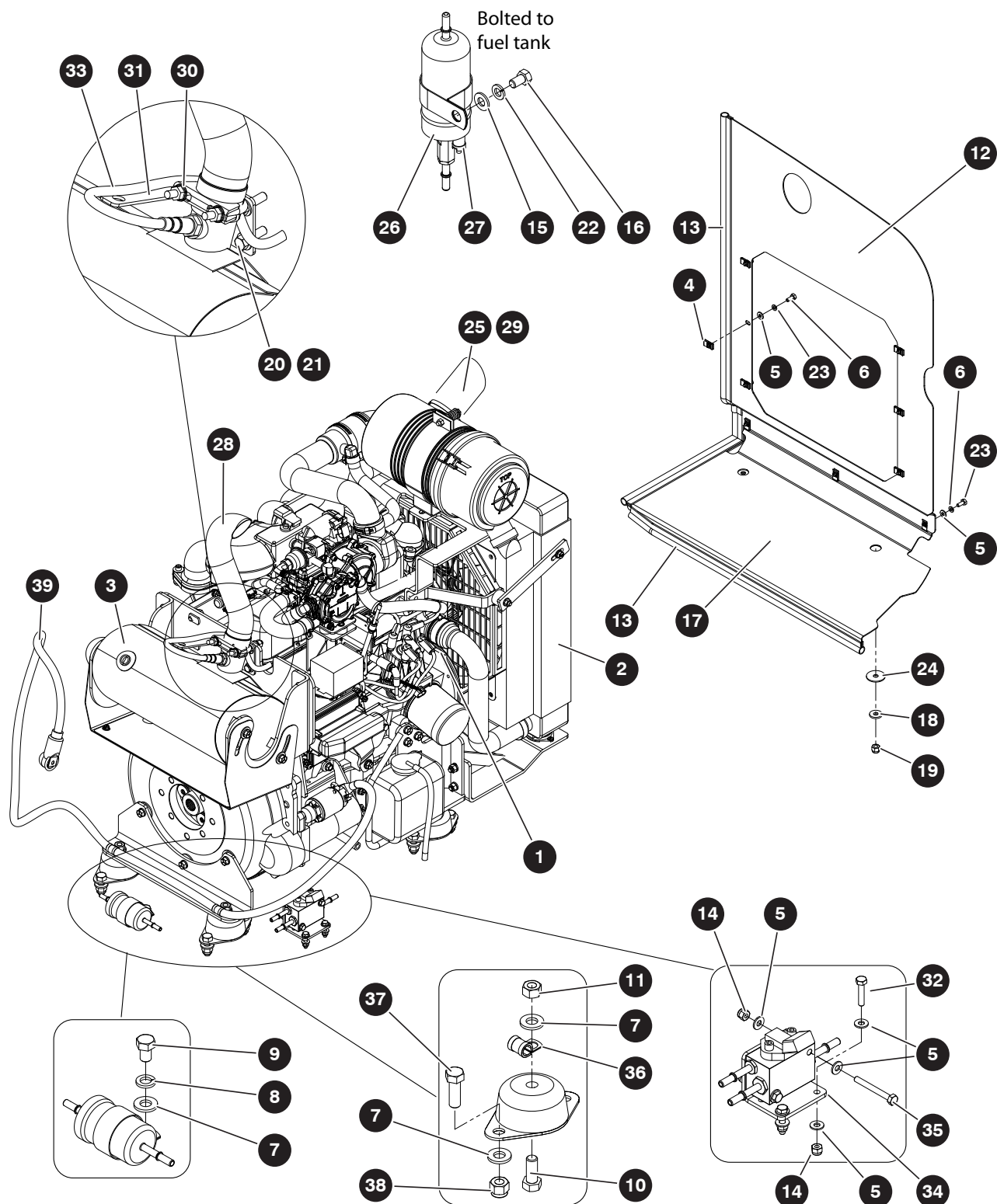
7.8 GM Engine



7.8 GM Engine

Index No.	Skyjack Part No.	Qty.	Description
3	104003	4	• • • NUT, (#10-32)
	152185	4	• • • SCREW, Slot head (#10-32 x 3/4")
	152187	1	• • • STICKER, Radiator PGS
	(Ref.)	1	• • CATALYST MUFFLER ASSEMBLY
	152189	1	• • • FLANGE, Exhaust
	152190	1	• • • GASKET, Exhaust
	159091	1	• • • MUFFLER, Catalyst (3.0L)
	152192	1	• • • FLANGE, Hi-temp exhaust (2.5"OD)
	152193	1	• • • FLANGE, Hi-temp exhaust (2.0"OD)
	152194	1	• • • SEAL, Hi-temp exhaust (2.5"OD)
	152195	1	• • • SEAL, Hi-temp exhaust (2"ID)
	152196	1	• • • BRACKET, Catalyst muffler
	152197	2	• • • BRACKET, Side Catalyst muffler
	152198	1	• • • TUBE, Exhaust
	152210	2	• • • BOLT, Hex head (5/16"-18 x 1", Grade 5)
	103473	10	• • • BOLT, Hex head (3/8"-16 x 1" Grade 5)
	103870	7	• • • BOLT, Hex head (3/8"-16 x 1 1/2" Grade 5)
	103404	2	• • • WASHER, Lock (5/16")
	103999	10	• • • WASHER, Lock (3/8")
	103996	2	• • • WASHER, Flat (5/16")
	103472	7	• • • WASHER, Flat (3/8")
	152200	10	• • • WASHER, Flat (3/8", USS)
	103978	10	• • • NUT (3/8"-16)
4	149496	9	• NUT, Speed clip (1/4"-20 x 1/5" depth)
5	103995	17	• WASHER, Flat (1/4")
6	103892	9	• BOLT, Hex head (1/4"-20 x 5/8" Grade 5)
7	104379	13	• WASHER, Flat hardened (1/2")
8	103470	1	• WASHER, Lock (1/2", Grade 5)
9	116997	1	• BOLT, Hex head (1/2"-13 x 1 3/4" Grade 5)
10	103909	4	• BOLT, Hex head (1/2"-13 x 1 1/4" Grade 5)
11	103471	4	• NUT, Hex head (1/2"-13, Grade 5)
12	149198	1	• PLATE, Baffle
13	149357	75"	• SEAL, Bulb
14	115649	4	• NUT, Hex lock (1/4"-20 Grade 5, nylon)
15	125959	1	• WASHER, Flat hardened (3/8")
16	138464	1	• BOLT, Hex head (3/8"-16 x 5/8" Grade 5)
17	152556	1	• SHROUD, Under radiator (GM)
18	152416	2	• WASHER, Rubber (1x 3/7 x 1/8 TK)
19	104606	2	• NUT, Hex lock (3/8"-16 Grade 5, nylon)
20	101297	2	• BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
21	103472	2	• WASHER, Flat (3/8")
22	103999	1	• WASHER, Lock (3/8")

7.8 GM Engine



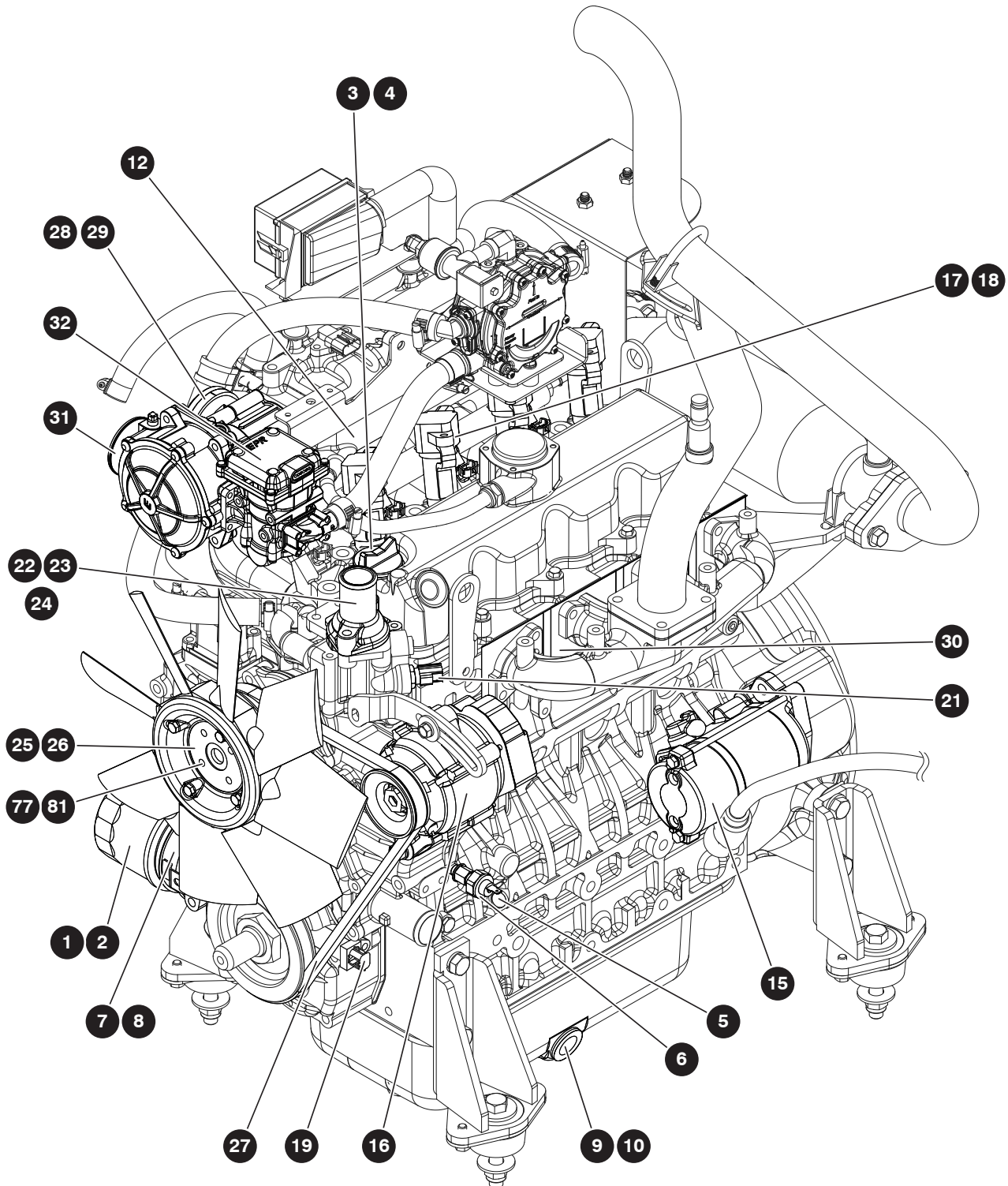
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7.8 GM Engine

Index No.	Skyjack Part No.	Qty.	Description
23	104000	9	• WASHER, Lock (1/2")
24	127067	2	• WASHER, Flat (3/8", style BB)
25	152555	1	• HOSE, Air intake
26	118367	1	• NUT, Hex (M4-0.7 DIN934)
27	133872	1	• NUT, Hex (M5-0.8 DIN934)
28	161332	1	• STACK, Exhaust
29	149493	1	• CLAMP, T-bolt (2.81-3.09)
30	136030	1	• CLAMP, Exhaust (1-7/8" dia.)
31	165916	1	• BRACKET, Wire protector
32	103858	2	• BOLT, Hex head (1/4"-20 x 1.25, Grade 5)
33	165603	1	• SLEEVE, Thermal protection
34	166755	1	• BRACKET, Fuel manifold
35	103862	2	• BOLT, Hex head (1/4"-20 x 2.25" Grade 5)
36	144129	2	• CLIP, Single (S332G10)
37	103907	8	• BOLT, Hex head (1/2"-13 x 1.50" Grade 5)
38	702507	8	• NUT, Hex head nylon lock (1/2"-13 Grade 5)
39	154245	1	• CABLE ASSEMBLY (#2/0 3/8" x 75" x 5/16" 03, 03)



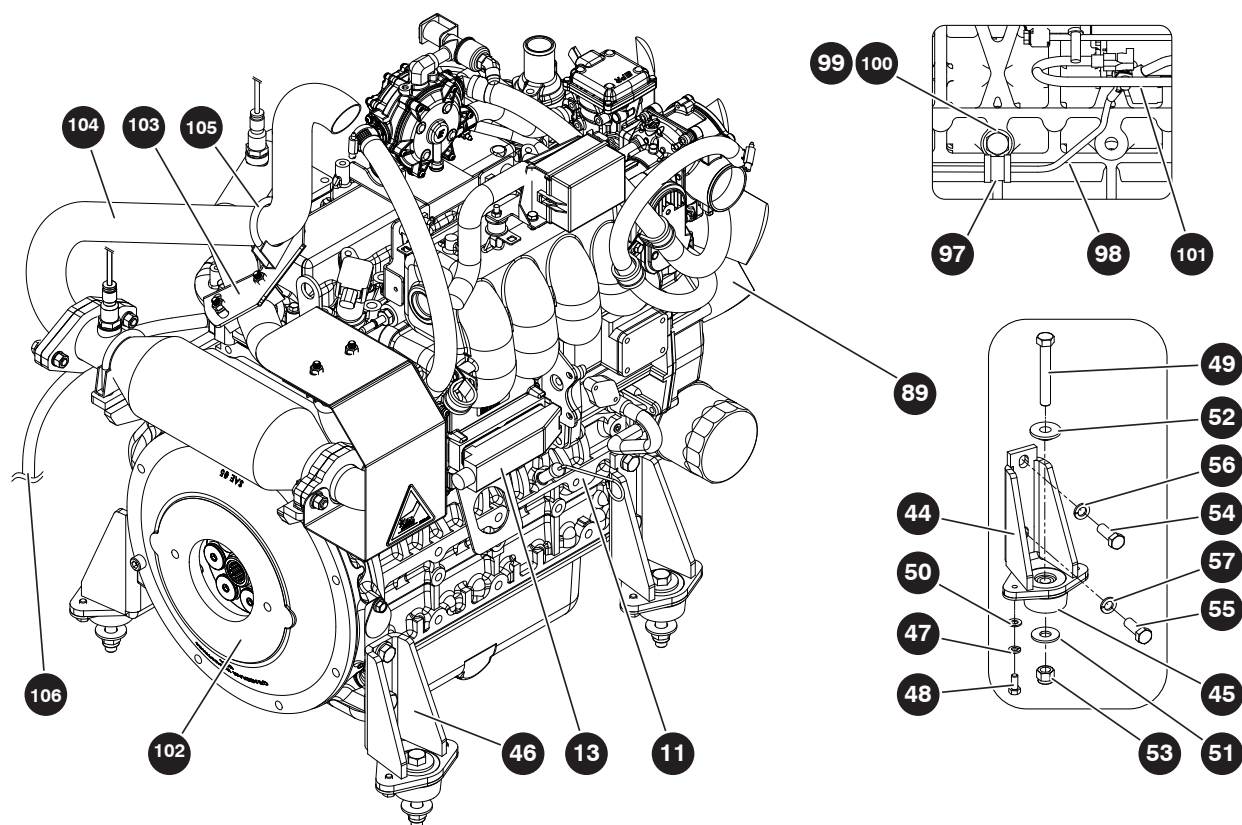
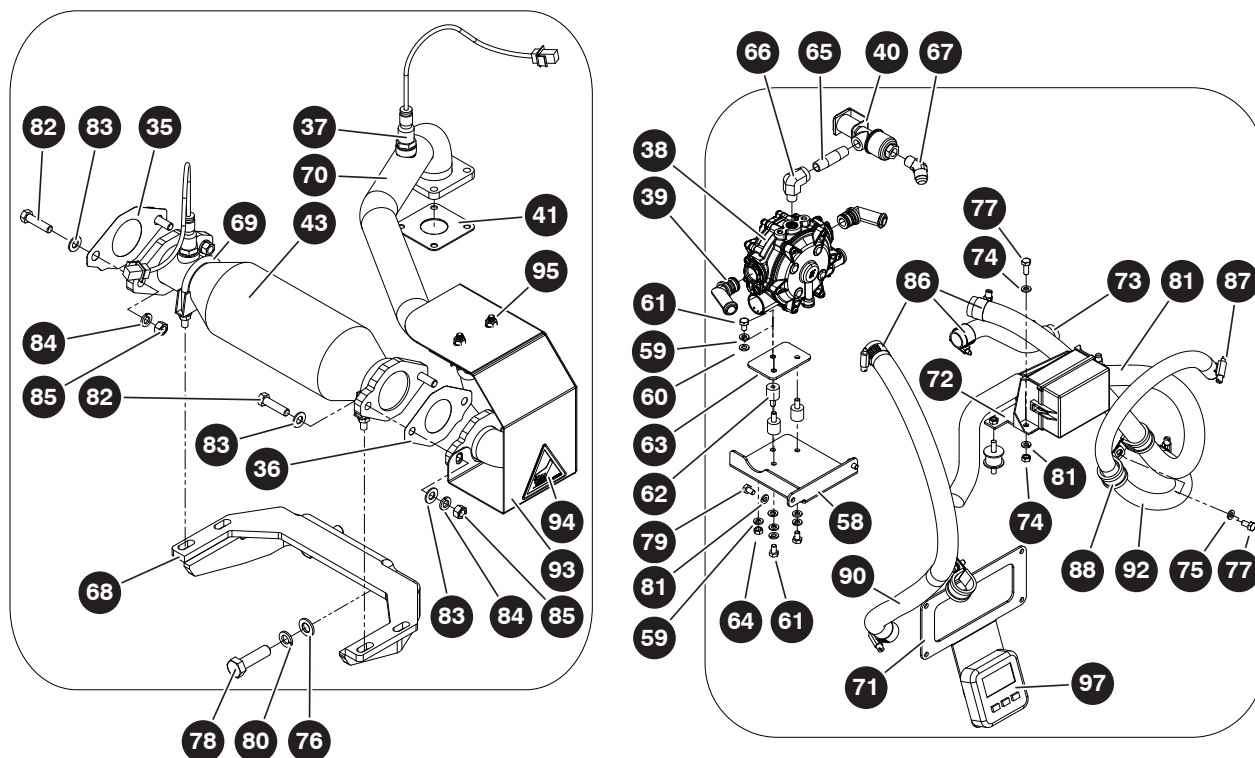
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SJ46AJ, SJ51AJ

7.9 Kubota WG2503 Engine

Index No.	Skyjack Part No.	Qty.	Description
-	171223	1	ENGINE ASSEMBLY - Kubota WG2503 - SJ46AJ ANSI/CSA
A	168381	1	• ENGINE, Dual fuel - Kubota (for serial numbers 95003369 and below)
B	221959	1	• ENGINE, Dual fuel - Kubota (for serial numbers 95003370 and above)
-	209330	1	• • ENGINE, Kubota WG2503, A
-	221958	1	• • ENGINE, Kubota WG2503, B
1	194642	1	• • • SCREEN, Oil pump pick-up
2	194643	1	• • • CARTRIDGE, Oil filter
3	164644	1	• • • CAP, Oil fill
4	194645	1	• • • O-RING, Oil FILL CAP
5	194646	1	• • • PLUG, Oil gauge
6	194647	1	• • • SWITCH, Oil
7	194648	1	• • • COOLER, Oil
8	194649	1	• • • SEAL, Oil cooler
9	194650	1	• • • PLUG, Oil pan
10	194651	1	• • • O-RING, Oil pan plug
11	194652	1	• • • DIPSTICK (shown on next page)
12	194653	4	• • • INJECTOR
13	194654	1	• • • ECU (shown on next page)
14	194655	1	• • • HARNESS, Wire (not shown)
15	194656	1	• • • STARTER
16	194657	1	• • • ALTERNATOR
17	194658	4	• • • PLUG, Spark
18	194659	4	• • • COIL, Ignition
19	194660	1	• • • SENSOR, Camshaft speed
20	194661	1	• • • SENSOR, Crankshaft speed (not shown)
21	194662	1	• • • SENSOR, Water temp
22	194663	1	• • • THERMOSTAT
23	194664	1	• • • GASKET, Thermostat
24	194697	1	• • • COVER, Thermostat
25	170411	1	• • • FAN
26	194665	1	• • • PULLEY, Fan
27	194666	1	• • • BELT, Fan
28	194667	1	• • • BODY, Throttle
29	194668	1	• • • GASKET, Throttle body
30	194669	1	• • • GASKET, Exhaust manifold
31	194698	1	• • • MIXER
32	194699	1	• • • REGULATOR



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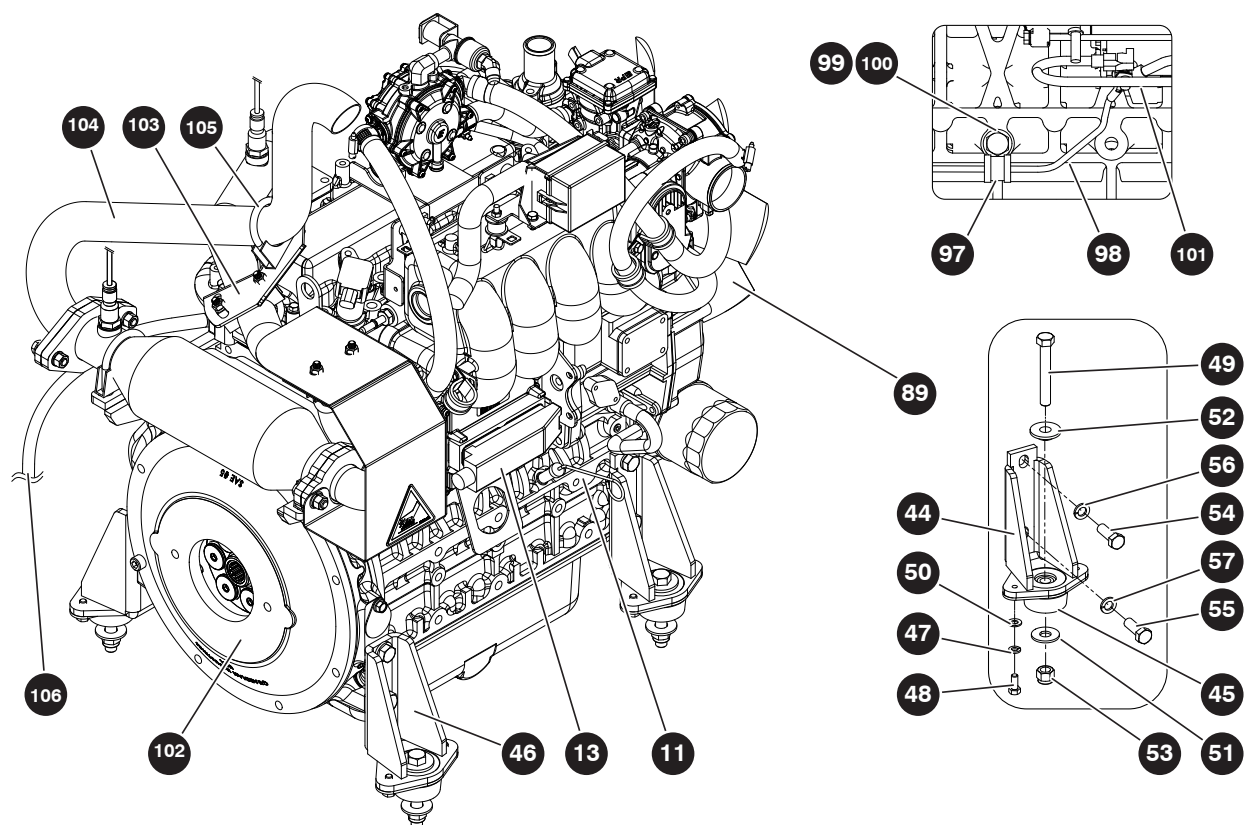
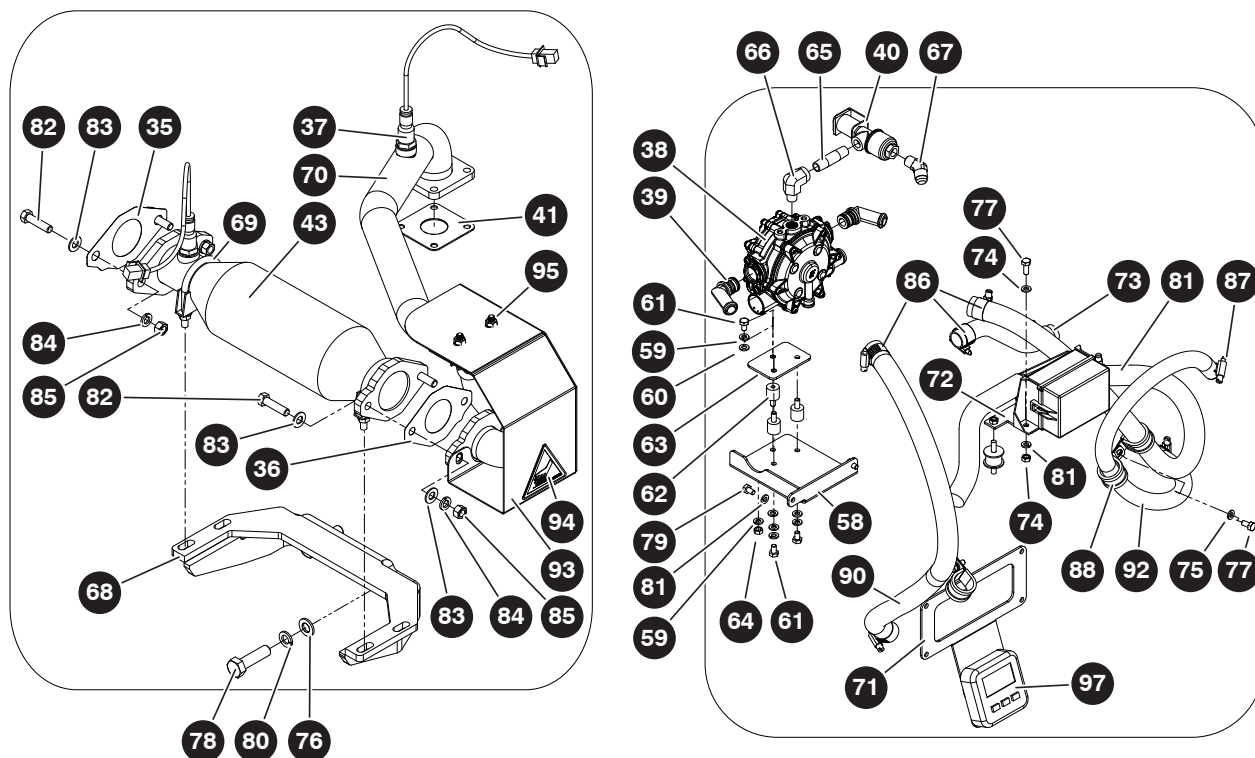
SJ46AJ, SJ51AJ

7.9 Kubota WG2503 Engine

Index No.	Skyjack Part No.	Qty.	Description
-	171262	1	• • KIT, Engine - Kubota WG2503
33	164881	1	• • • PUMP, Fuel (not shown) (For components, refer to 8.12 Fuel Lines - Kubota WG2503)
34	164883	1	• • • MANIFOLD, Fuel pressure (not shown) (For components, refer to 8.12 Fuel Lines - Kubota WG2503)
35	164886	1	• • • GASKET, Cat 1
36	164885	1	• • • GASKET, Cat 2
37	164880	2	• • • SENSOR, O2
38	164887	1	• • • REGULATOR, LP
39	164888	2	• • • CONNECTOR, Vaporizer
40	164889	1	• • • VALVE, LP lock off
41	170416	1	• • • GASKET, Exhaust
42	136118	1	• • • FILTER, Fuel (not shown) (For components, refer to 8.12 Fuel Lines - Kubota WG2503)
43	164896	1	• • CONVERTER, Catalytic
-	168706	1	• ENGINE MOUNTS
44	169606	2	• • MOUNT, Engine - rear
45	132028	4	• • MOUNT, Vibration
46	169605	2	• • MOUNT, Engine - front
47	103404	8	• • WASHER, Lock (0.312")
48	103887	8	• • BOLT, Hex head (0.312"-18 x 0.75" gr 5)
49	125525	4	• • BOLT, Hex head (0.50"-13 x 3.50" gr 5)
50	103996	8	• • WASHER, Flat (0.312")
51	137241	4	• • WASHER, Flat (0.50" AA)
52	163200	4	• • WASHER, Snubbing
52	702507	4	• • NUT, Hex head nylon lock (0.50"-13)
54	166767	4	• • BOLT, Hex head (M12 x 1.25 x 32 gr 8.8)
55	166821	4	• • BOLT, Hex head (M14 x 1.50 x 35 gr 8.8)
56	116995	4	• • WASHER, Lock (M12)
57	137838	4	• • WASHER, Lock (M14)
-	170434	1	• ENGINE ACCESSORIES
-	168711	1	• • VAPORIZER, WG2503, A
-	221961	1	• • VAPORIZER, WG2503, B
58	169595	1	• • • BRACKET, Vaporizer, A
-	221960	1	• • • BRACKET, Vaporizer, B
59	121758	4	• • • WASHER, Lock (M6)
60	933834	4	• • • WASHER, Flat (M6)
61	600723	3	• • • BOLT, Hex head (M6 x 1 x 10mm gr 8.8)
62	165927	3	• • • MOUNT, Vibration
63	170399	1	• • • PLATE, Vaporizer
64	800354	1	• • • NUT, Hex head (M6-1.00)
65	143478	1	• • • FITTING, Nipple - brass (0.25" NPT x 2.00")
66	103164	1	• • • FITTING, 90° elbow (04 NPTF - 04 NPTM)

7.9 Kubota WG2503 Engine

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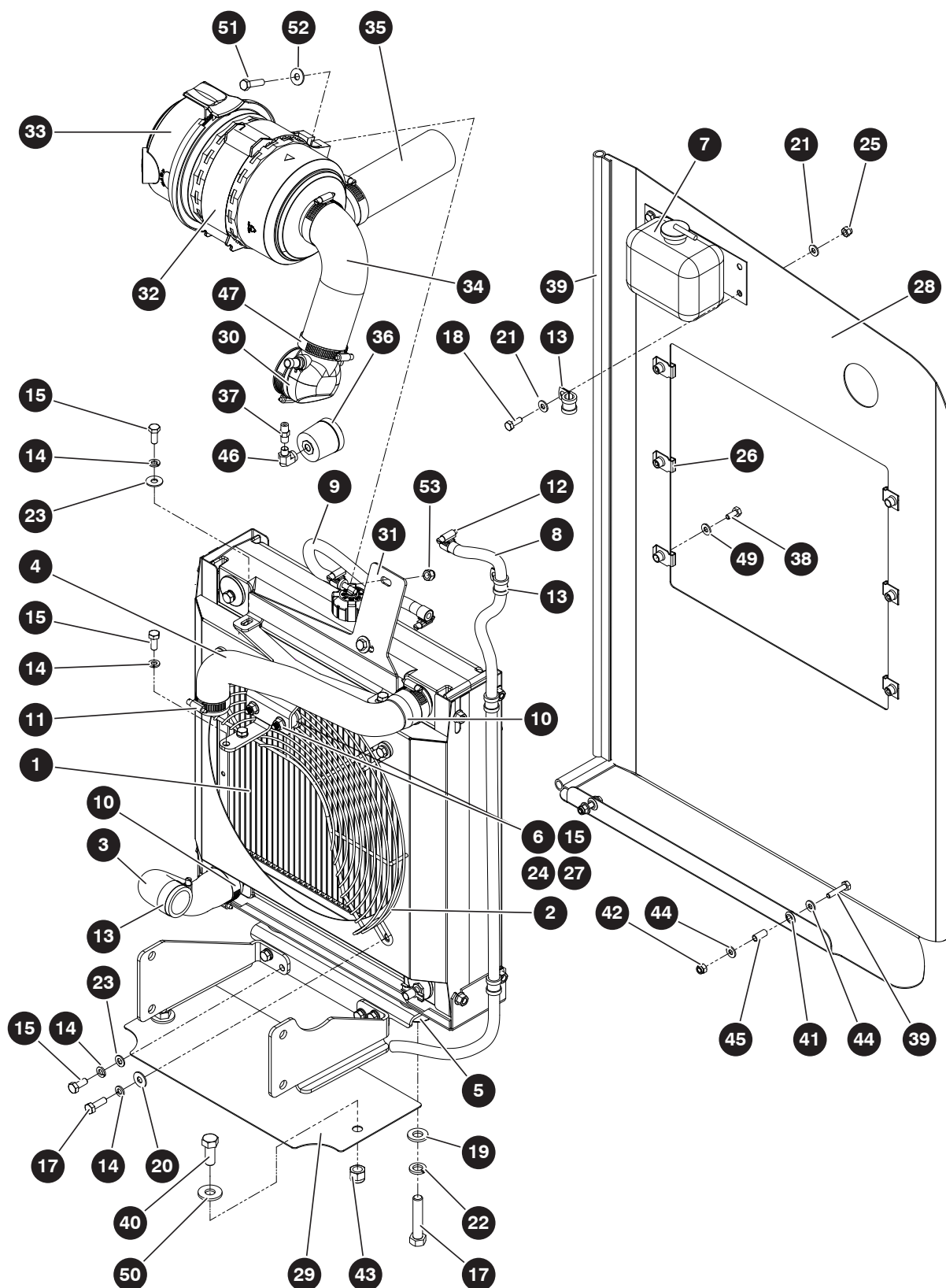
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SKYJACK

7.9 Kubota WG2503 Engine

Index No.	Skyjack Part No.	Qty.	Description
67	103159	1	• • • FITTING, 45° elbow (06 SAE45M - 04 NPTM)
68	169599	1	• • BRACKET, Catalytic converter
69	148377	2	• • CLAMP, Exhaust pipe (2")
70	169568	1	• • PIPE, Exhaust
71	170436	1	• • BRACKET, Display
72	170435	1	• • PLATE, Fuse box
73	165930	9"	• • HOSE, Vapour (0.75")
74	800354	2	• • NUT, Hex head (M6-1.00)
75	933834	4	• • WASHER, Flat (M6)
76	600426	2	• • WASHER, Flat (M12)
77	104608	8	• • BOLT, Hex head (M6 x 1 x 16mm gr 9.8)
78	166767	2	• • BOLT, Hex head (M12 x 1.25 x 35mm gr 8.8)
79	600723	3	• • BOLT, Hex head (M6 x 1 x 10mm gr 8.8)
80	116995	2	• • WASHER, Lock (M12)
81	121758	9	• • WASHER, Lock (M6)
82	103870	4	• • BOLT, Hex head (0.375"-16 x 1.50" gr 5)
83	103472	8	• • WASHER, Flat (0.375")
84	103999	4	• • WASHER, Lock (0.375")
85	103978	4	• • WASHER, Nut (0.375"-16 gr 5)
86	103320	7	• • CLAMP, Hose (1.00")
87	102854	2	• • CLAMP, Hose (0.75")
88	168707	3	• • CLAMP, Loop (1")
89	170411	1	• • FAN, Kubota (13.5" dia)
90	925229	25"	• • HOSE (0.625")
91	925229	30"	• • HOSE (0.625")
92	163509	23"	• • HOSE (300 psi)
93	171120	1	• • SHIELD, Heat
94	169537	1	• • LABEL, Hot surface
95	102287	1	• • CLAMP, U-bolt (1.75" x 2.875")
96	166739	1	• • DISPLAY, Engine parameter
97	144129	2	• • CLAMP, Cushion
98	209197	1	• • HARNESS, Alternator
	209198	1	• • • CABLE, Alternator
	209199	1	• • • CABLE, Starter
	165030	1	• • • HOLDER, Fuse
	198387	1	• • • FUSE, Bolt-down (60 A)
99	123713	2	• • BOLT, Hex head (M12 x 1.25 x 16 mm gr 9.8)
100	933817	2	• • WASHER, Flat (M12)
101	134373	1	• • STUD, Extension - starter
102	(Ref.)	1	• BELL HOUSING (For components, refer to 7.15 Engine Coupling - Kubota)
103	171222	1	• BRACKET, Tail pipe
104	171094	1	• PIPE, Tail
105	102287	2	• CLAMP, U-bolt (1.75" x 2.875")
106	165678	1	• CABLE ASSEMBLY - Weld (#2/0 3/8" x 33" x 5/16" (03,03))
107	198346	1	• HARNESS, Power relay (not shown)



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SKYJACK

7.10 Radiator & Air Intake - Kubota WG2503

Index No.	Skyjack Part No.	Qty.	Description
-	168708	1	RADIATOR ASSEMBLY
1	168423	1	• RADIATOR, Kubota WG2503
2	169273	1	• GUARD, Fan
-	168424	1	• BRACKET KIT, Radiator
3	194635	1	• • HOSE, Lower
4	194636	1	• • HOSE, Upper
5	194637	2	• • ISOLATOR (46.4 mm x 51.21 mm, 0.50"-13))
6	194638	4	• • ISOLATOR (25 mm x 19 mm, M8-1.25)
7	147142	1	• RESERVOIR, Coolant
8	102984	35"	• LINE, Fuel (0.3125")
9	102984	12"	• LINE, Fuel (0.3125")
10	133222	2	• CLAMP, Hose (2.00")
11	104528	2	• CLAMP, Hose (1.75")
12	163521	3	• CLAMP, Hose (0.63")
13	149495	3	• CLAMP, Tube (0.50")
14	116218	11	• WASHER, Lock (M8)
15	133174	10	• BOLT, Hex head (M8-1.25 x 20 gr 8.8)
16	933655	3	• BOLT, Hex head (M8-1.25 x 25 gr 8.8)
17	103901	2	• BOLT, Hex head (0.50"-13 x 2.50" gr 5)
18	103856	1	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
19	104379	2	• WASHER, Flat (0.50" SAE hardened)
20	166164	5	• WASHER, Flat (0.312" USS)
21	103995	2	• WASHER, Flat (0.0.25")
22	103470	2	• WASHER, Lock (0.50" gr 5)
23	133232	4	• WASHER, Flat (M8)
24	933832	2	• WASHER, Flat (M8 - OD 16.0)
25	115649	1	• NUT, Hex head nylon lock (0.25"-20 gr 5)
26	149496	6	• NUT, Speed clip (0.25"-20 x 0.50")
27	933696	2	• NUT, Hex head nylon lock (M8-1.25)
-	170812	1	AIR INTAKE ASSEMBLY
28	170814	1	• BAFFLE, Kubota
29	170813	1	• TRAY, Baffle plate
30	168990	1	• TUBE, Side port
31	170815	1	• BRACKET, Breather
32	164757	1	• BAND, Mounting - air cleaner
33	164760	1	• CLEANER, Air - EP100
	195293	1	• • ELEMENT, Primary
	195294	1	• • ELEMENT, Secondary

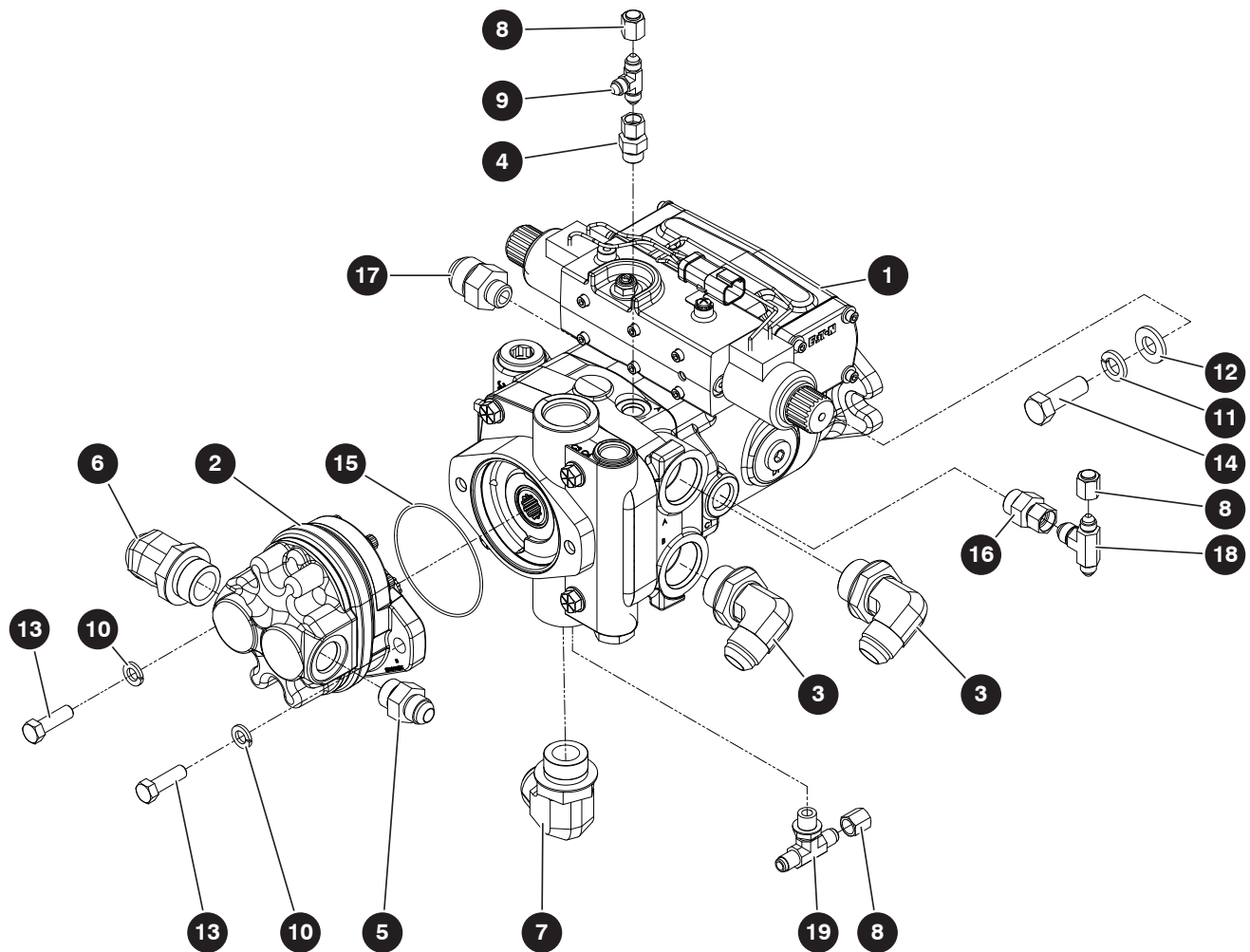
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7.10 Radiator & Air Intake - Kubota WG2503

Index No.	Skyjack Part No.	Qty.	Description
34	170778	1	• HOSE, Intake - clean side
35	170777	1	• HOSE, Intake - dirty side
36	163250	1	• INDICATOR, Service
37	406292	1	• ADAPTER, Pipe nipple (451)
38	103892	6	• BOLT, Hex head (0.25"-20 x 0.625" gr 5)
39	103858	2	• BOLT, Hex head (0.25"-20 x 1.25" gr 5)
40	103909	2	• BOLT, Hex head (0.50"-13 x 1.25" gr 5)
41	100616	2	• GROMMET, Rubber (0.3125" x 0.5625" x 0.125")
42	115649	2	• NUT, Hex head nylon lock (0.25"-20 gr 5)
43	702507	2	• NUT, Hex head nylon lock (0.50"-13 gr 5)
44	103995	4	• WASHER, Flat (0.25")
45	128571	2	• SLEEVE, Anti-vibration
46	139094	1	• FITTING, 90° elbow (0.125" NPTM - 0.125" NPTF)
47	121869	3	• CLAMP, Hose (2.50")
48	137625	42"	• TRIM, Rubber
49	103995	6	• WASHER, Flat (0.25")
50	104379	2	• WASHER, Flat (0.50" hard)
51	112532	2	• BOLT, Hex head (0.312"-18 x 1.25" gr 5)
52	166164	2	• WASHER, Flat (0.312" USS)
53	103984	2	• NUT, Hex head nylon lock (0.313"-18 gr 5)

7.11 Drive and System Pump



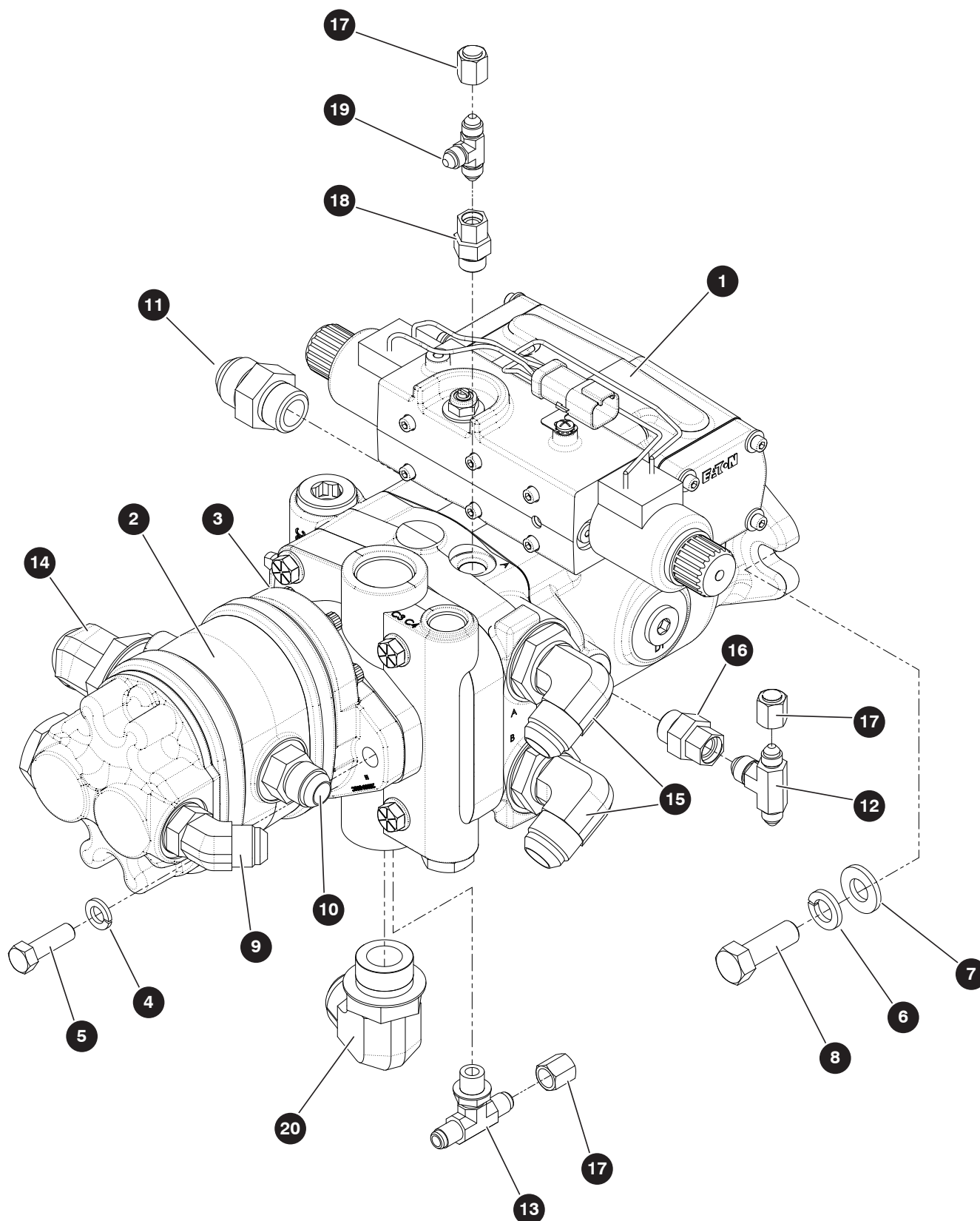
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7.11 Drive and System Pump

Index No.	Skyjack Part No.	Qty.	Description
A	161760	1	DRIVE AND SYSTEM PUMP ASSEMBLY <i>for units with no generator, or a 3.5 kW generator</i>
1	170599	1	• PUMP, Drive <i>(for serial number 95 001 292 & above), A</i>
	161686	1	• PUMP, Drive <i>(for serial number 95 001 291 & below), B</i>
2	161963	1	• PUMP, System
3	710124	2	• FITTING, Elbow 90° (12 JICM - 16 ORBM)
4	160885	1	• FITTING, Straight (06 ORBM - 04 JICFS)
5	137630	1	• FITTING, Straight (10 JICM - 10 ORBM)
6	149318	1	• FITTING, Elbow 45° (16 JICM - 16 ORBM)
7	707040	1	• FITTING, Elbow 90° (16 JICM - 16 ORBM)
8	131286	3	• CAP (04 JICF)
9	131697	1	• FITTING, Run tee (04 JICM)
10	103999	2	• WASHER, Lock (3/8")
11	103470	2	• WASHER, Lock (1/2", Grade 5)
12	104379	2	• WASHER, Flat (1/2")
13	101297	2	• BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)
14	103907	2	• BOLT, Hex head (1/2"-13 x 1 1/2" Grade 5)
15	162387	1	• O-RING
16	162043	1	• FITTING, Straight (08 ORBM - 06 JICFS)
17	702118	1	• FITTING, Straight (12 JICM - 12 ORBM), A1
	144279	1	• FITTING, Straight (08 ORBM - 12 JICM), B
18	162044	1	• FITTING, Tee (04 JICM - 04 JICM - 06 JICM)
19	148490	1	• FITTING, Tee (06 SAEM - 04 JICM - 04 JICM)
K1	160637	1	SEAL KIT, Drive Pump



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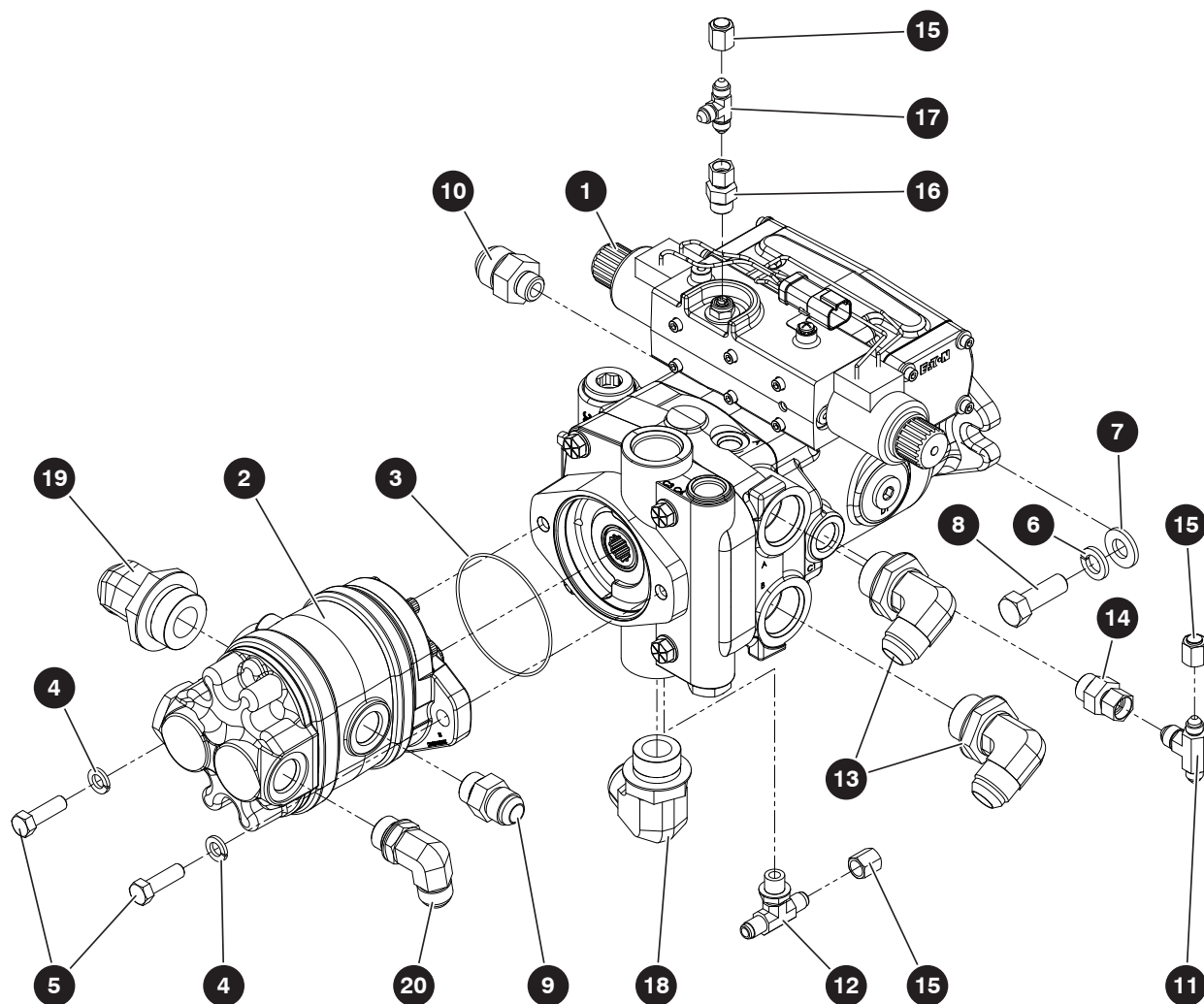
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SKYJACK

7.12 Drive and System Pump with 7.5 kW Generator

Index No.	Skyjack Part No.	Qty.	Description
-	210006	1	DRIVE AND SYSTEM PUMP - <i>for AS units with a 7.5 kW generator</i>
1	170599	1	• PUMP, Drive
2	209297	1	• PUMP, Tandem gear
3	162387	1	• O-RING (3.25" ID x 1/16")
4	103999	2	• WASHER, Lock (3/8")
5	101297	2	• BOLT, Hex head (3/8"-16 x 1-1/4" Grade 5)
6	103470	2	• WASHER, Lock (1/2" Grade 5)
7	104379	2	• WASHER, Flat (1/2" Hardened)
8	103907	2	• BOLT, Hex head (1/2"-13 x 1-1/2" Grade 5)
9	149215	1	• FITTING, 45° (10 JICM - 10 ORBM)
10	137630	1	• FITTING, Straight (10 JICM - 10 ORBM)
11	702118	1	• FITTING, Straight (12 JICM - 12 ORBM), A
12	162044	1	• FITTING, Tee (04 JICM - 04 JICM - 06 JICM)
13	148490	1	• FITTING, Branch Tee (06 SAEM - 04 JICM - 04 JICM)
14	165074	1	• FITTING, 45° (16 JICM - 20 ORBM)
15	710124	2	• FITTING, 90° (12 JICM - 16 ORBM)
16	162043	1	• FITTING, Straight (08 ORBM - 06 JICFS)
17	131286	3	• FITTING, Cap (04 JICF)
18	160885	1	• FITTING, Straight (06 ORBM - 04 JICFS)
19	131697	1	• FITTING, Tee (04 JICM - 04 JICM - 04 JICM)
20	707040	1	• FITTING, 90° (16 JICM - 16 ORBM)
K	160637	1	SEAL KIT, Drive Pump

7.13 Drive and System Pump with 12 kW Generator



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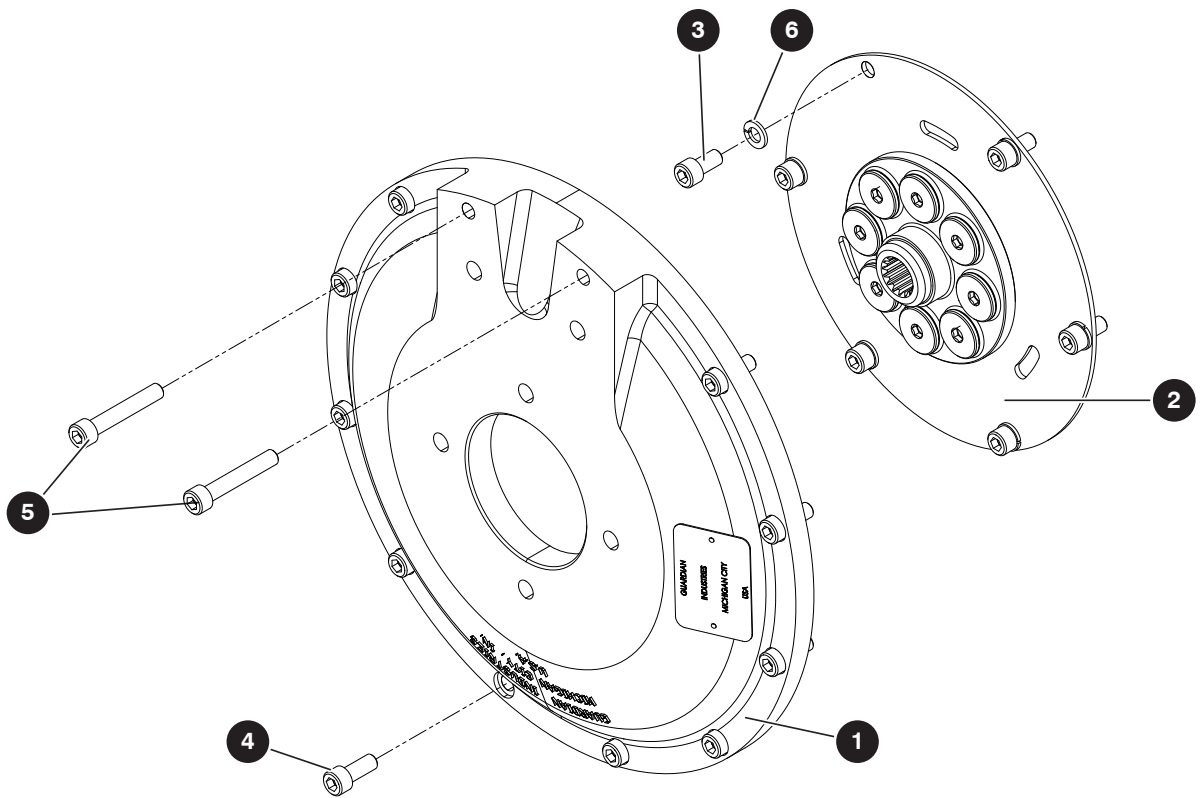
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7.13 Drive and System Pump with 12 kW Generator

Index No.	Skyjack Part No.	Qty.	Description
-	165046	1	DRIVE AND SYSTEM PUMP ASSEMBLY - <i>for ANSI/CSA units with a 12 kW generator</i>
1	170599	1	• PUMP ASSEMBLY, Drive (<i>for serial number 95 001 292 & above</i>) - A
	161686	1	• PUMP ASSEMBLY, Drive (<i>for serial number 95 001 291 & below</i>) - B
2	162330	1	• PUMP, Tandem gear SJ46AJ
3	162387	1	• O-RING (3.25" ID x 1/16")
4	103999	2	• WASHER, Lock (3/8")
5	101297	2	• BOLT, Hex head (3/8"-16 x 1-1/4" Grade 5)
6	103470	2	• WASHER, Lock (1/2" Grade 5)
7	104379	2	• WASHER, Flat (1/2" Hardened)
8	103907	2	• BOLT, Hex head (1/2"-13 x 1-1/2" Grade 5)
9	137630	1	• FITTING, Straight (10 JICM - 10 ORBM)
10	702118	1	• FITTING, Straight (12 JICM - 12 ORBM), A
	144279	1	• FITTING, Straight (08 ORBM - 12 JICM), B
11	162044	1	• FITTING, Tee (04 JICM - 04 JICM - 06 JICM)
12	148490	1	• FITTING, Branch Tee (06 SAEM - 04 JICM - 04 JICM)
13	710124	2	• FITTING, 90° (12 JICM - 16 ORBM)
14	162043	1	• FITTING, Straight (08 ORBM - 06 JICFS)
15	131286	3	• FITTING, Cap (04 JICF)
16	160885	1	• FITTING, Straight (06 ORBM - 04 JICFS)
17	131697	1	• FITTING, Tee (04 JICM - 04 JICM - 04 JICM)
18	707040	1	• FITTING, 90° (16 JICM - 16 ORBM)
19	165074	1	• FITTING, 45° (16 JICM - 20 ORBM)
20	135091	1	• FITTING, 90° (10 JICM - 10 ORBM)
K1	160637	1	SEAL KIT, Drive Pump

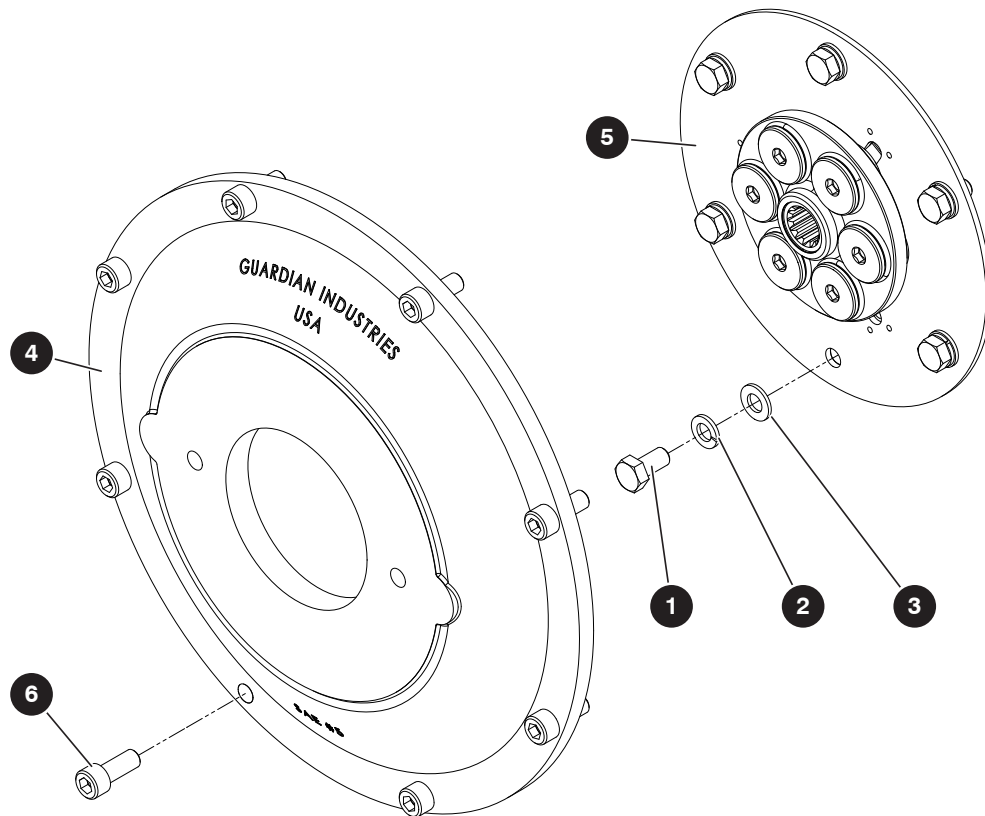
7.14 Engine Coupling - Deutz



M168043AA

Index No.	Skyjack Part No.	Qty.	Description
-	168043	1	ENGINE COUPLING ASSEMBLY - Deutz
1	152332	1	• HOUSING
2	168034	1	• COUPLING, Flywheel
3	168042	6	• BOLT, Socket head cap screw (M10 x 1.50 x 20mm, Grade 8.8)
4	168053	10	• BOLT, Socket head cap screw (M10 x 1.50 x 25mm, Grade 8.8)
5	152335	2	• BOLT, Socket head cap screw (M10 x 1.50 x 60mm, Grade 8.8)
6	132497	6	• WASHER, Lock (M10)

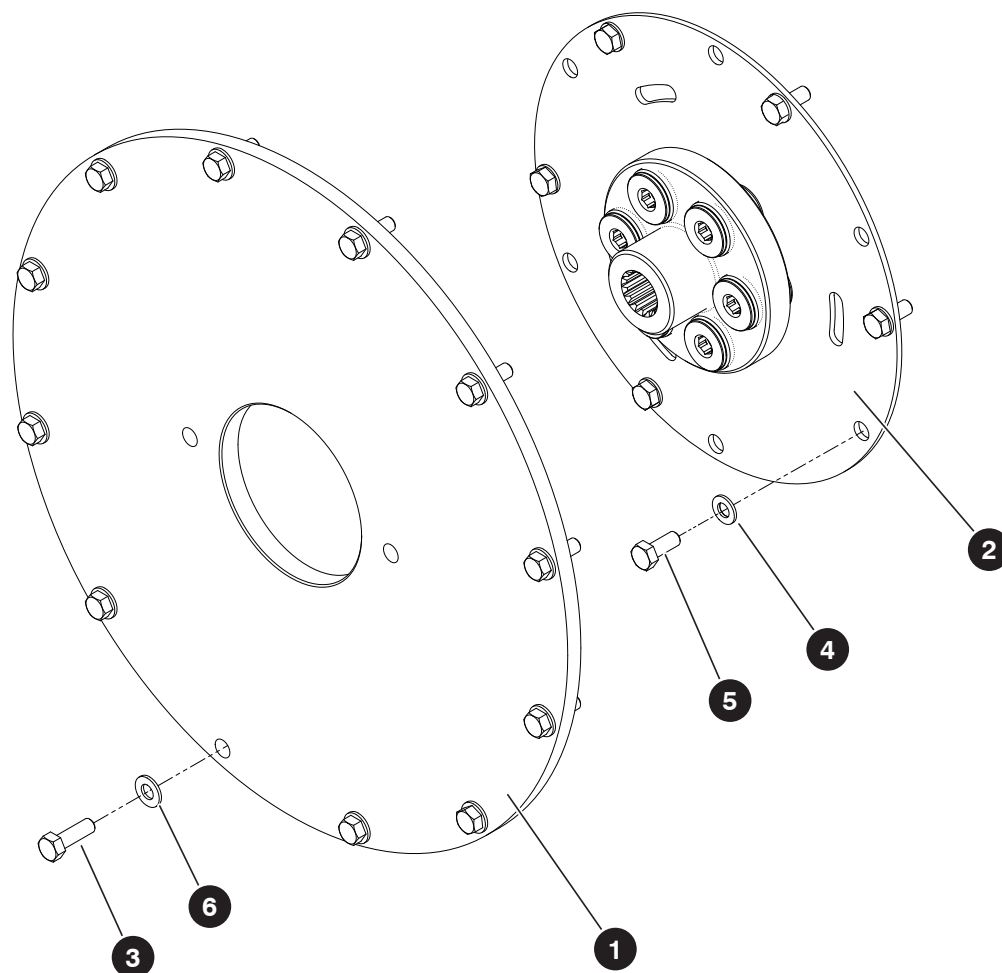
7.15 Engine Coupling - Kubota



M170745AA

Index No.	Skyjack Part No.	Qty.	Description
-	170745	1	BELL HOUSING ASSEMBLY - Kubota WG2503
1	103848	6	• BOLT, Hex head (M10 x 1.25 x 20mm, Grade 8.8)
2	132497	6	• WASHER, Lock (M10)
3	600315	6	• WASHER, Flat (M10)
-	168628	1	• HOUSING ASSEMBLY
4	194719	1	• • HOUSING, Bell
5	194720	1	• • COUPLING, Spline
6	168053	8	• BOLT, Socket head cap screw (M10 x 1.50 x 25mm, Grade 8.8)

7.16 Engine Coupling - Perkins



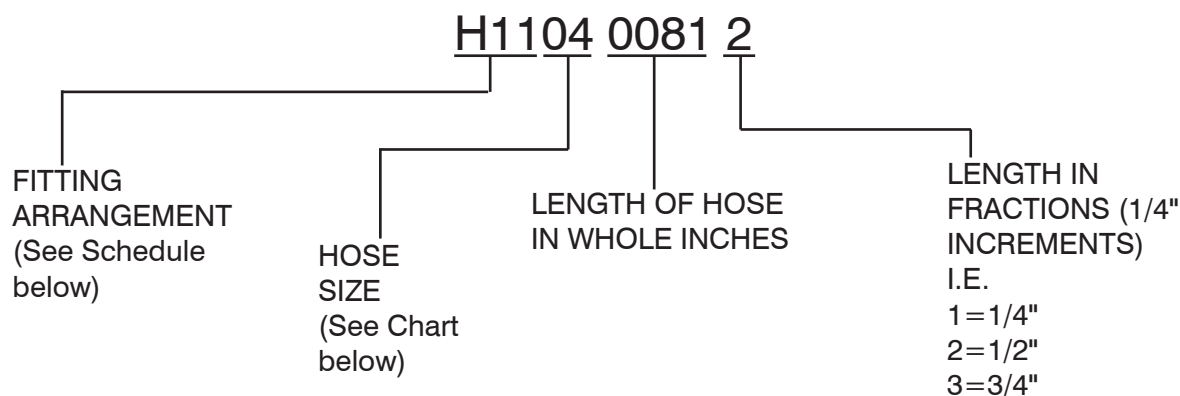
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Index No.	Skyjack Part No.	Qty.	Description
-	198403	1	ENGINE COUPLING ASSEMBLY - Perkins 2.2TA
-	196452	1	• PUMP COUPLING, Perkins
1	211848	1	• • HOUSING, Flywheel
2	211849	1	• • COUPLING, Flywheel
3	207298	12	• BOLT, Hex head (0.312"-18 x 1.00" gr 8)
4	933833	6	• WASHER, Flat (M10 - OD 20.0)
5	168042	6	• BOLT, Socket head (M10 x 1.50 x 20 mm gr 5)
6	125959	12	• WASHER, Flat (0.312" SAE)

Section 8 – Hose Connections

- 8.1 *Standard Hose Numbering System*
- 8.2 *Hydraulic Hoses - Boom*
- 8.3 *Hydraulic Hoses - Manifolds & Swing Drive (S/N 95 002 084 & below)*
- 8.4 *Hydraulic Hoses - Pumps (S/N 95 002 084 & below)*
- 8.5 *Hydraulic Hoses - Turret (S/N 95 002 085 & above)*
- 8.6 *Hydraulic Hoses - Base (S/N 95 002 084 & below)*
- 8.7 *Hydraulic Hoses - Base (S/N 95 002 085 & above)*
- 8.8 *Fuel Lines - Deutz D2.9L*
- 8.9 *Fuel Lines - Deutz D2011*
- 8.10 *Fuel Lines - Perkins 2.2T*
- 8.11 *Fuel Lines - GM*
- 8.12 *Fuel Lines - Kubota WG2503*
- 8.13 *Propane Lines - Kubota WG2503*

8.1 Standard Hose Numbering System



Using the number above as an example, H1104 0081 2, this hose requires a 37° JIC female swivel fitting on one end, and a medium length 90° JIC female swivel fitting for the other end. The hose must meet or exceed the S.A.E. 100R13 hose specification, and be a total of 81-1/2" long.



NOTE

Hose ends and hose must be from same manufacturer per S.A.E. J1273 Nov. '91, Sections 3.10 and 4.2. Hose ends and hose must be of the same size i.e. #4 size fittings must be used with #4 size hose.

Hose Size Chart

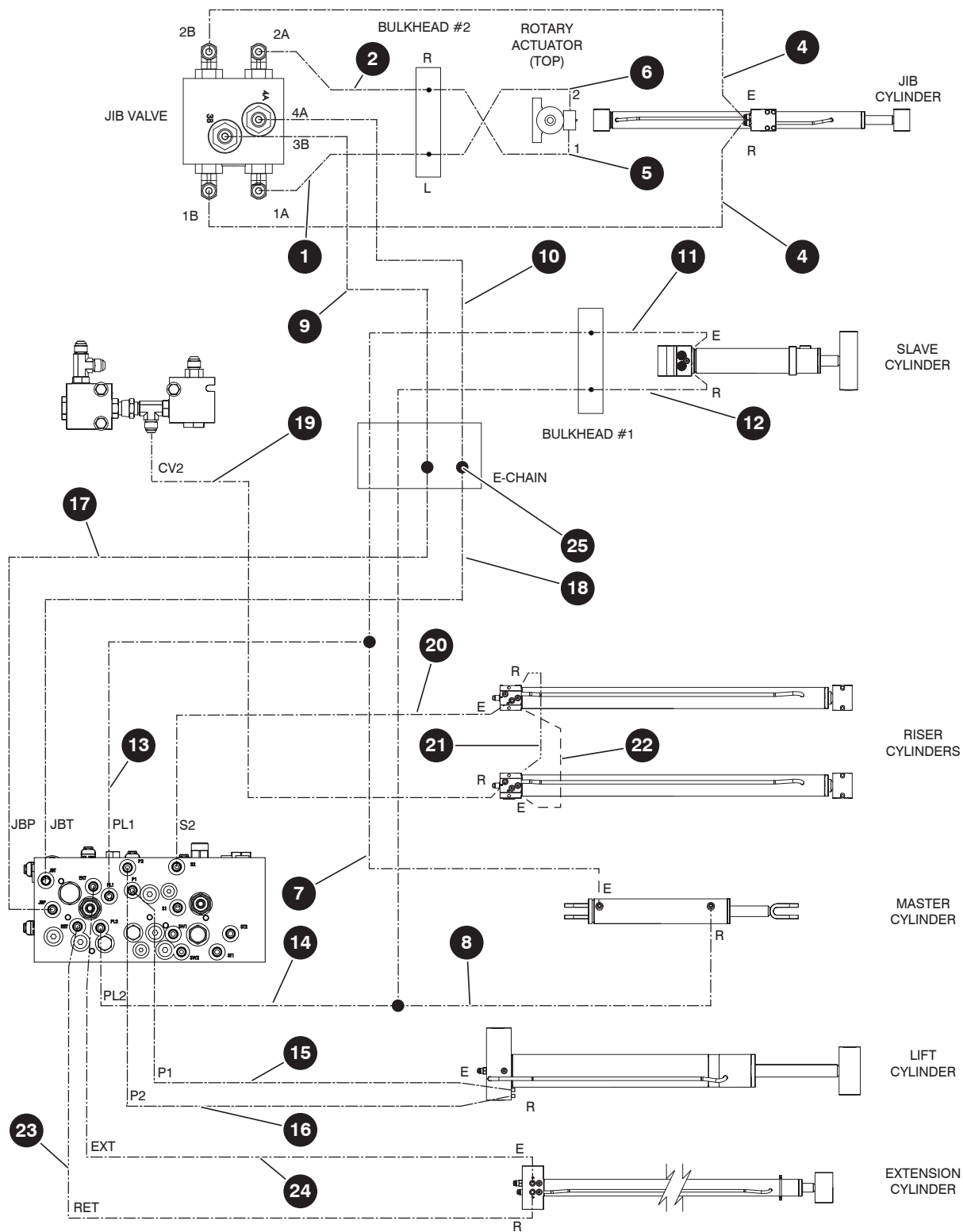
Size	03	04	06	08	10	12	16	20	24	32	40	48	56	64
ID	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"

Fitting Arrangement Schedule

Hose Prefix	Hose End Fitting	Hose End Fitting	S.A.E. Hose Specification
H01	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H02	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R13
H03	FEMALE, 37° JIC, SWIVEL	45°, FEMALE, 37° JIC, SWIVEL	100R17
H04	FEMALE, 37° JIC, SWIVEL	45°, FEMALE, 37° JIC, SWIVEL	100R13
H05	FEMALE, 37° JIC, SWIVEL	LONG 90°, FEMALE, 37° JIC, SWIVEL	100R17
H06	FEMALE, 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R17
H07	LONG 90°, FEMALE, 37° JIC, SWIVEL	LONG 90°, FEMALE, 37° JIC, SWIVEL	100R17
H08	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R4
H09	FEMALE, 37° JIC, SWIVEL	45°, FEMALE, 37° JIC, SWIVEL	100R4
H10	FEMALE, 37° JIC, SWIVEL	MALE PIPE THREAD FITTING	100R17
H11	FEMALE, 37° JIC, SWIVEL	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	100R13
H12	SHORT 90°, FEMALE, 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R17
H13	FEMALE, 37° JIC, SWIVEL	REUSABLE MALE PIPE THREAD FITTING	300 PSI
H14	REUSABLE MALE PIPE THREAD FITTING	NO FITTING	300 PSI
H15	REUSABLE FEMALE, 37° JIC, SWIVEL	REUSABLE FEMALE, 37° JIC, SWIVEL	300 PSI
H16	NO FITTING	NO FITTING	100R4
H17	NO FITTING	NO FITTING	300 PSI
H18	REUSABLE, FEMALE, 37° JIC, SWIVEL	NO FITTING	300 PSI

8.1 Standard Hose Numbering System

Hose Prefix	Hose End Fitting	Hose End Fitting	S.A.E. Hose Specification
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
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, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H51	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H52	SHORT 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H53	MEDIUM 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H54	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H55	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H56	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H57	SHORT 45°, FEMALE, SAE ORFS, SWIVEL	FEMALE, SAE ORFS, SWIVEL	100R13
H58	FEMALE, SAE ORFS, SWIVEL	FEMALE, SAE ORFS, SWIVEL	100R13
H59	MEDIUM 90°, FEMALE, SAE ORFS, SWIVEL	FEMALE, SAE ORFS, SWIVEL	100R13
H60	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R17
H61	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H62	SHORT 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H63	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H64	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R16
H65	MEDIUM 67°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R12
H66	FEMALE, 37° JIC, SWIVEL	NO FITTING	100R4
H67	FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R19
H68	SHORT 45°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R19
H69	MEDIUM 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R19
H70	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R19
H71	LONG 90°, FEMALE, SAE ORFS, SWIVEL	FEMALE, SAE ORFS, SWIVEL	100R15



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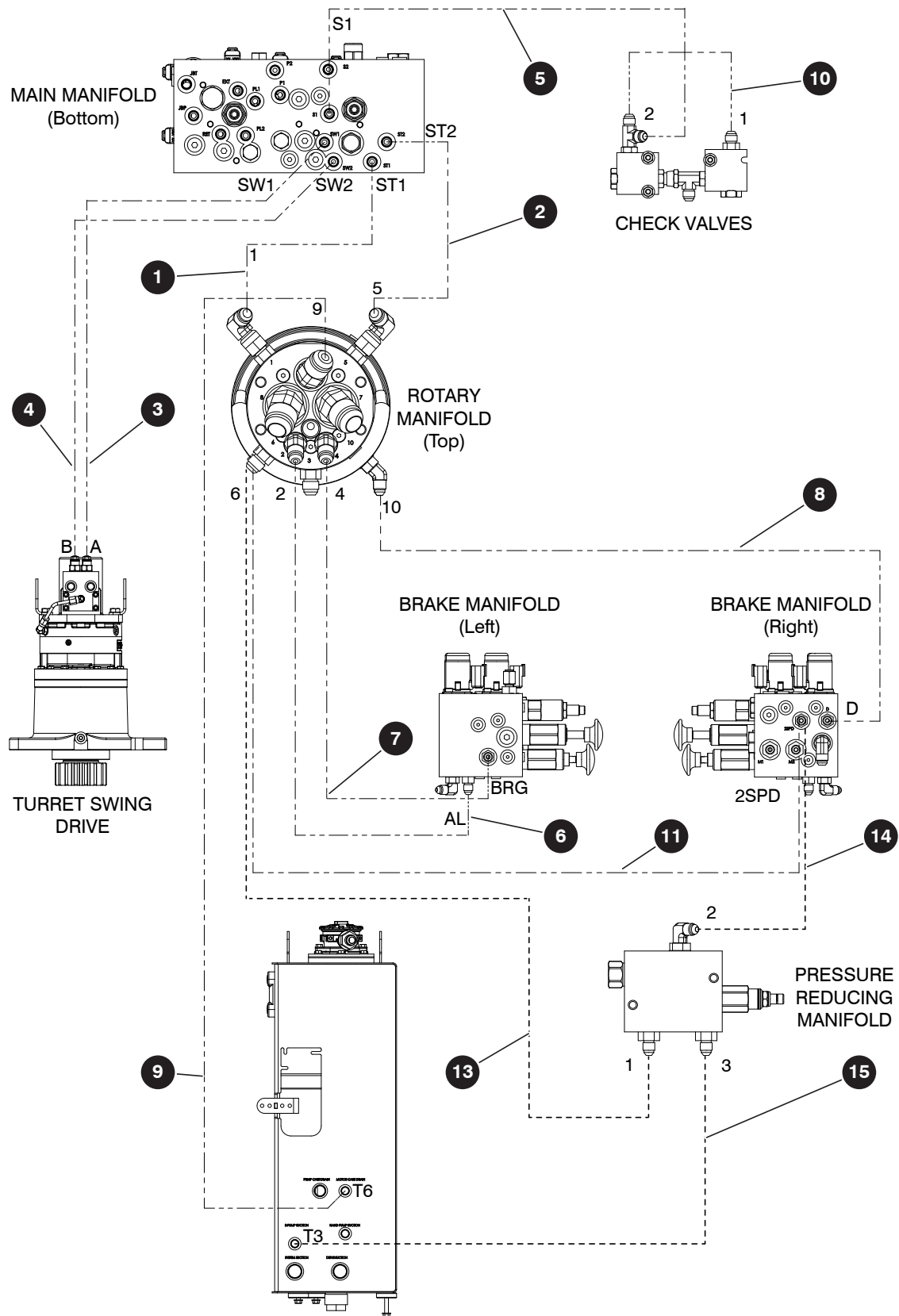
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8.2 Hydraulic Hoses - Boom

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	167647	JIB HOSE KIT			
1	H3104 0031 0	Bulkhead 2 (Rotary Actuator)	L	1A	Jib Manifold
2	H3104 0031 0	Bulkhead 2 (Rotary Actuator)	R	2A	Jib Manifold
3	H3104 0018 0	Jib Manifold	1B	R	Jib Cylinder
4	H3104 0018 0	Jib Manifold	2B	E	Jib Cylinder
5	H3404 0013 0	Rotary Actuator	P1	R	Bulkhead (Rotary Actuator)
6	H3404 0013 0	Rotary Actuator	P2	L	Bulkhead (Rotary Actuator)
-	169596	E-CHAIN HOSE KIT - SJ46AJ			
-	169569	E-CHAIN HOSE KIT - SJ51AJ			
7	H3104 0219 0	Master Cylinder - SJ46AJ	E	-	Bulkhead 1 (Fly Boom)
	H3104 0283 0	Master Cylinder - SJ51AJ	E	-	Bulkhead 1 (Fly Boom)
8	H3104 0230 0	Master Cylinder - SJ46AJ	R	-	Bulkhead 1 (Fly Boom)
	H3104 0298 0	Master Cylinder - SJ51AJ	R	-	Bulkhead 1 (Fly Boom)
9	H3104 0267 0	Jib Manifold - SJ46AJ	3B	-	Union
	H3104 0324 0	Jib Manifold - SJ51AJ	3B	-	Union
10	H3104 0267 0	Jib Manifold - SJ46AJ	4A	-	Union
	H3104 0324 0	Jib Manifold - SJ51AJ	4A	-	Union
11	H3104 0028 2	Slave Cylinder	E	-	Bulkhead 1 (Fly Boom)
12	H3104 0028 2	Slave Cylinder	R	-	Bulkhead 1 (Fly Boom)
-	149103	RISER HOSE KIT			
13	H3104 0380 0	Main Manifold	PL1	E	Master Cylinder
14	H3104 0360 0	Main Manifold	PL2	R	Master Cylinder
15	H3104 0380 0	Main Manifold	P1	E	Boom Lift Cylinder
16	H3104 0374 0	Main Manifold	P2	R	Boom Lift Cylinder
17	H3104 0392 0	Main Manifold	JBP	-	Union
18	H3104 0392 0	Main Manifold	JBT	-	Union
19	H3206 0144 0	Check Valve	CV2	E	Riser Cylinder - RH
20	H3104 0144 0	Main Manifold	S2	R	Riser Cylinder - LH
21	H3106 0031 0	Riser Cylinder LH - Return	R	R	Riser Cylinder RH - Return
22	H3106 0031 0	Riser Cylinder LH - Return	E	E	Riser Cylinder RH - Return
23	H3106 0346 0	Main Manifold	RET	R	Extension Cylinder
24	H3106 0346 0	Main Manifold	EXT	E	Extension Cylinder
Index No.	Skyjack Part No.	Qty.	Description		
25	134835	2	FITTING, Straight (04 JICM - 04 JICM) (component of Riser Hose Kit)		
26	131732	48"	SLEEVE, Nylon hose protection (componen of E-Chain Hose Kit)		

8.3 Hoses - Manifolds & Swing Drive (S/N 95 002 084 & below) AE



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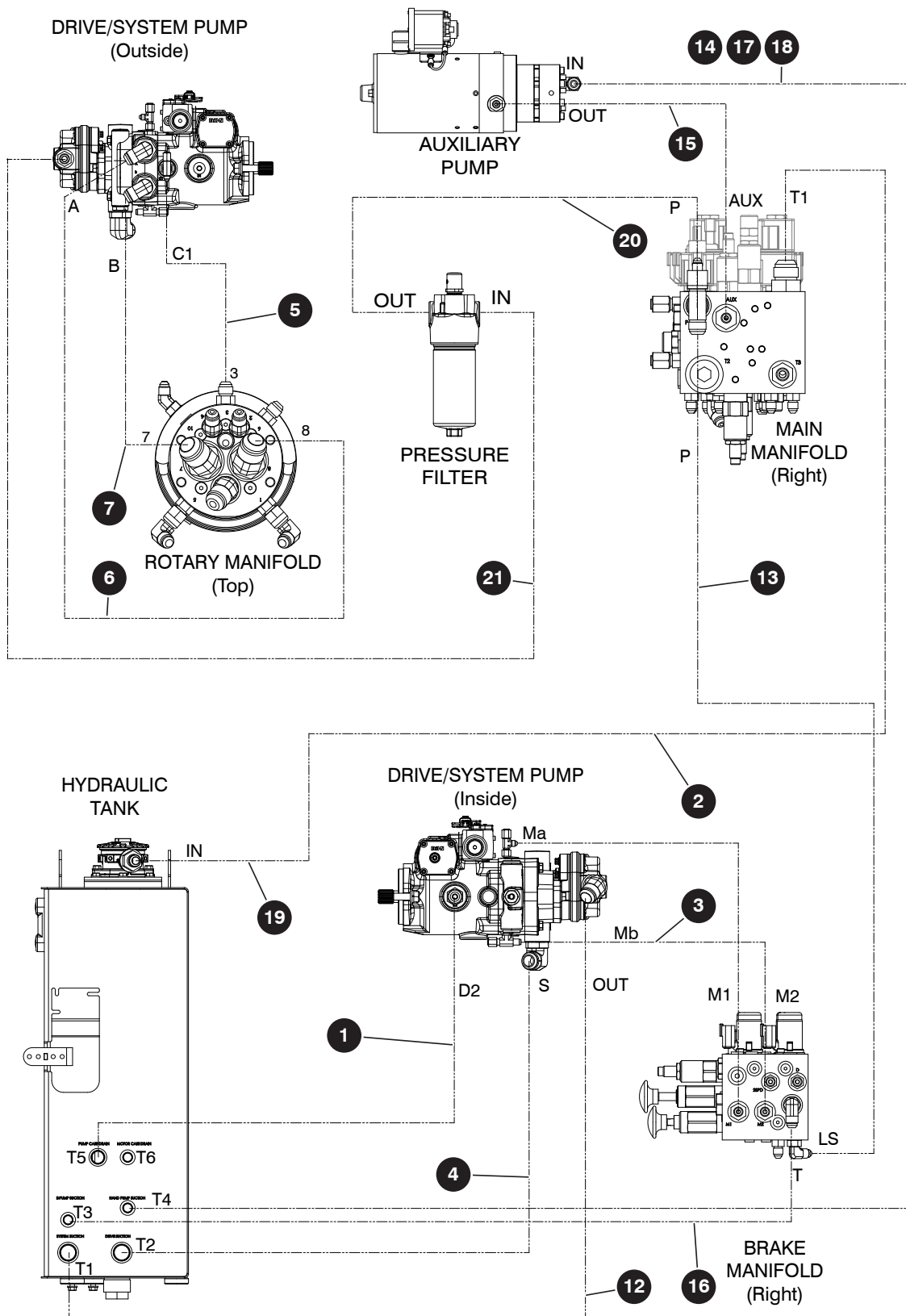
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AE 8.3 Hoses - Manifolds & Swing Drive (S/N 95 002 084 & below)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	166742	TURRET HOSE KIT - S/N 95 001 717 to 95 002 084			
1	H3404 0039 0	Main Manifold	ST1	1	Rotary Manifold
2	H3404 0041 0	Main Manifold	ST2	5	Rotary Manifold
3	H3404 0054 0	Main Manifold	SW1	A	Swing Drive
4	H3404 0054 0	Main Manifold	SW2	B	Swing Drive
5	H3206 0012 2	Main Manifold	S1	2	Check Valve
6	H3404 0037 0	Brake Manifold	AL	2	Rotary Manifold
7	H3404 0037 0	Brake Manifold	BRG	4	Rotary Manifold
8	H3404 0034 0	Brake Manifold	D	10	Rotary Manifold
9	H3408 0057 0	Rotary Manifold	9	T6	Hydraulic Tank
10	H3106 0016 0	Check Valve Assembly	1	2	Check Valve Assembly
11	H5404 0046 0	Brake Manifold	2SPD	6	Rotary Manifold
12	131732	Nylon Sleeve ("13)			
-		S/N 95 001 716 & below			
13	H3401 0024 0	Pressure Reducing Manifold	1	6	Rotary Manifold
14	H3404 0018 0	Pressure Reducing Manifold	2	2SPD	Brake Manifold
15	H3404 0013 0	Pressure Reducing Manifold	3	T3	Hydraulic Tank

8.4 Hydraulic Hoses - Pumps (S/N 95 002 084 & below)

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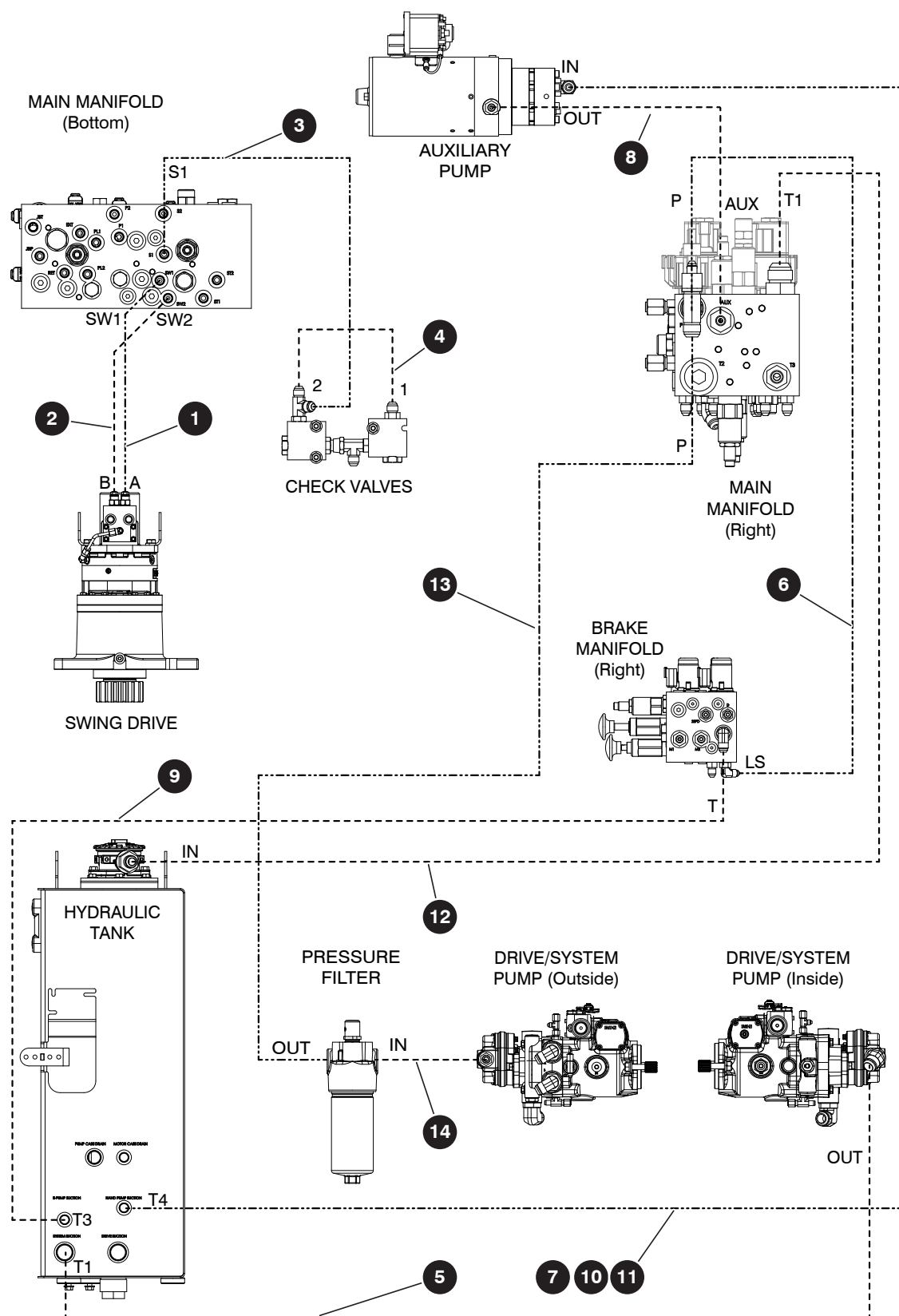
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8.4 Hydraulic Hoses - Pumps (S/N 95 002 084 & below)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	166807	DRIVE PUMP HOSE KIT - S/N 95 002 084 & below			
1	H3712 0062 0	Drive Pump	D2	T5	Hydraulic Tank (P. Case Drain)
2	H4004 0080 0	Drive Pump	Ma	M1	Brake Manifold
3	H4004 0080 0	Drive Pump	Mb	M2	Brake Manifold
4	H3816 0057 0	Drive Pump	S	T2	Hydraulic Tank (Drive Suction)
5	H3404 0062 0	Drive Pump	C1	3	Rotary Manifold
6	H0412 0053 0	Drive Pump	A	8	Rotary Manifold
7	H0412 0050 0	Drive Pump	B	7	Rotary Manifold
8	131732	Sleeve, Nylon (24")	-	-	
9	131732	Sleeve, Nylon (19")	-	-	
10	131732	Sleeve, Nylon (13")	-	-	
11	131732	Sleeve, Nylon (24")	-	-	
-	166841	SYSTEM & AUXILIARY PUMP HOSE KIT			
12	H3916 0059 0	System Pump (Suction)	OUT	T1	Hydraulic Tank
13	H3204 0042 0	Main Manifold	P	LS	Brake Manifold
14	H1708 0007 0	Hydraulic Tank (H.P. Suction)	T4	IN	Auxiliary Pump
15	H3404 0034 0	Auxiliary Pump	OUT	AUX	Main Manifold
16	H5106 0018 0	Brake Manifold	T	T3	Main Manifold
17	144087	Straight Fitting (08 BARB - 08 JICFS)			
18	144094	Hose Clamp (19-21 Mikalor)			
-	166752	NO OIL COOLER HOSE HOSE			
19	H5112 0030 0	Return Filter	IN	T1	Main Manifold
20	H5108 0086 0	Pressure Filter	OUT	P	Main Manifold
21	H5410 0039 0	Pressure Filter	IN	-	System Pump

8.5 Hydraulic Hoses - Turret (S/N 95 002 085 & above)

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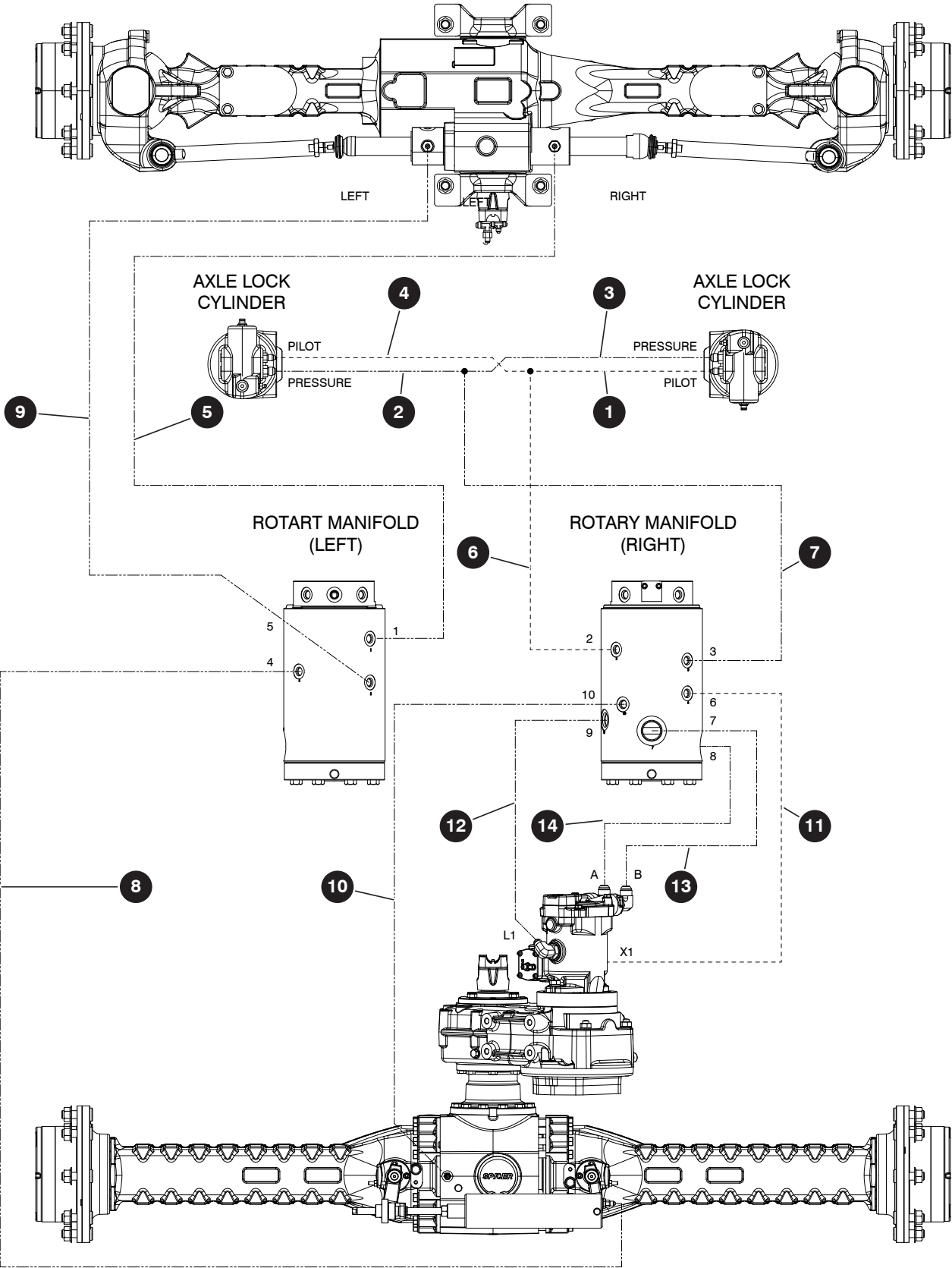
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8.5 Hydraulic Hoses - Turret (S/N 95 002 085 & above)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	211209	TURRET HOSE KIT - S/N 95 002 085 & above			
1	H3404 0054 0	Main Manifold	SW1	A	Swing Drive
2	H3404 0054 0	Main Manifold	SW2	B	Swing Drive
3	H3206 0012 2	Main Manifold	S1	2	Check Valve
4	H3106 0016 0	Check Valve	1	2	Check Valve
-	166841	SYSTEM & AUXILIARY PUMP HOSE KIT			
5	H3916 0059 0	System Pump (Suction)	OUT	T1	Hydraulic Tank
6	H3204 0042 0	Main Manifold	P	LS	Brake Manifold
7	H1708 0007 0	Hydraulic Tank (H.P. Suction)	T4	IN	Auxiliary Pump
8	H3404 0034 0	Auxiliary Pump	OUT	AUX	Main Manifold
9	H5106 0018 0	Brake Manifold	T	T3	Main Manifold
10	144087	Straight Fitting (08 BARB - 08 JICFS)			
11	144094	Hose Clamp (19-21 Mikalor)			
-	166752	NO OIL COOLER HOSE KIT			
12	H5112 0030 0	Return Filter	IN	T1	Main Manifold
13	H5108 0086 0	Pressure Filter	OUT	P	Main Manifold
14	H5410 0039 0	Pressure Filter	IN	-	System Pump

8.6 Hydraulic Hoses - Base (S/N 95 002 084 & below)



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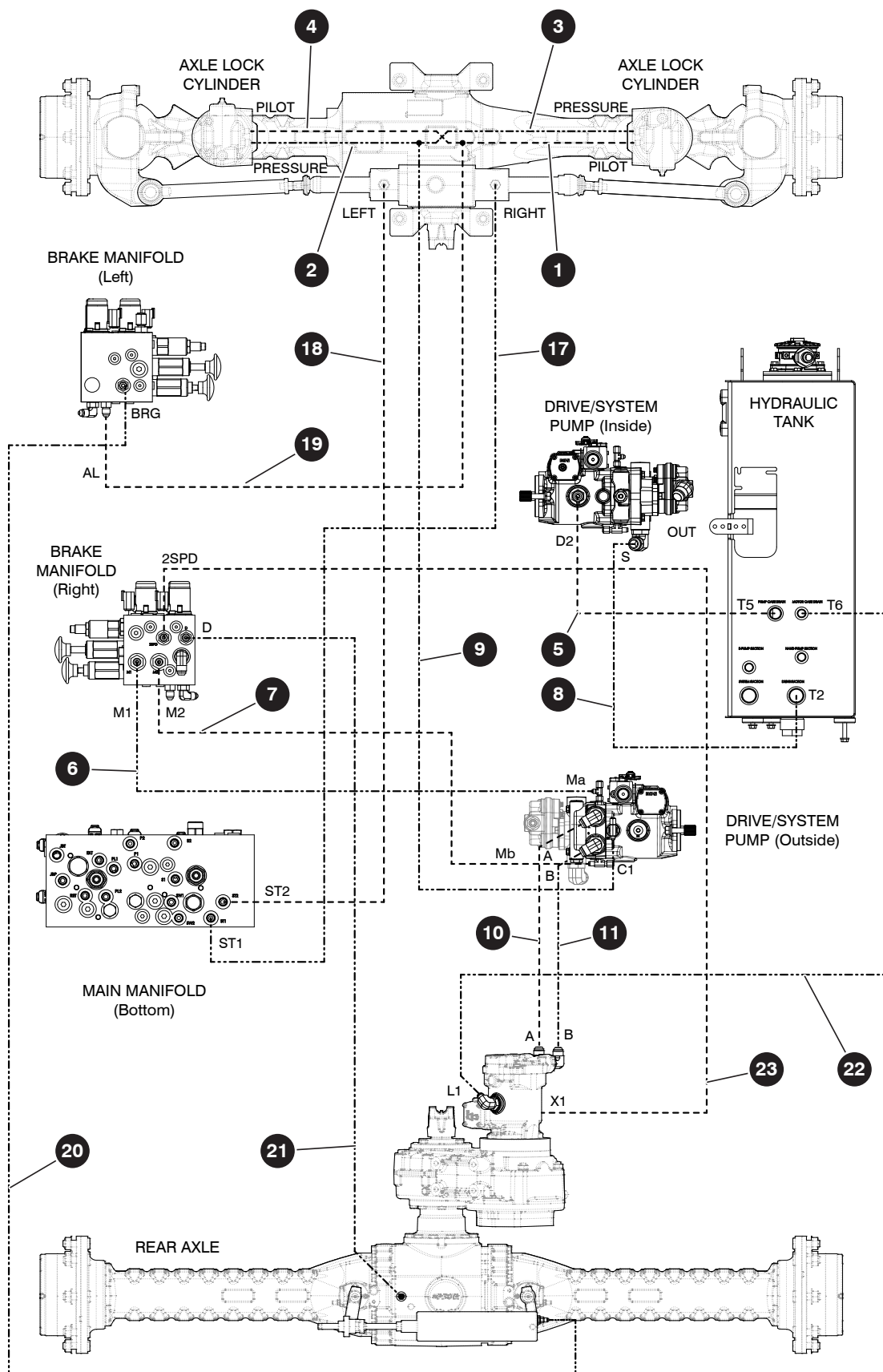
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8.6 Hydraulic Hoses - Base (S/N 95 002 084 & below)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	163574	CHASSIS HOSE KIT - S/N 95 002 084 & below			
1	H3104 0031 0	Axle Lock - Pilot Right	-	-	Axle Lock - Pilot Tee
2	H3106 0031 0	Axle Lock - Pressure Left	-	-	Axle Lock - Pressure Tee
3	H3106 0031 0	Axle Lock - Pressure Right	-	-	Axle Lock - Pressure Tee
4	H3104 0031 0	Axle Lock - Pilot Left	-	-	Axle Lock - Pilot Tee
5	H3204 0047 0	Rotary Manifold	1	-	Steer Cylinder - Right
6	H3104 0035 0	Rotary Manifold	2	-	Axle Lock - Pilot Tee
7	H3404 0032 2	Rotary Manifold	3	-	Axle Lock - Pressure Tee
8	H3404 0056 2	Rotary Manifold	4	-	Rear Axle - Brake Cylinder
9	H3204 0047 0	Rotary Manifold	5	-	Steer Cylinder - Left
10	H3404 0052 0	Rotary Manifold	10	-	Rear Axle - Differential Lock
11	H3404 0032 2	Rotary Manifold	6	X1	Drive Motor
12	H3108 0022 0	Rotary Manifold	9	L1	Drive Motor
13	H0212 0022 0	Rotary Manifold	7	B	Drive Motor
14	H0212 0027 0	Rotary Manifold	8	A	Drive Motor

8.7 Hydraulic Hoses - Base (S/N 95 002 085 & above)

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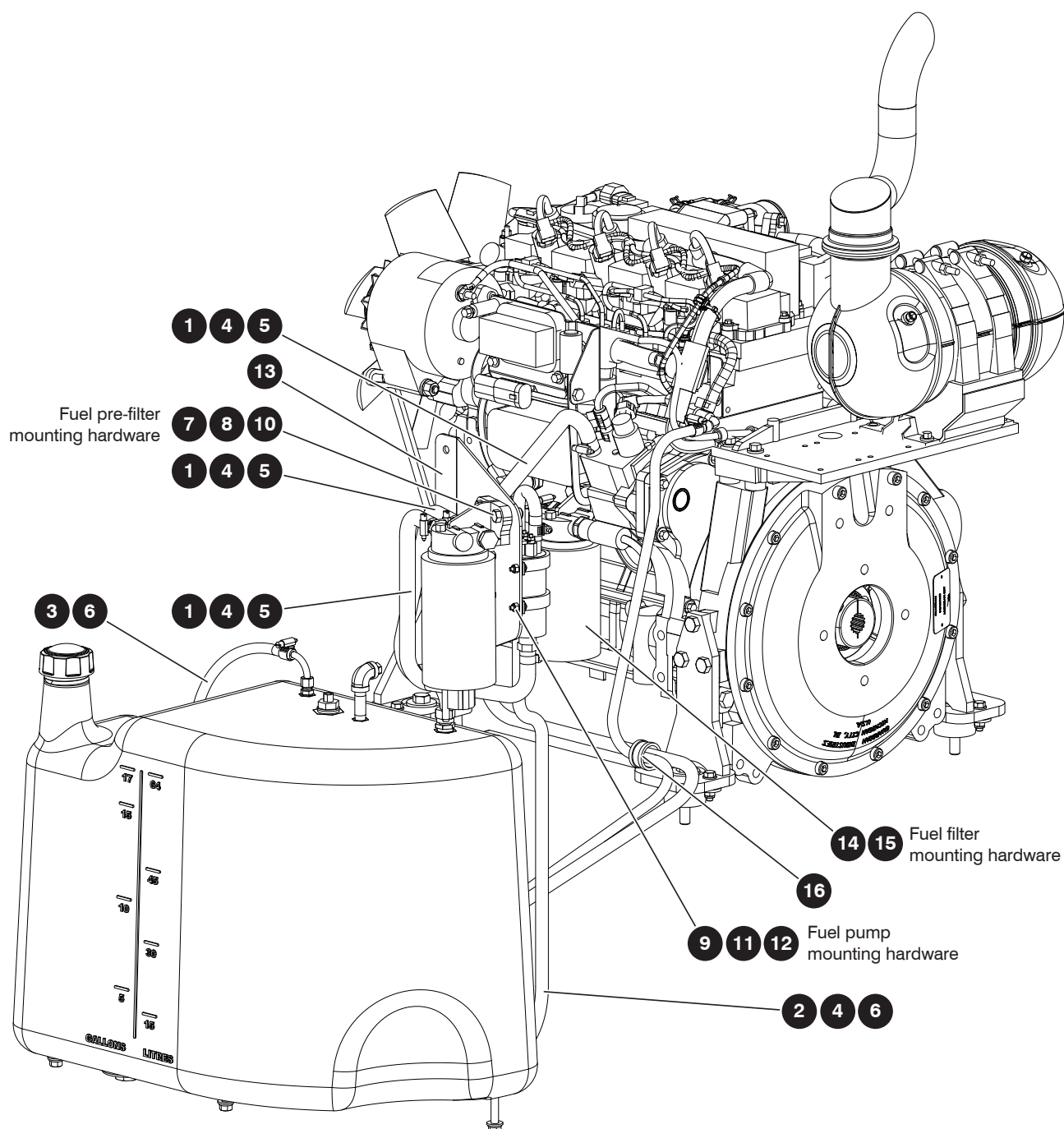
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8.7 Hydraulic Hoses - Base (S/N 95 002 085 & above)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	211212	CHASSIS HOSE KIT - S/N 95 002 085 & above			
1	H3104 0031 0	Axle Lock - Pilot Right	-	-	Axle Lock - Pilot Tee
2	H3106 0031 0	Axle Lock - Pressure Left	-	-	Axle Lock - Pressure Tee
3	H3106 0031 0	Axle Lock - Pressure Right	-	-	Axle Lock - Pressure Tee
4	H3104 0031 0	Axle Lock - Pilot Left	-	-	Axle Lock - Pilot Tee
-	211210	DRIVE PUMP HOSE KIT - S/N 95 002 085 & above			
5	H3712 0062 0	Drive Pump	D2	T5	Hydraulic Tank (P. Case Drain)
6	H4004 0080 0	Drive Pump	Ma	M1	Brake Manifold
7	H4004 0080 0	Drive Pump	Mb	M2	Brake Manifold
8	H3816 0057 0	Drive Pump	S	T2	Hydraulic Tank (Drive Suction)
9	H3104 0122 0	Drive Pump	C1	-	Axle Lock - Pressure Tee
10	H0412 0152 0	Drive Pump	A	A	Drive Motor
11	H0412 0152 0	Drive Pump	B	B	Drive Motor
12	140914	Sleeve, Protective (140")			
13	140914	Sleeve, Protective (140")			
14	131732	Sleeve, Nylon (24")			
15	131732	Sleeve, Nylon (19")			
16	131732	Sleeve, Nylon (13")			
-	211209	TURRET HOSE KIT (with hoses from 8.5) - S/N 95 002 085 & above			
17	H3204 0120 0	Steering Cylinder	R	ST1	Main Manifold
18	H3204 0120 0	Steering Cylinder	L	ST2	Main Manifold
19	H3404 0103 0	Axle Lock - Pilot Tee	-	AL	Brake Manifold
20	H3404 0149 0	Rear Axle - Brake	-	BRG	Brake Manifold
21	H3404 0147 0	Rear Axle - Diff Lock	-	D	Brake Manifold
22	H3108 0118 0	Motor	L1	T6	Hydraulic Tank
23	H3404 0111 0	Motor	X1	2SPD	Brake Manifold
24	131732	Sleeve, Nylon (13")			

8.8 Fuel Lines - Deutz D2.9L



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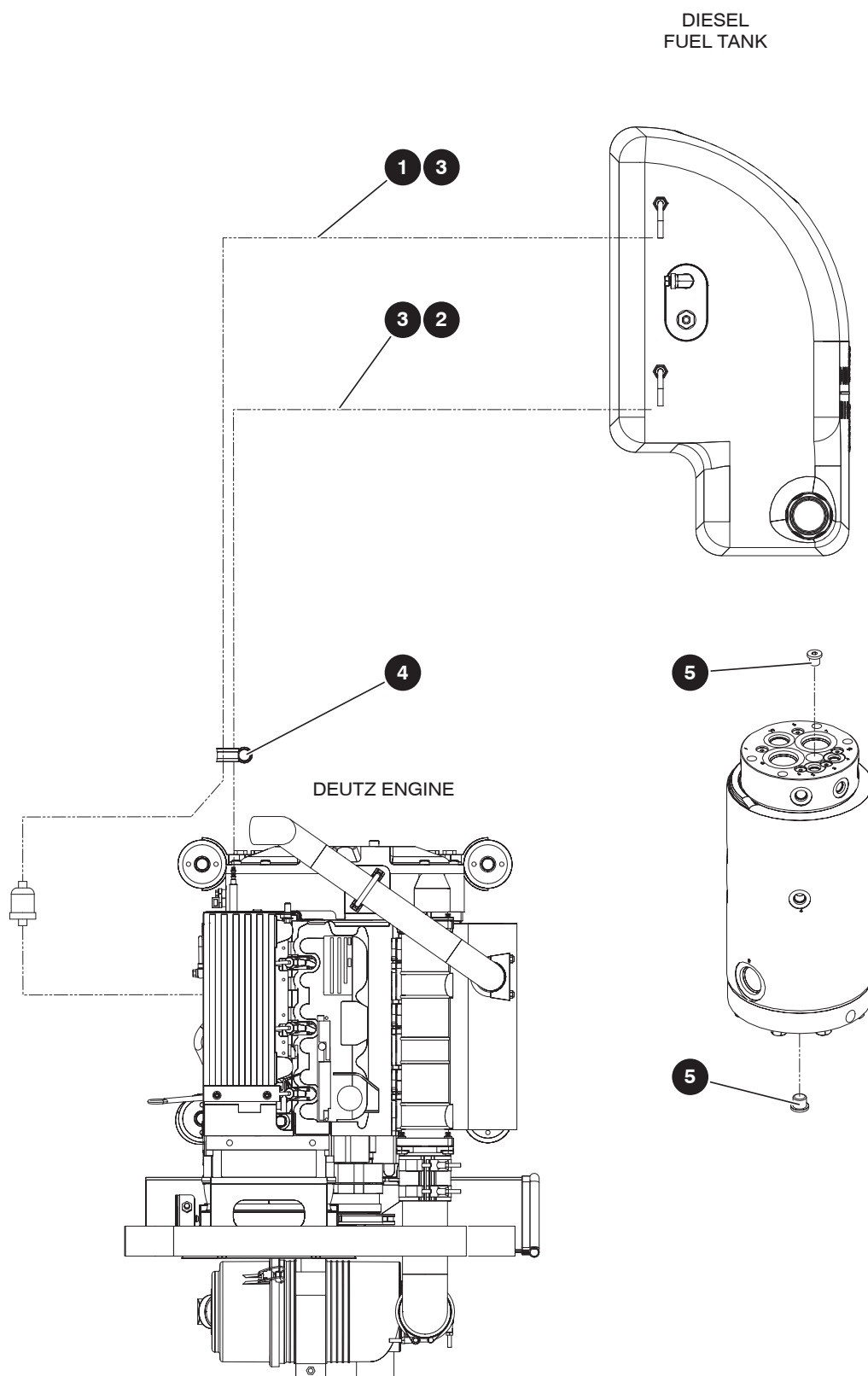
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8.8 Fuel Lines - Deutz D2.9L

Index No.	Skyjack Part No.	Qty.	Description
A	164970	1	FUEL SYSTEM ASSEMBLY - Deutz D2.9L - S/N 95 000 967 & below
B	169761	1	FUEL SYSTEM ASSEMBLY - Deutz D2.9L - S/N 95 000 968 & above
1	163509	48"	• HOSE, Fuel line (1/2" ID), A
	163509	58"	• HOSE, Fuel line (1/2" ID), B
2	166737	113"	• HOSE, Fuel line (3/8" ID)
3	102984	80"	• HOSE, Fuel line (5/16" ID)
4	163521	10	• CLAMP, Gear (#10)
5	163222	3	• FITTING, Fuel hose
6	164977	1	• FITTING, Fuel line (3/8")
7	101297	2	• BOLT, Hex head (3/8" x 1.25", grade 5)
8	103472	2	• WASHER, Flat (3/8"), A
	103472	8	• WASHER, Flat (3/8"), B
9	104694	4	• WASHER, Flat (#10-32), A
	104694	8	• WASHER, Flat (#10-32), B
10	104606	2	• NUT, Lock nylon (3/8"-16, grade 5), A
	104606	4	• NUT, Lock nylon (3/8"-16, grade 5), B
11	300450	4	• NUT, Machine (#10-32)
12	104698	4	• BOLT, Machine (#10-32 x 0.75")
13	164943	1	• BRACKET, Fuel assembly, A
	169678	1	• BRACKET, Fuel prefilter, B
14	115745	2	• BOLT, Metric (M10-1.5 x 30mm), A
	103870	2	• BOLT, Hex head (3/8" x 1.50", grade 5), B
15	130884	2	• WASHER, Lock (M10), A
	600315	2	• WASHER, Flat (M10), B
16	133319	1	• CLAMP, Cushioned loop (#18)

8.9 Fuel Lines - Deutz D2011



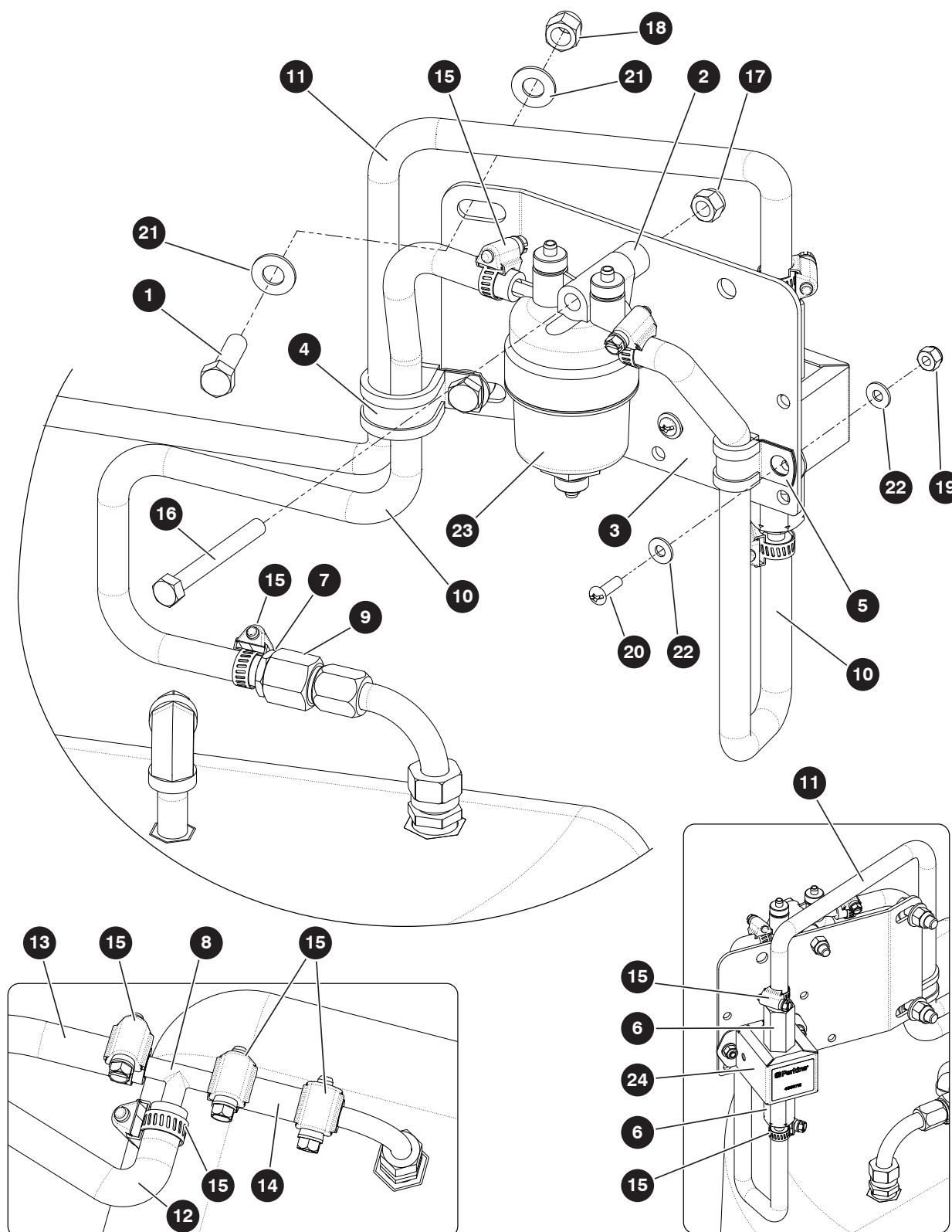
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8.9 Fuel Lines - Deutz D2011

Index No.	Skyjack Part No.	Qty.	Description
-	148652	1	FUEL LINE ASSEMBLY - Deutz D2011
1	102984	102"	• HOSE, Fuel line (5/16" ID)
2	102984	92"	• HOSE, Fuel line (5/16" ID)
3	103321	4	• CLAMP, Gear (SAE #4, 1/4"-13/16")
4	103078	1	• CLIP, Double
5	139171	2	• PLUG, Hex (06 ORBM)



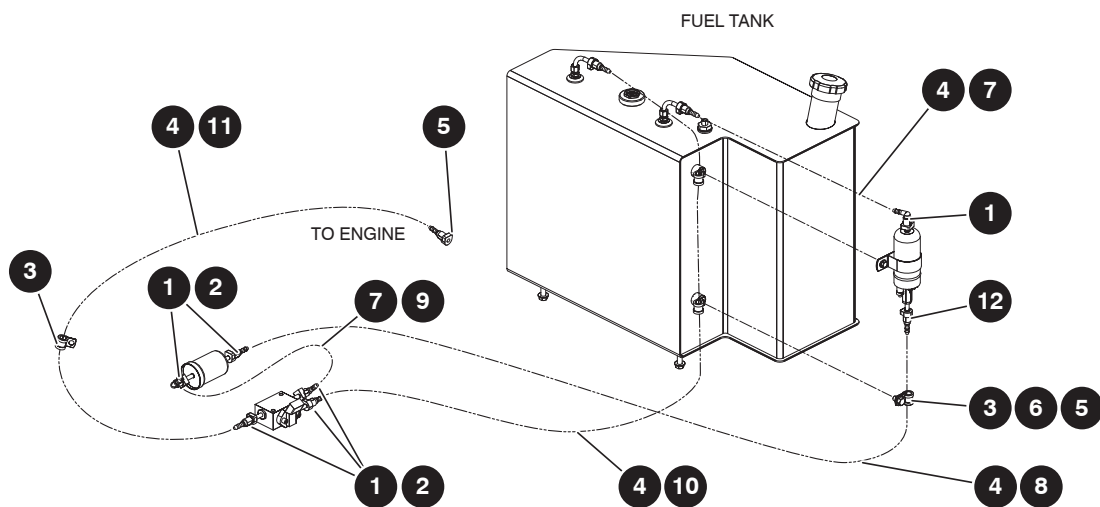
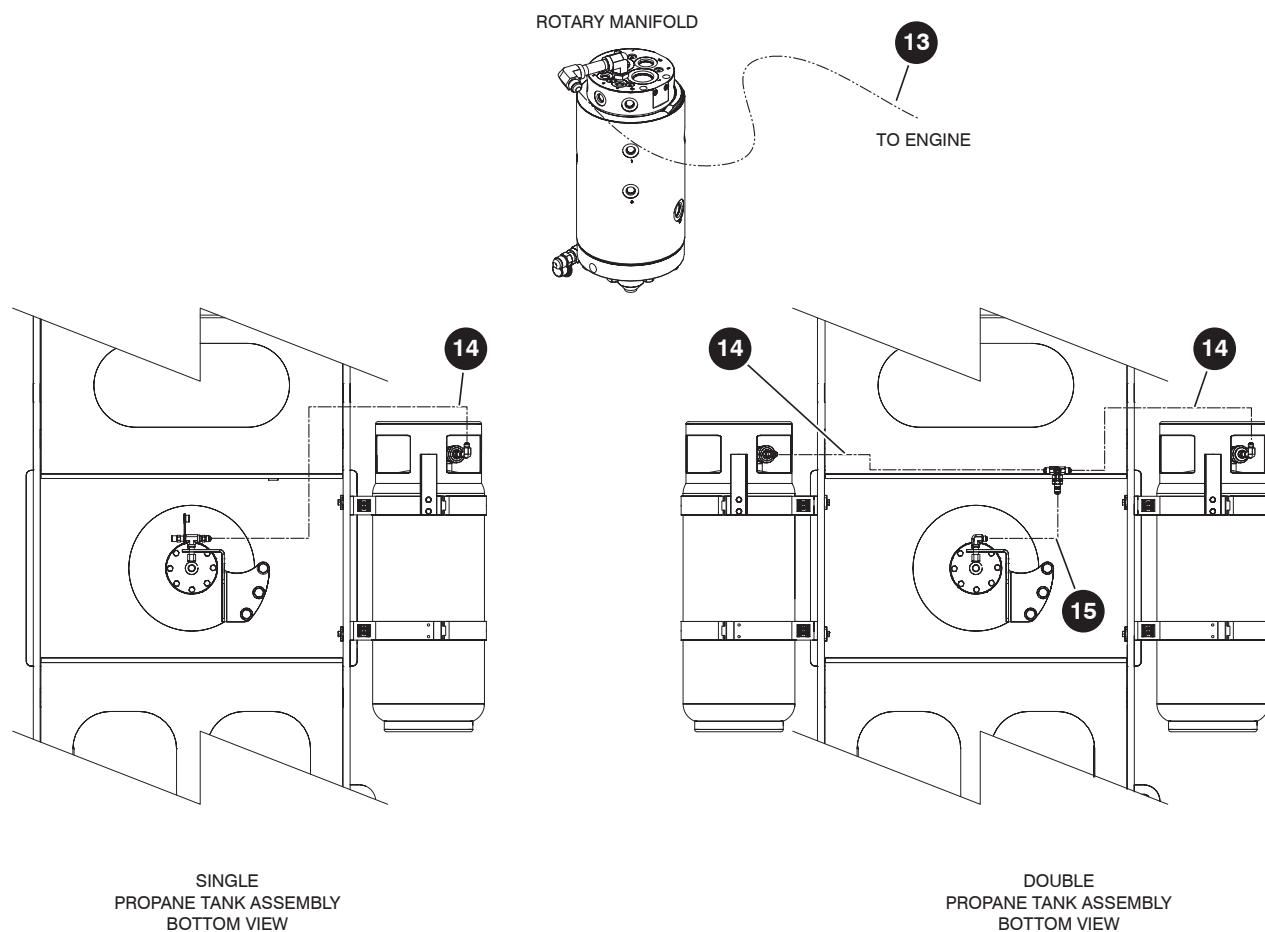
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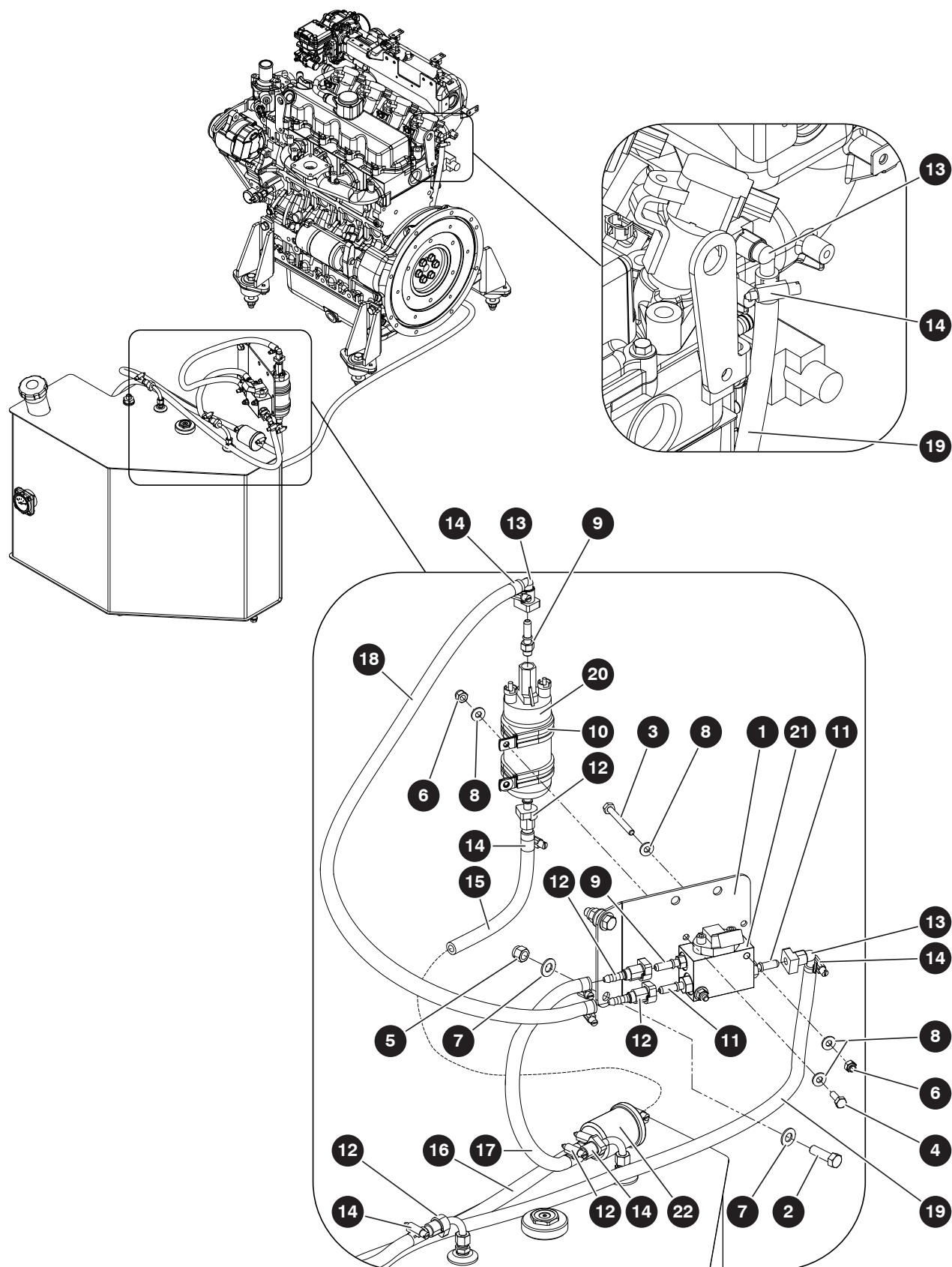
Index No.	Skyjack Part No.	Qty.	Description
-	212155	1	FUEL LINE ASSEMBLY - Perkins 2.2T
1	101297	2	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
2	211618	1	• BOSS (0.625" OD x 0.50" ID)
3	169678	1	• BRACKET, Fuel prefilter
4	154262	1	• CLAMP, TUBE (1.00"-1.125")
5	149495	1	• CLAMP, TUBE (0.50")
6	191978	2	• FITTING, Beaded hose bard (0.313" tube)
7	165719	1	• FITTING, Beaded hose bard (0.313" tube)
8	211623	1	• FITTING, Bard tee (0.313")
9	165716	1	• FITTING, Straight adapter (08BT-06FP)
10	142405	32"	• FUEL LINE, 0.3125" Setiflex II
11	142405	142"	• FUEL LINE, 0.3125" Setiflex II
12	142405	120"	• FUEL LINE, 0.3125" Setiflex II
13	142405	112"	• FUEL LINE, 0.3125" Setiflex II
14	142405	3"	• FUEL LINE, 0.3125" Setiflex II
15	103321	12	• CLAMP, Gear
16	166829	1	• BOLT, Hex head (0.312"-18 x 2.75" gr 5)
17	103984	1	• NUT, Lock (0.313"-18 gr 5 nylon)
18	104606	2	• NUT, Lock (0.375"-16 gr 5 nylon)
19	300450	2	• NUT, Lock (10-32 gr 5 nylon)
20	120094	2	• SCREW, Round head machine (10-32 x 0.625")
21	103472	4	• WASHER, Flat (0.375")
22	104694	4	• WASHER, Flat (#10)
23	211615	1	PRE-FILTER, Fuel (supplied with engine)
24	211617	1	PUMP, Fuel (supplied with engine)

8.11 Fuel Lines - GM



8.11 Fuel Lines - GM

Index No.	Skyjack Part No.	Qty.	Description
-	167585	1	FUEL LINE ASSEMBLY - GM Dual Fuel
1	142398	2	• QUICK CONNECT, Elbow 90°
2	142397	7	• QUICK CONNECT, Straight
3	149495	4	• CLAMP, Tube (Cushioned)
4	103321	10	• CLAMP, Gear
5	125959	1	• WASHER, Flat hardened (3/8")
6	138464	1	• BOLT, Hex head (3/8"-16 x 5/8" Grade 5)
7	142405	3"	• HOSE, Fuel line (5/16 EP SAE 30R9)
8	142405	71"	• HOSE, Fuel line (5/16 EP SAE 30R9)
9	142405	10"	• HOSE, Fuel line (5/16 EP SAE 30R9)
10	142405	92"	• HOSE, Fuel line (5/16 EP SAE 30R9)
11	142405	38"	• HOSE, Fuel line (5/16 EP SAE 30R9)
12	144369	1	• QUICK CONNECT, Straight
13	144327	1	HOSE, Propane (45 SAE x 103" TYPE III)
14	103098	1	HOSE, Propane (45 SAE x 42" TYPE III) (single propane tank)
	103098	2	HOSE, Propane (45 SAE x 42" TYPE III) (dual propane tanks)
15	152264	1	HOSE, Propane (45 SAE x 30" TYPE III) (dual propane tanks)



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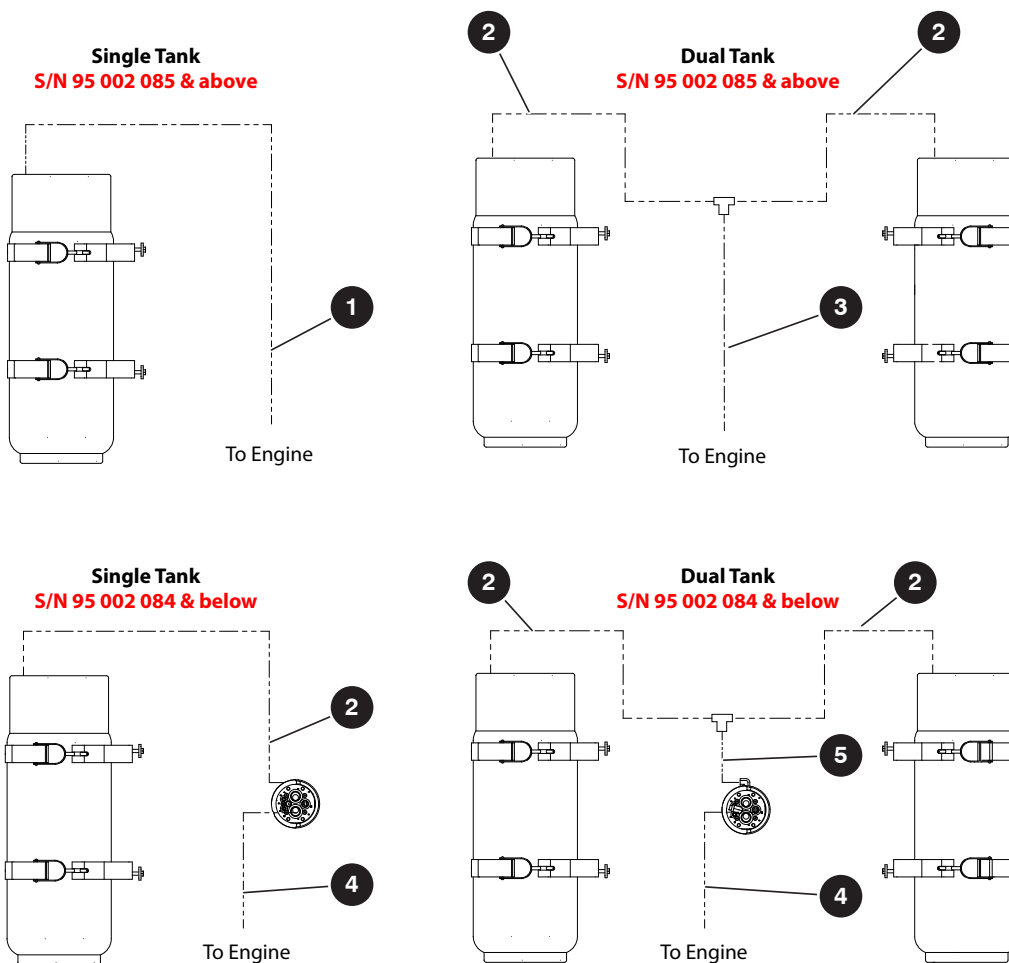
SJ46AJ, SJ51AJ

8.12 Fuel Lines - Kubota WG2503

Index No.	Skyjack Part No.	Qty.	Description
-	171199	1	FUEL LINE ASSEMBLY - <i>Kubota WG2503 Dual Fuel</i>
1	169678	1	• BRACKET, Fuel prefilter
2	101297	2	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
3	103862	2	• BOLT, Hex head (0.25"-20 x 2.25" Grade 5)
4	104606	1	• BOLT, Hex head (0.25"-20 x 0.75" Grade 5)
5	104606	2	• NUT, Hex head nylon lock (0.375"-16 gr 5)
6	115649	3	• NUT, Hex head nylon lock (0.25"-20 gr 5)
7	103472	4	• WASHER, Flat (0.375")
8	103995	6	• WASHER, Flat (0.25")
9	170571	2	• QUICK CONNECT, Stem (8mm tube, SAE #3)
10	124433	2	• CLAMP, Loop cushioned (2" dia)
11	170572	2	• QUICK CONNECT, Stem (8mm tube, SAE #6)
12	142397	5	• QUICK CONNECT, Straight
13	142398	3	• QUICK CONNECT, 90° elbow
14	103321	10	• CLAMP, Gear
15	142405	8"	• HOSE, Fuel line (5/16 EP SAE 30R9)
16	142405	22"	• HOSE, Fuel line (5/16 EP SAE 30R9)
17	142405	14"	• HOSE, Fuel line (5/16 EP SAE 30R9)
18	142405	24"	• HOSE, Fuel line (5/16 EP SAE 30R9)
19	142405	64"	• HOSE, Fuel line (5/16 EP SAE 30R9)
20	164881	1	PUMP, Fuel
21	164883	1	MANIFOLD, Fuel pressure
22	136118	1	FILTER, Fuel

8.13 Propane Lines - Kubota WG2503

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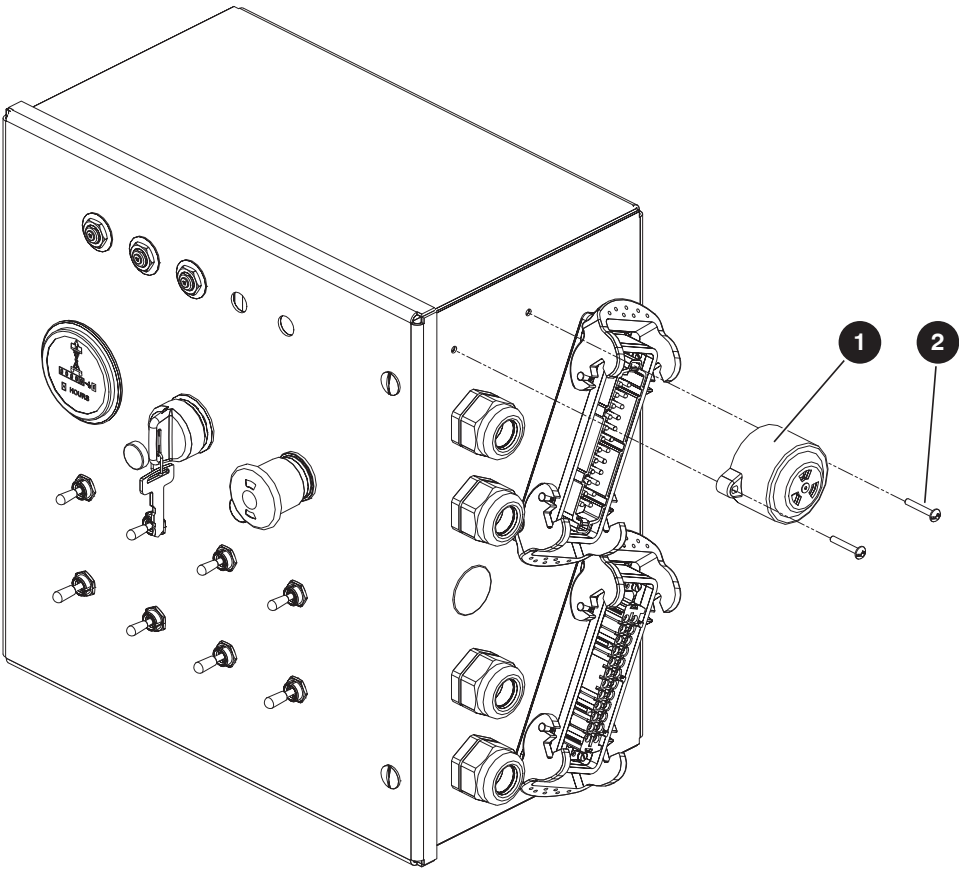
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Index No.	Skyjack Part No.	Qty.	Description
1	211434	1	HOSE, Propane (156")
2	103098	1	HOSE, Propane (42")
3	211429	1	HOSE, Propane (135")
4	144327	1	HOSE, Propane (103")
5	152264	1	HOSE, Propane (30")

Section 9 – Optional Equipment

- | | | |
|---|---|--|
| 9.1 All Motion Alarm | 9.16 Generator & Oil Cooler - 3.5kW - SJ51AJ | 9.31 Welder & Mount |
| 9.2 Air Hose To Platform | 9.17 Generator - 3.5 kW | 9.32 Glazier Tray |
| 9.3 Flashing Light | 9.18 Hydraulic Hoses - 3.5 kW Generator & Oil Cooler | 9.33 SGM |
| 9.4 Oil Quick Drain | 9.19 Generator Wiring - 3.5kW | 9.34 SGE |
| 9.5 Diesel Scrubber | 9.20 Generator & Oil Cooler Assembly - SJ46AJ - 7.5 kW | 9.35 Control Box Cover |
| 9.6 Block Heater | 9.21 Generator & Oil Cooler - SJ46AJ - 7.5 kW & 12kW | 9.36 Positive Air Shutoff - Deutz D2.9L |
| 9.7 Cold Start | 9.22 Generator & Oil Cooler Assembly - SJ51AJ - 7.5 kW | 9.37 Positive Air Shutoff - Deutz D2011 |
| 9.8 Arctic Package | 9.23 Generator & Oil Cooler - SJ51AJ - 7.5 kW | 9.38 Pipe Rack |
| 9.9 Load Circuit Manifold - Deutz D2.9L | 9.24 Generator - 7.5 kW | 9.39 Work Lights |
| 9.10 Load Circuit Hose Kit - Deutz D2.9L | 9.25 Generator Manifold - 7.5 kW & 12 kW | 9.40 Tool Caddy |
| 9.11 Oil Cooler (No Generator) - SJ46AJ | 9.26 Generator & Oil Cooler Assembly - 12 kW | 9.41 Half-Height Platform Mesh |
| 9.12 Oil Cooler (No Generator) - SJ51AJ | 9.27 Generator - 12 kW | 9.42 Elevate Telematics |
| 9.13 Hydraulic Hoses - Oil Cooler (No Generator) | 9.28 Circuit Breaker - 12kW Generator | 9.43 Elevate Telematics Subscription |
| 9.14 Oil Cooler Wiring | 9.29 Hydraulic Hoses - 7.5 kW & 12 kW Generator & Oil Cooler | 9.44 Residual Current Device (RCD) |
| 9.15 Generator & Oil Cooler - 3.5kW - SJ46AJ | 9.30 Generator Wiring - 7.5 kW and 12 kW | 9.45 EcoStart |
| | | 9.46 External Railing |

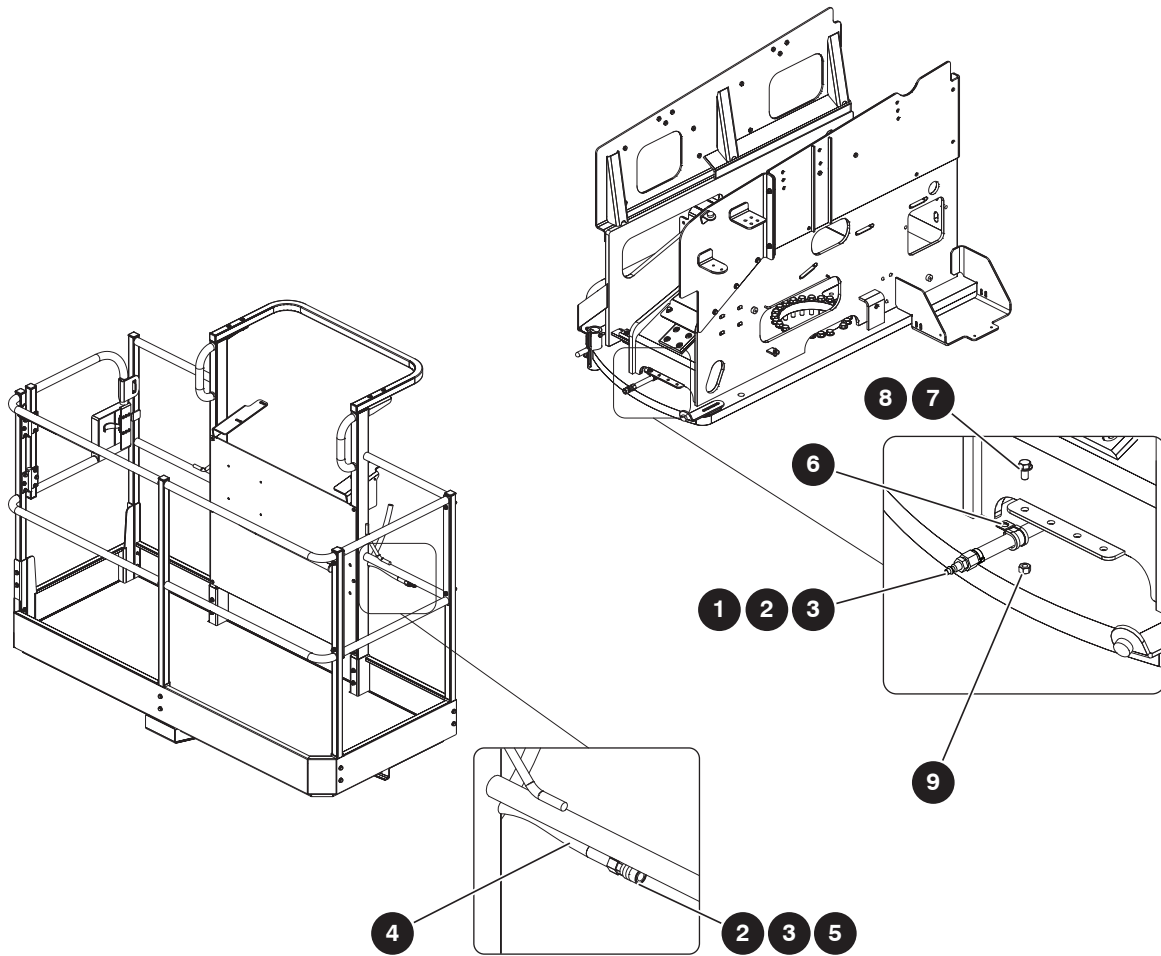
9.1 All Motion Alarm



M152361AA

Index No.	Skyjack Part No.	Qty.	Description
-	152360	1	ALL MOTION ALARM ASSEMBLY - CE & AS
1	152362	1	• ALARM, All motion (with lead wire extensions)
2	112248	2	• SCREW, Round head machine (#8-32 x 1")

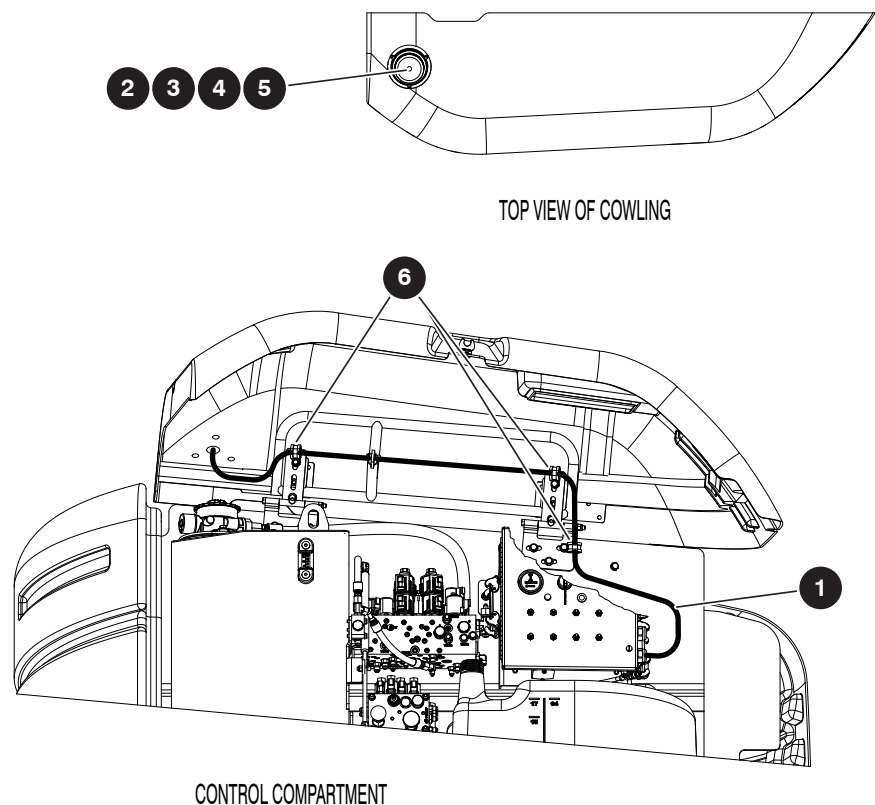
9.2 Air Hose To Platform



M148598AC

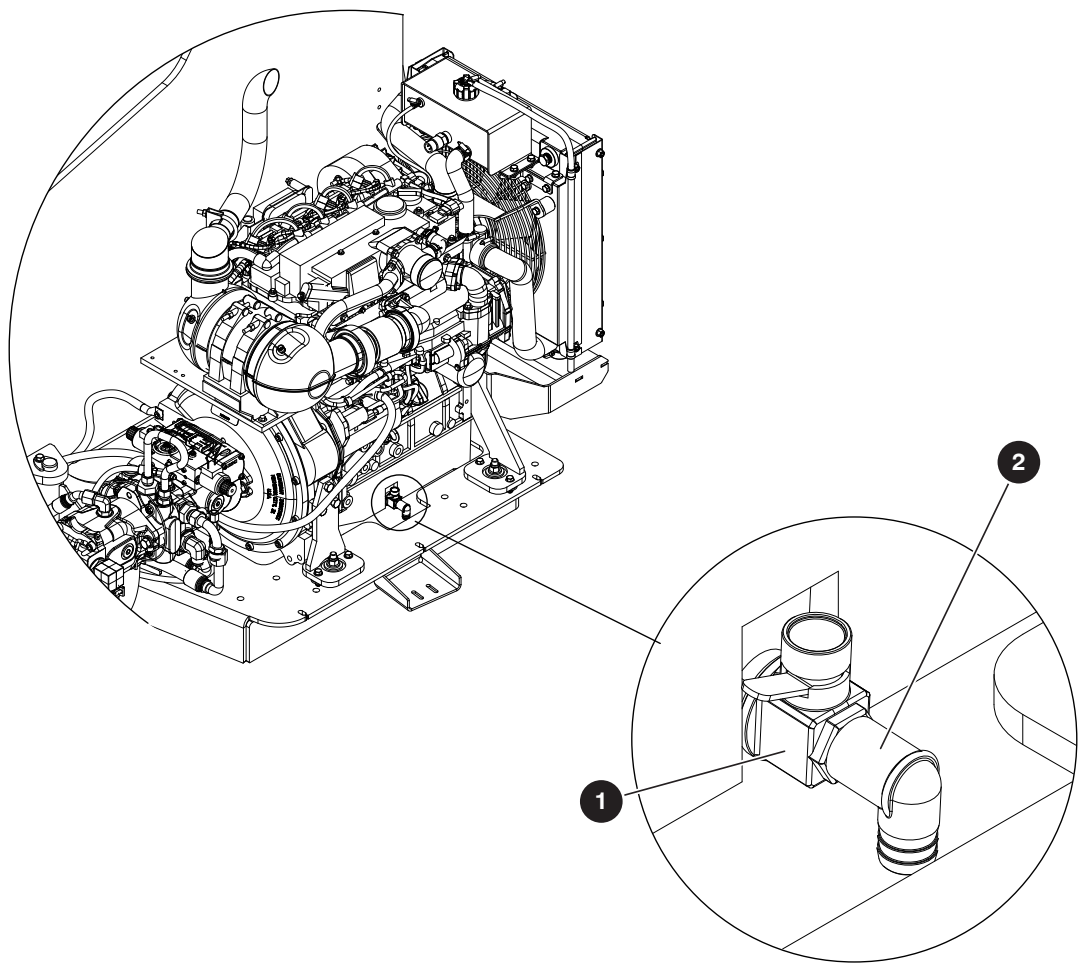
Index No.	Skyjack Part No.	Qty.	Description
A	148598	1	AIR HOSE TO PLATFORM - SJ46AJ
B	148599	1	AIR HOSE TO PLATFORM - SJ51AJ
1	107883	1	• FITTING, Male disconnect (16.1262)
2	109050	2	• FITTING, Hose barb (Brass)
3	107886	2	• CLAMP
4	107884	734"	• HOSE, Air (1/2" diameter), A
		818"	• HOSE, Air (1/2" diameter), B
5	107882	1	• FITTING, Female disconnect (#B22E)
6	152402	1	• CLAMP, Tube
7	101632	1	• BOLT, Hex head (3/8"-16 x 3/4 Grade 5)
8	103472	1	• WASHER, Flat (3/8")
9	103978	1	• NUT, Hex head (3/8"-16 Grade 5)

9.3 Flashing Light



M148528AA

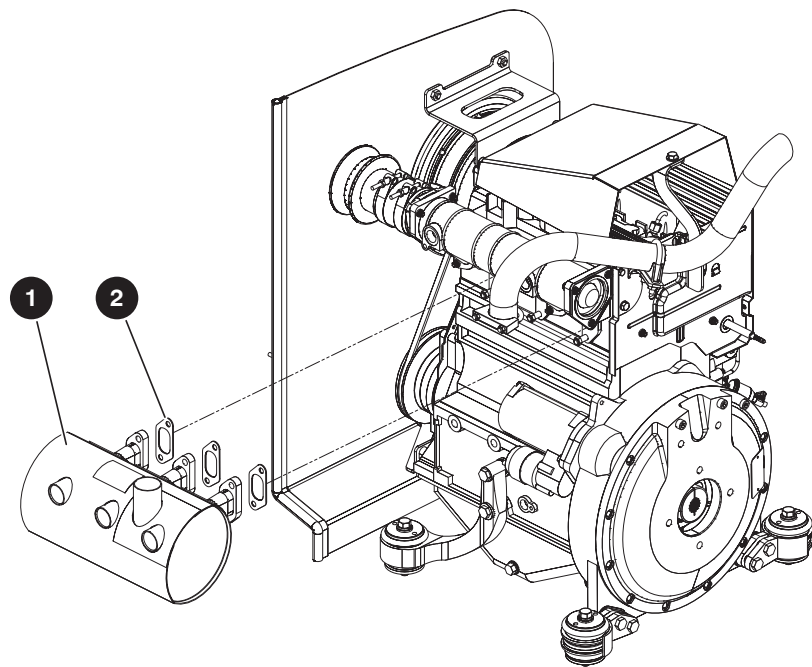
Index No.	Skyjack Part No.	Qty.	Description
-	148528	1	FLASHING AMBER LIGHT OPTION
1	152585	1	• HARNESS, Flash amber light
	117591	2	• • CONNECTOR, Contact socket (16/18 GA)
	117599	1	• • CONNECTOR, Wedge (2 pin)
	117597	1	• • CONNECTOR (2 pin)
2	144078	1	• FLASHING AMBER LIGHT ASSEMBLY
	143971	1	• • STROBE LIGHT, Amber (12/24 VDC)
	144215	1	• • • FLASH TUBE
	117596	1	• • CONNECTOR, Receptacle (2 pin)
	117590	2	• • CONNECTOR, Contact pin (16/18 GA)
	117598	1	• • WEDGE, Receptacle (2 pin)
	124399	4"	• • SPLIT LOOM (1/4")
3	122498	3	• SCREW, Round head machine (#10-32 x 1 1/4")
4	300450	3	• LOCKNUT, Hex (#10-32 UNF, nylon insulated)
5	104694	3	• WASHER, Flat (#10 SAE)
6	102972	3	• CLIP, Double (G8)



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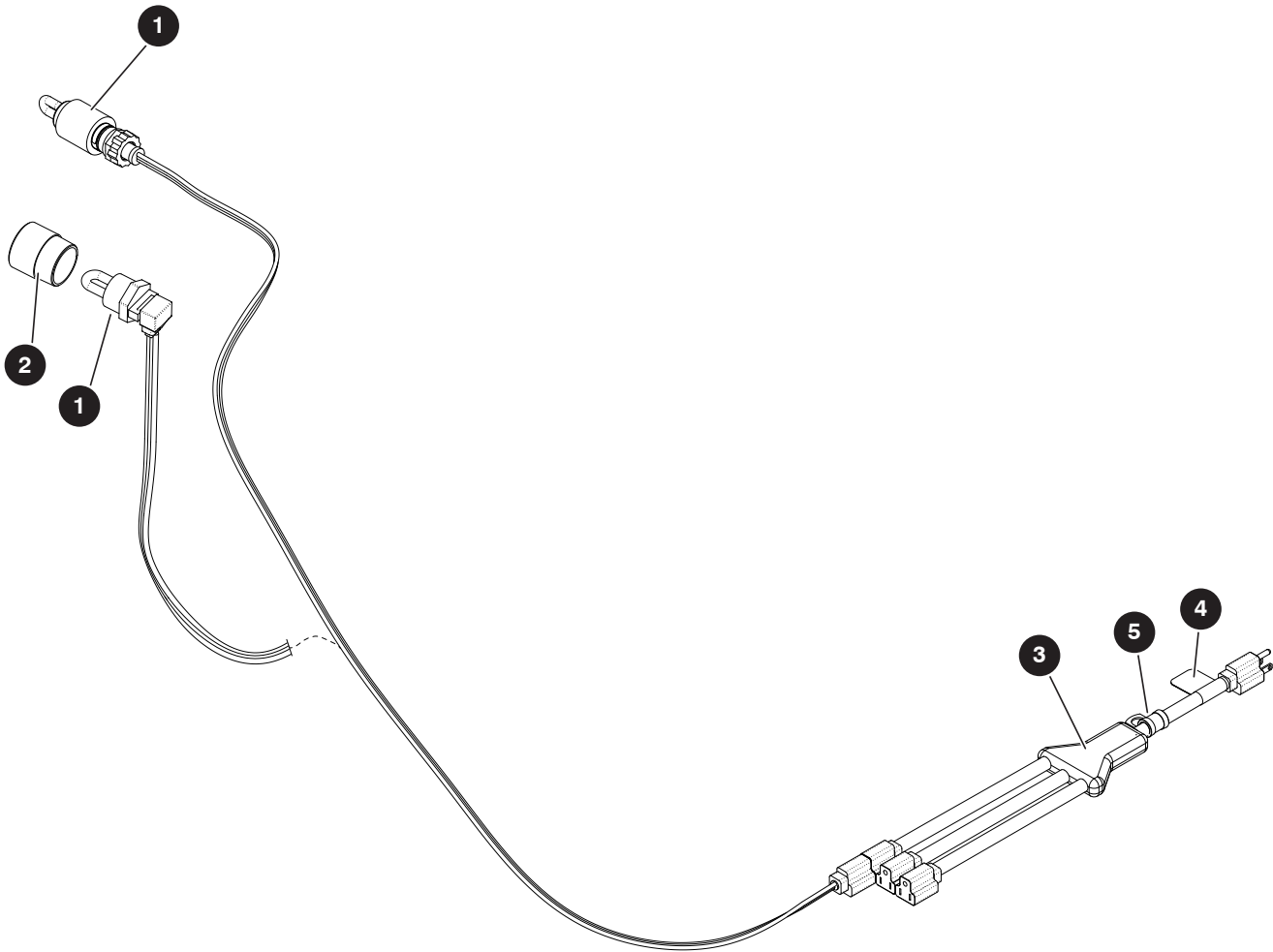
Index No.	Skyjack Part No.	Qty.	Description
A	169469	1	OIL QUICK DRAIN - Deutz Engines
B	171265	1	OIL QUICK DRAIN - Kubota Engines
1	167431	1	• VALVE, Oil drain, A
	170731	1	• VALVE, Oil drain, B
2	167432	1	• ELBOW, 90° oil drain, A

9.5 Diesel Scrubber



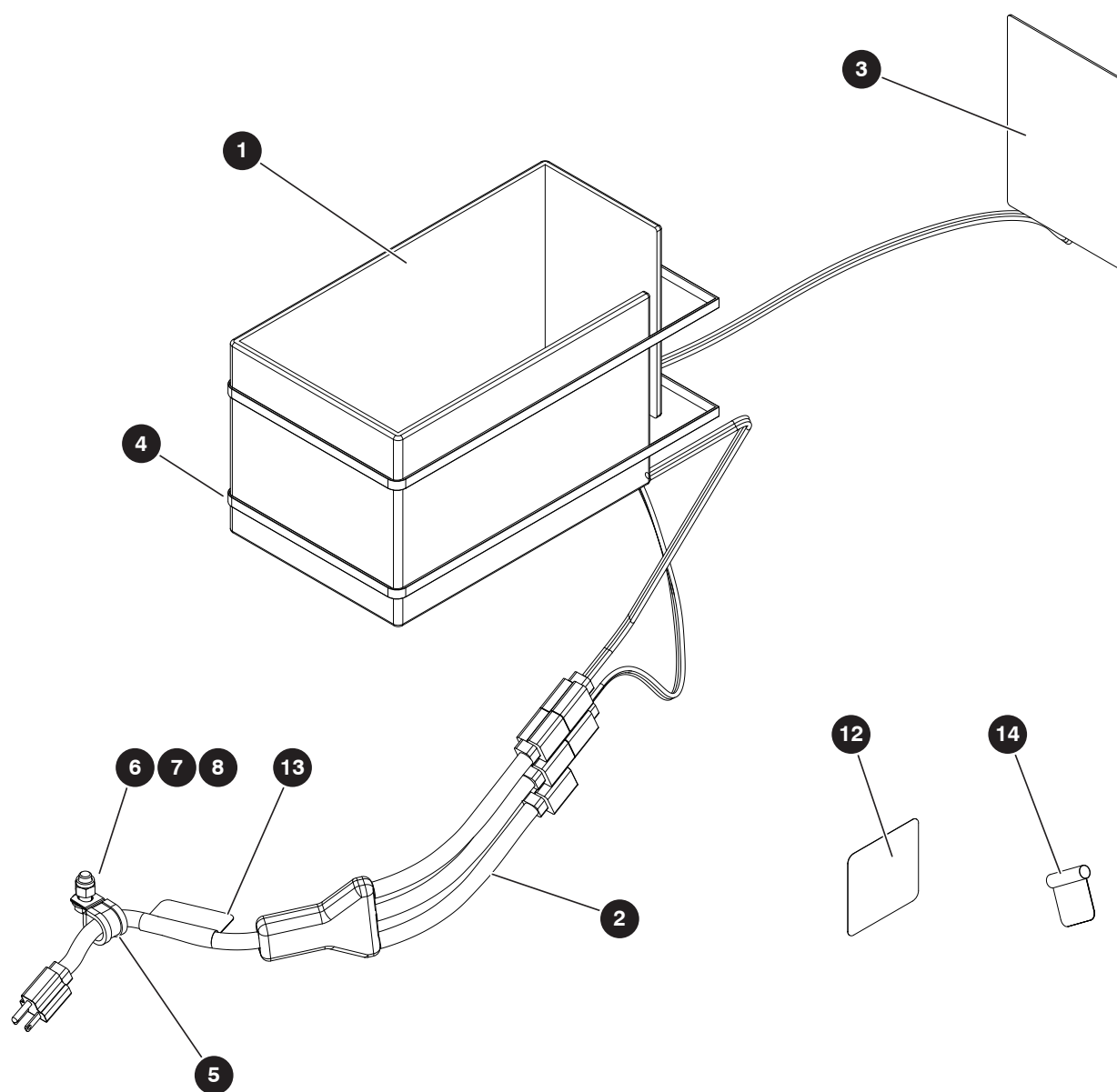
M144297AA

Index No.	Skyjack Part No.	Qty.	Description
-	149115	1	DIESEL SCRUBBER - Deutz D2011
1	152603	1	• MUFFLER, Catalytic
2	144299	3	• GASKET

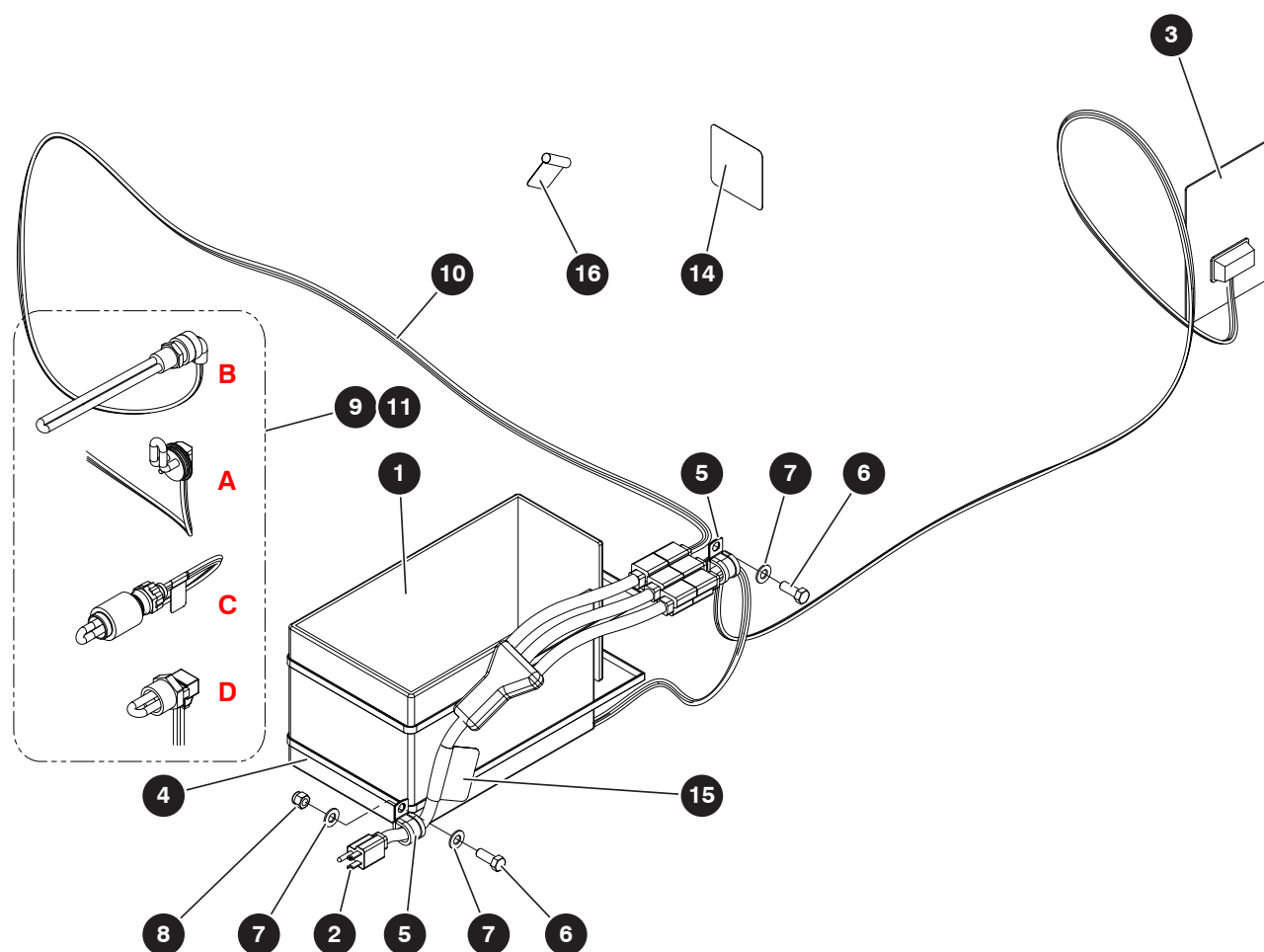


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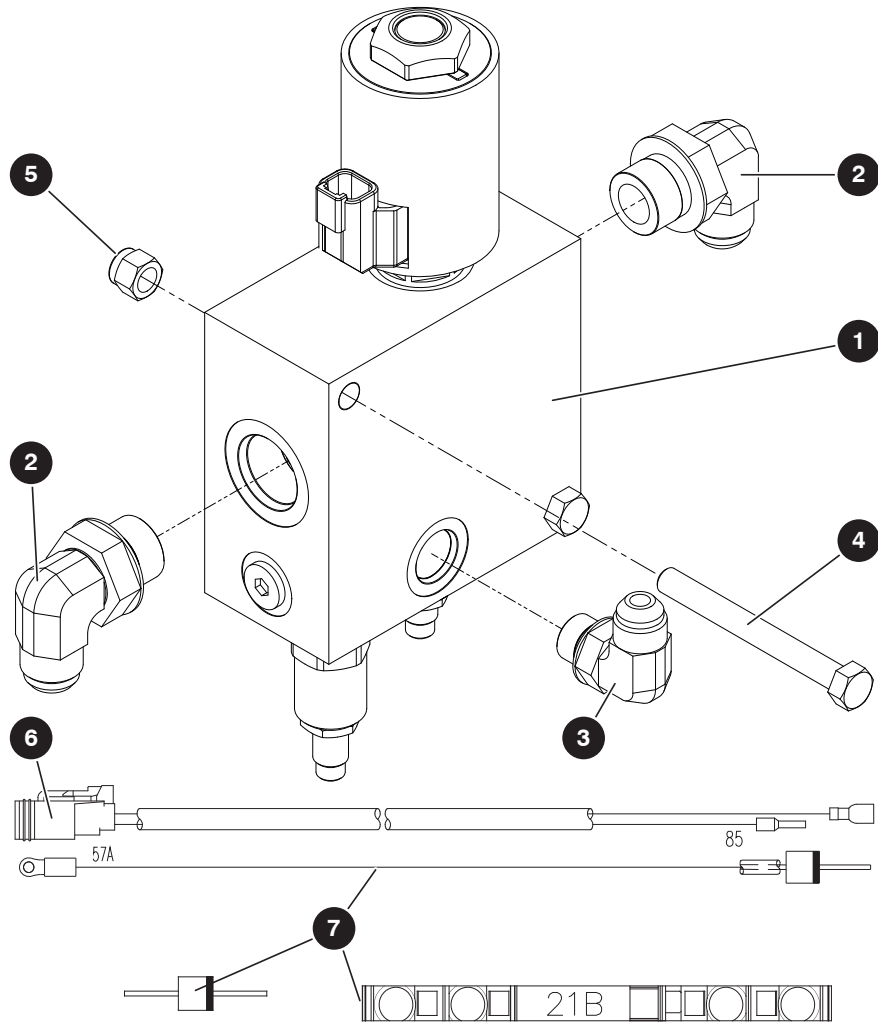
Index No.	Skyjack Part No.	Qty.	Description
A	171564	1	BLOCK HEATER - Deutz TD2.9L engine
B	213417	1	BLOCK HEATER - Kubota WG2503 engine
C	198428	1	BLOCK HEATER - Perkins 2.2TA engine
1	165559	1	• HEATER, Block (120V) - Deutz TD/D2.9L, A
	170738	1	• HEATER, Block - Kubota WG2503, B
	198462	1	• HEATER, Block - Perkins 2.2TA, C
2	170073	1	• ADAPTER, B
3	159888	1	• CORD, "W"
4	168880	1	• LABEL, Block heater
5	144129	1	• CLIP, Single (S332G10)



Index No.	Skyjack Part No.	Qty.	Description
A	167856	1	COLD START OPTION - ANSI/CSA - GM
B	167859	1	COLD START OPTION - ANSI/CSA - Deutz D2.9
C	167853	1	COLD START OPTION - ANSI/CSA - Deutz D2011
D	171127	1	COLD START OPTION - ANSI/CSA - Kubota WG2503
E	213707	1	COLD START OPTION - ANSI/CSA - Perkins 2.2T
1	703290	1	• BLANKET, Battery
2	159888	1	• CORD, "W"
3	164762	1	• HEATER, Pad - 500W
4	144727	2	• TIEWRAP, Cable (43.3")
5	152402	2	• CLAMP, Tube (Cushioned)
6	103473	2	• BOLT, Hex head (3/8"-16 x 1.00, grade 5)
7	103472	3	• WASHER, Flat, 3/8"
8	104606	1	• NUT, Hex head nylon lock (3/8"-16, grade 5)
11	(Ref.)	1	• LOAD CIRCUIT ASSEMBLY (not shown), B (For components, refer to 9.9 Load Circuit Manifold - Deutz D2.9L)
12	143593	1	• LABEL, Shell Telus T46 (located on hydraulic tank)
13	146021	1	• LABEL, Hydraulic oil/battery warmer (located on W cord)
14	146162	1	• LABEL, Cold weather factory oil (located on dipstick), B, C, E

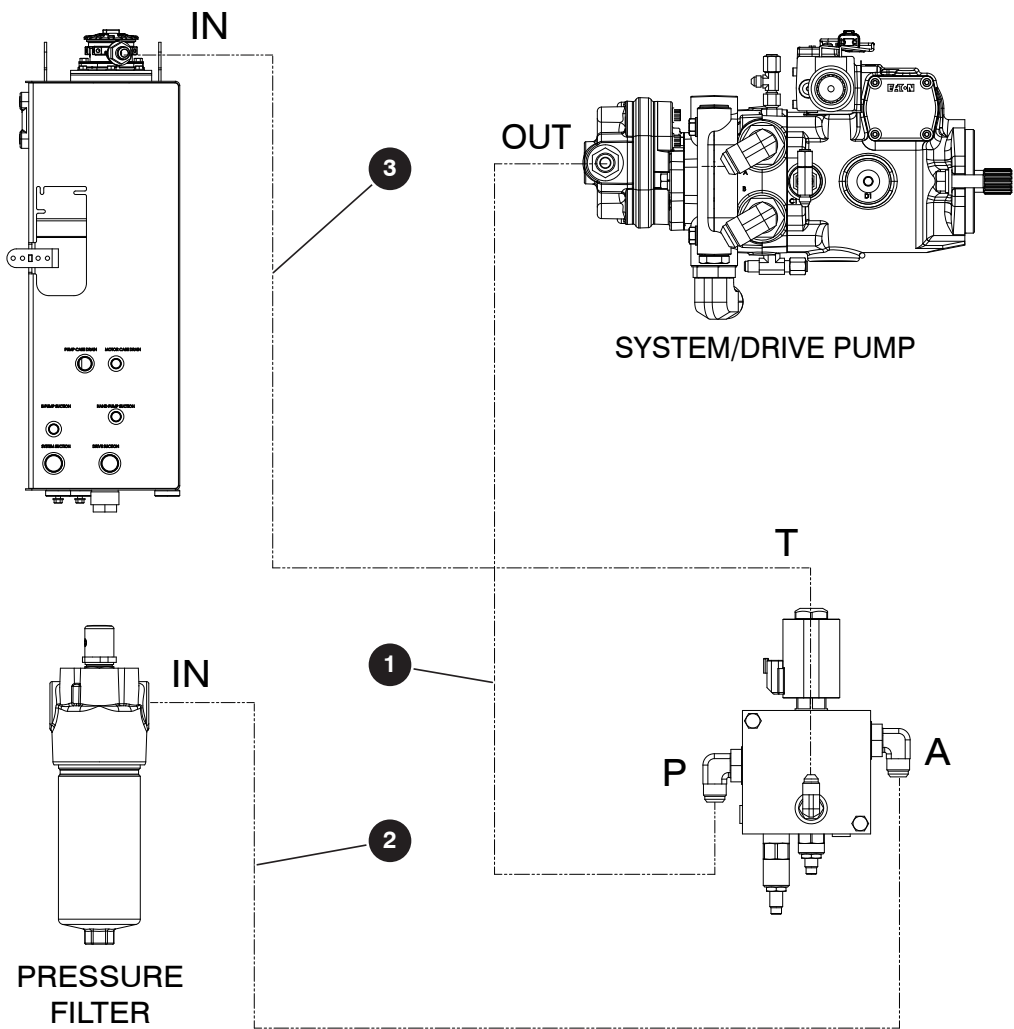


Index No.	Skyjack Part No.	Qty.	Description
A	167857	1	ARCTIC PACKAGE OPTION - ANSI/CSA - GM
B	167854	1	ARCTIC PACKAGE OPTION - ANSI/CSA - Deutz D2011
C	167860	1	ARCTIC PACKAGE OPTION - ANSI/CSA - Deutz D2.9L
D	171132	1	ARCTIC PACKAGE OPTION - ANSI/CSA - Kubota WG2503
E	213710	1	ARCTIC PACKAGE OPTION - ANSI/CSA - Perkins 2.2T
1	703290	1	• BLANKET, Battery
2	159888	1	• CORD, "W"
3	164762	1	• HEATER, Pad - 500W
4	144727	2	• TIEWRAP, Cable (43.3")
5	152402	2	• CLAMP, Tube (Cushioned)
6	103473	2	• BOLT, Hex head (3/8"-16 x 1.00, grade 5)
7	103472	3	• WASHER, Flat, 3/8"
8	104606	1	• NUT, Hex head nylon lock (3/8"-16, grade 5)
9	144671	1	• HEATER, Block, A
	144642	1	• HEATER, Oil pan, B
	165559	1	• HEATER, Block, C
	170072	1	• HEATER, Block, D
	198462	1	• HEATER, Block, E
10	166299	1	• CORD, Oil pan heater, B
11	170073	1	• ADAPTER, Block heater, D
12	(Ref.)	1	• LOAD CIRCUIT MANIFOLD (not shown), C (For components, refer to 9.9 Load Circuit Manifold - Deutz D2.9L)
13	(Ref.)	1	• LOAD CIRCUIT HOSE KIT (not shown), C (For components, refer to 9.10 Load Circuit Hose Kit - Deutz D2.9L)
14	144632	1	• LABEL, Hydraulic oil heater/battery warmer (Located on W-Cord)
15	144633	1	• LABEL, Arctic hydraulic oil (Located on hydraulic tank)
16	144635	1	• LABEL, Arctic engine oil (Located on oil dipstick), B, C, E



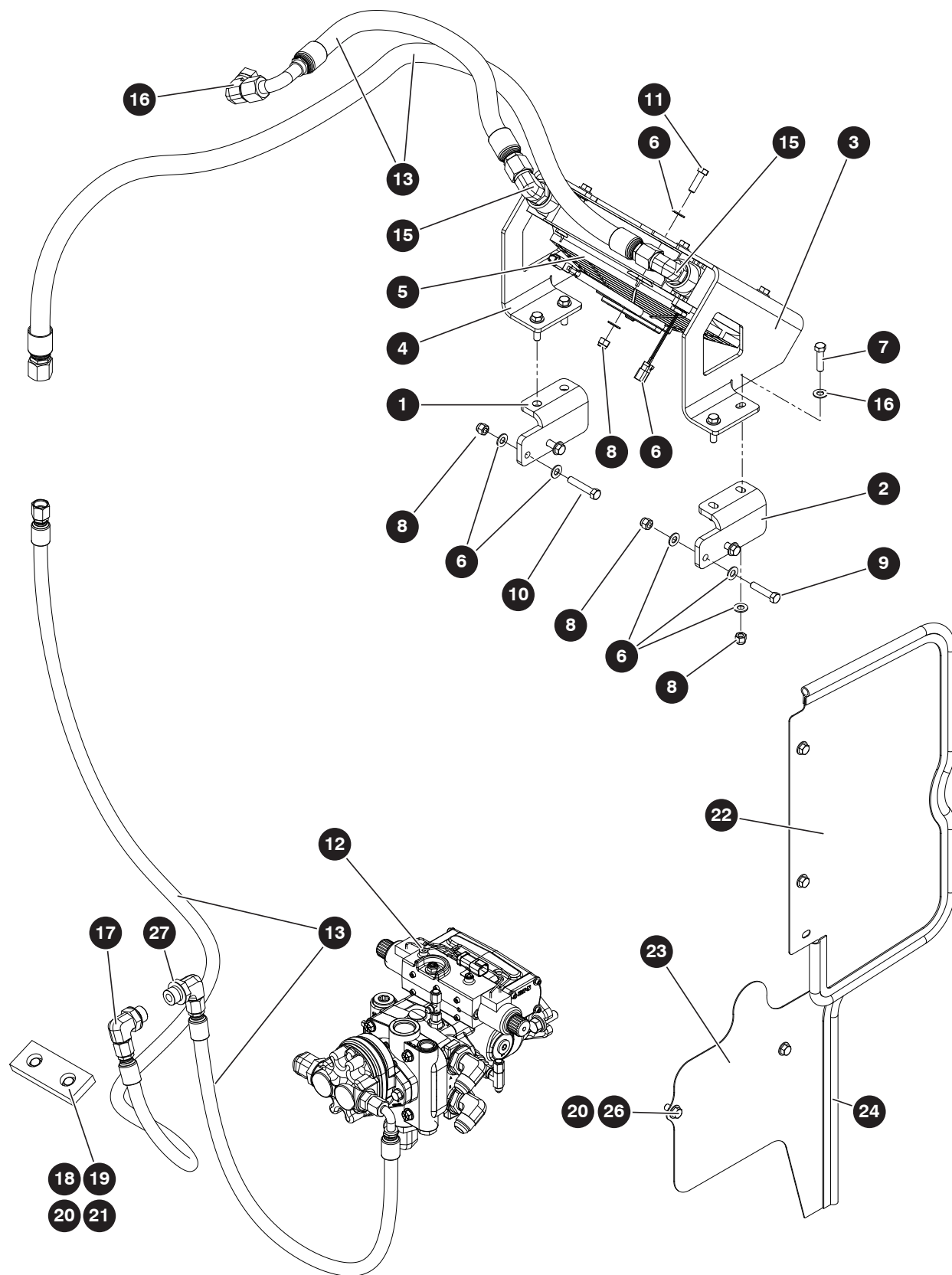
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Index No.	Skyjack Part No.	Qty.	Description
-	194701	1	LOAD CIRCUIT MANIFOLD - Cold & Arctic Packages with Deutz D2.9L
-	209445	1	• MANIFOLD ASSEMBLY, Load circuit
1	208620	1	• • MANIFOLD, Load circuit
	195033	1	• • • VALVE, Needle
	195035	1	• • • VALVE, Relief (3250 psi)
	195036	1	• • • VALVE, Spool (SV12-34)
	168450	1	• • • COIL, 12V DC
2	138981	2	• • FITTING, 90° (10JICM-12ORBM)
3	114583	1	• • FITTING, 90° (08JICM-08ORBM)
4	103915	2	• BOLT, Hex head (0.375"-16 X 3.50" gr 5)
5	104606	2	• NUT, Hex head nylon lock (0.375"-16 gr 5)
6	194958	1	HARNESS, Load circuit
7	196423	1	WIRE KIT, Load circuit
	137940	1	• • TERMINAL BLOCK
	102921	3	• • DIODE



M194976AB

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	194976	LOAD CIRCUIT HOSE KIT - <i>Cold & Arctic Packages with Deutz D2.9L engine</i>			
1	H5410 0020 0	System Pump	OUT	P	Load Circuit Manifold
2	H5110 0043 0	High Pressure Filter	IN	A	Load Circuit Manifold
3	H540801200	Hydraulic Tank	IN	T	Load Circuit Manifold

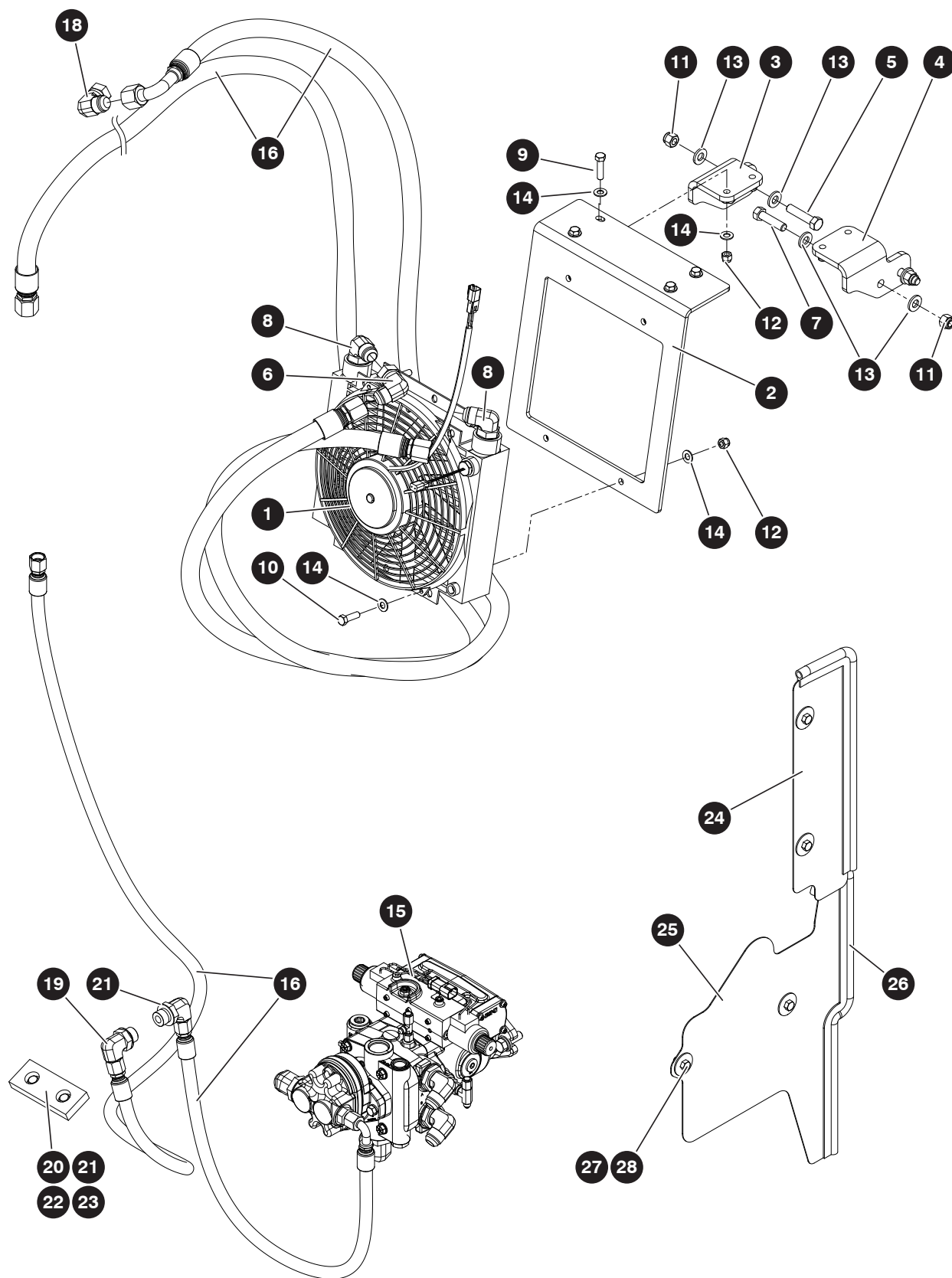


M166729AB

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9.11 Oil Cooler (No Generator) - SJ46AJ

Index No.	Skyjack Part No.	Qty.	Description
A	166729	1	OIL COOLER ASSEMBLY (No Generator) - SJ46AJ ANSI/CSA & AS
B	170485	1	OIL COOLER ASSEMBLY (No Generator) - SJ46AJ CE
-	166736	1	• OIL COOLER ASSEMBLY
1	162962	1	• • BRACKET, Mount
2	162967	1	• • BRACKET, Mount
3	162964	1	• • BRACKET, Oil cooler mount RH
4	162963	1	• • BRACKET, Oil cooler mount LH
5	160800	1	• • OIL COOLER, 12V DC
6	103472	26	• • WASHER, Flat (0.375")
7	103870	4	• • BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
8	104606	12	• • NUT, Hex head nylon lock (0.375"-16 Grade 5)
9	103871	2	• • BOLT, Hex head (0.375"-16 x 1.75" Grade 5)
10	103596	2	• • BOLT, Hex head (0.375"-16 x 2.00" Grade 5)
11	101297	6	• • BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
12	(Ref.)	1	• DRIVE/SYSTEM PUMP (For components, refer to 7.11 Drive and System Pump)
13	(Ref.)	1	• OIL COOLER HOSE KIT (For components, refer to 9.13 Hydraulic Hoses - Oil Cooler (No Generator))
14	(Ref.)	1	• OIL COOLER WIRING (not shown) (For components, refer to 9.14 Oil Cooler Wiring)
15	105445	2	• FITTING, Elbow 90° (12 JICM - 12 ORBM)
16	703284	1	• FITTING, Elbow 90° (12 JICM - 12 JICFSW)
17	112366	1	• FITTING, Elbow 90° (08 JICM - 12 ORBM)
18	162293	1	• PAD, Guide (5.00" x 2.00" x 0.625")
19	101297	2	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
20	103472	2	• WASHER, Flat (0.375")
21	144238	2	• NUT, Torque lock (0.375"-16 Grade C)
22	168619	1	• SHROUD, Upper, A
	170446	1	• SHROUD, Upper, B
23	168622	1	• SHROUD, Lower, A
	170447	1	• SHROUD, Lower, B
24	137625	62"	• SEAL, Bulb, A
	137625	60"	• SEAL, Bulb, B
25	101632	4	• BOLT, Hex head (0.375"-16 x 0.75" Grade 5)
26	103472	4	• WASHER, Flat (0.375"), A
	127067	4	• WASHER, Flat BB style (0.375"), B
27	138981	1	• FITTING, Elbow 90° (10 JICM - 12 ORBM)



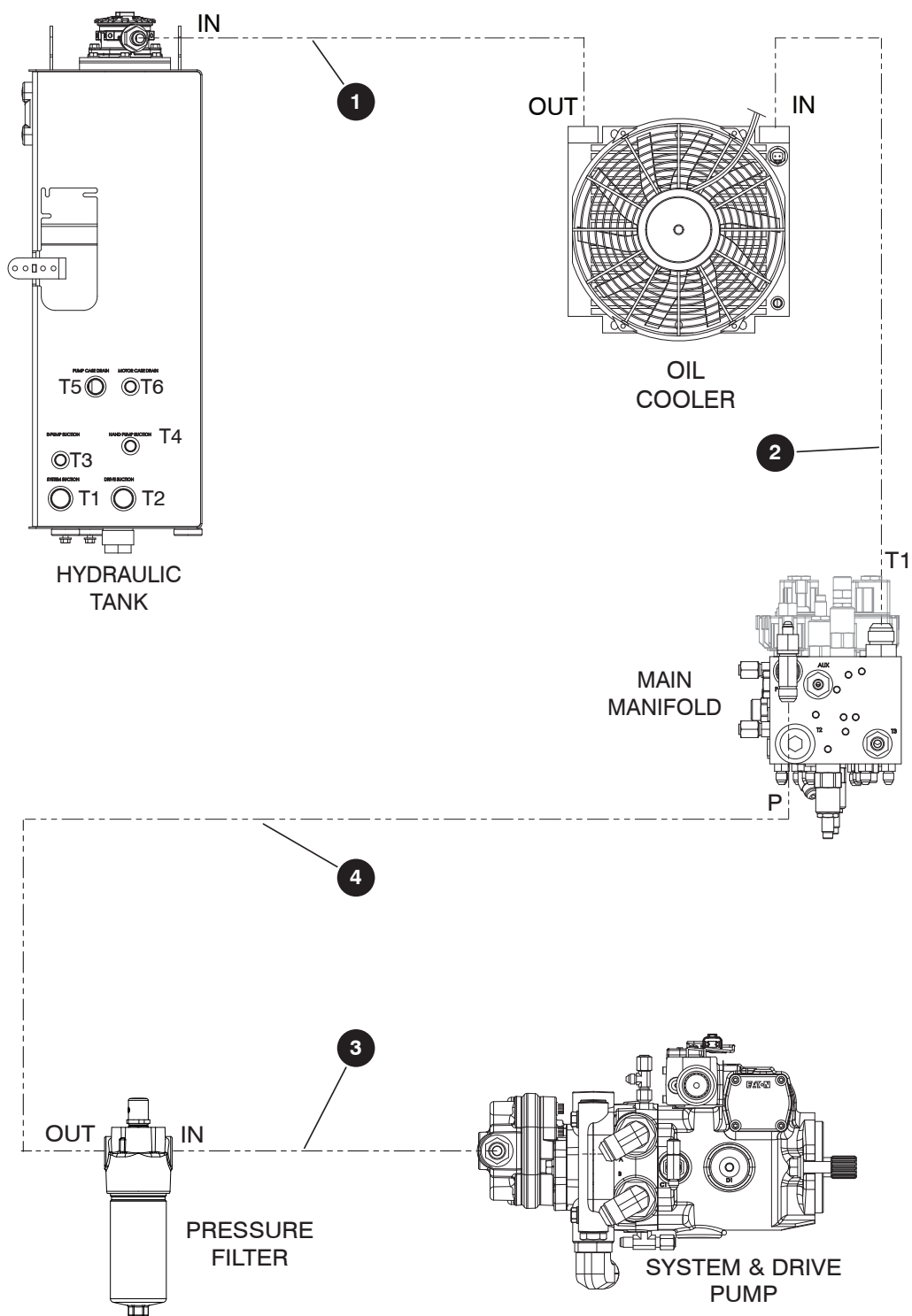
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9.12 Oil Cooler (No Generator) - SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
-	167812	1	OIL COOLER ASSEMBLY (No Generator) - SJ51AJ
-	167814	1	• OIL COOLER ASSEMBLY
1	160800	1	• • OIL COOLER, 12V DC
2	166788	1	• • MOUNT, Cooler bracket
3	167817	1	• • MOUNT, Oil cooler LH
4	167816	1	• • MOUNT, Oil cooler RH
5	106447	2	• • BOLT, Hex head (0.50"-13 x 2.25" Grade 8)
6	703284	1	• • FITTING, Elbow 90° (12 JICM - 12 JICFSW)
7	139007	2	• • BOLT, Hex head (0.50"-13 x 2.00" Grade 8)
8	105445	2	• • FITTING, Elbow 90° (12 JICM - 12 ORBM)
9	103870	4	• • BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
10	101297	4	• • BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
11	702507	4	• • NUT, Hex head nylon lock (0.50"-13 Grade 5)
12	104606	8	• • NUT, Hex head nylon lock (0.375"-16 Grade 5)
13	104379	8	• • WASHER, Flat hardened (0.50")
14	103472	16	• • WASHER, Flat (0.375")
15	(Ref.)	1	• DRIVE/SYSTEM PUMP (For components, refer to 7.11 Drive and System Pump)
16	(Ref.)	1	• OIL COOLER HOSE KIT (For components, refer to 9.13 Hydraulic Hoses - Oil Cooler (No Generator))
17	(Ref.)	1	• OIL COOLER WIRING (not shown) (For components, refer to 9.14 Oil Cooler Wiring)
18	703284	1	• FITTING, Elbow 90° (12 JICM - 12 JICFSW)
19	112366	1	• FITTING, Elbow 90° (08 JICM - 12 ORBM)
20	162293	1	• PAD, Guide (5.00" x 2.00" x 0.625")
21	101297	2	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
22	103472	2	• WASHER, Flat (0.375")
23	144238	2	• NUT, Torque lock (0.375"-16 Grade C)
24	170451	1	• SHROUD, Upper
25	170450	1	• SHROUD, Lower
26	137625	45"	• SEAL, Bulb
27	101632	4	• BOLT, Hex head (0.375"-16 x 0.75" Grade 5)
28	127067	4	• WASHER, Flat BB style (0.375")
29	138981	1	• FITTING, Elbow 90° (10 JICM - 12 ORBM)

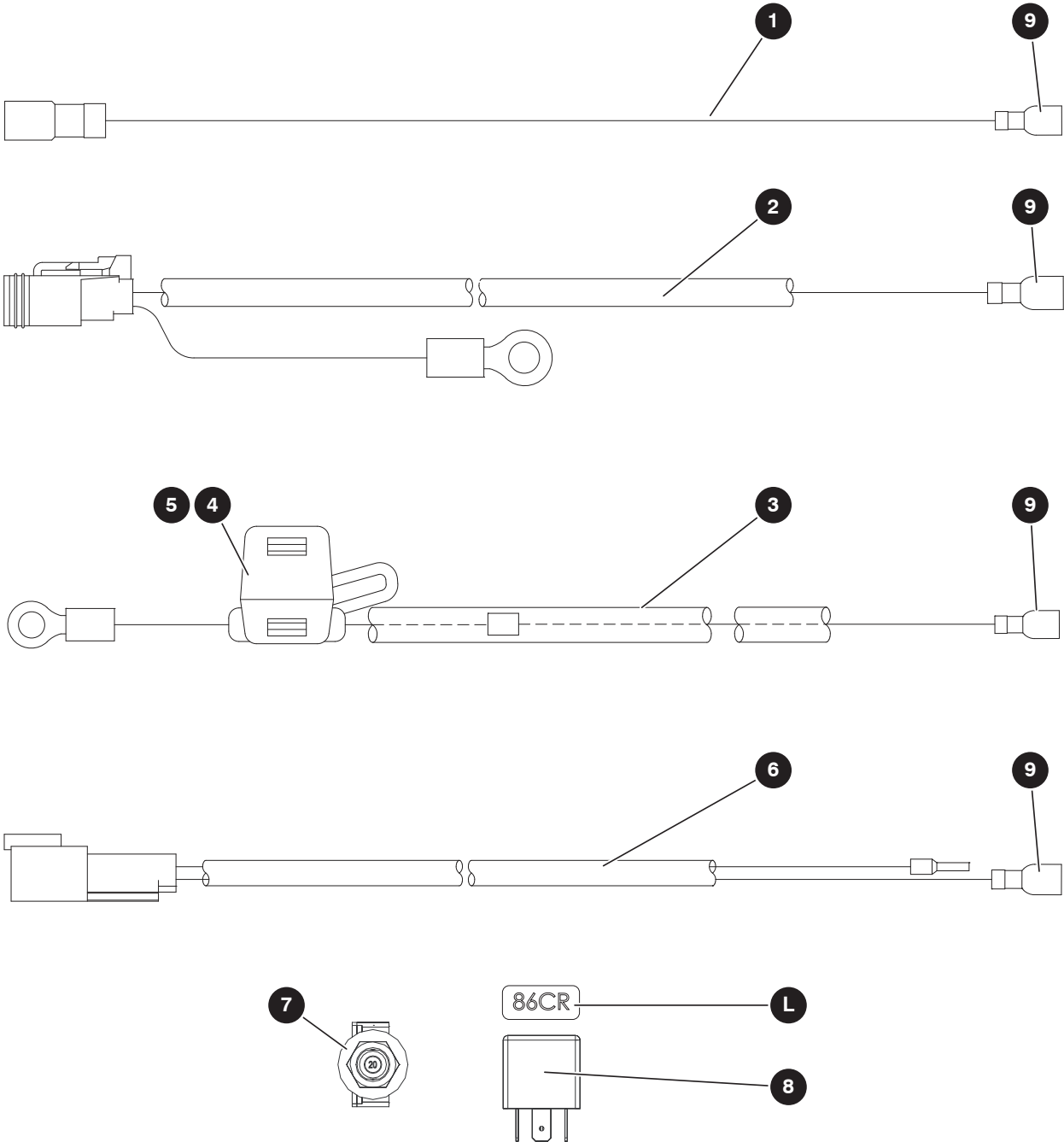
9.13 Hydraulic Hoses - Oil Cooler (No Generator)



9.13 Hydraulic Hoses - Oil Cooler (No Generator)

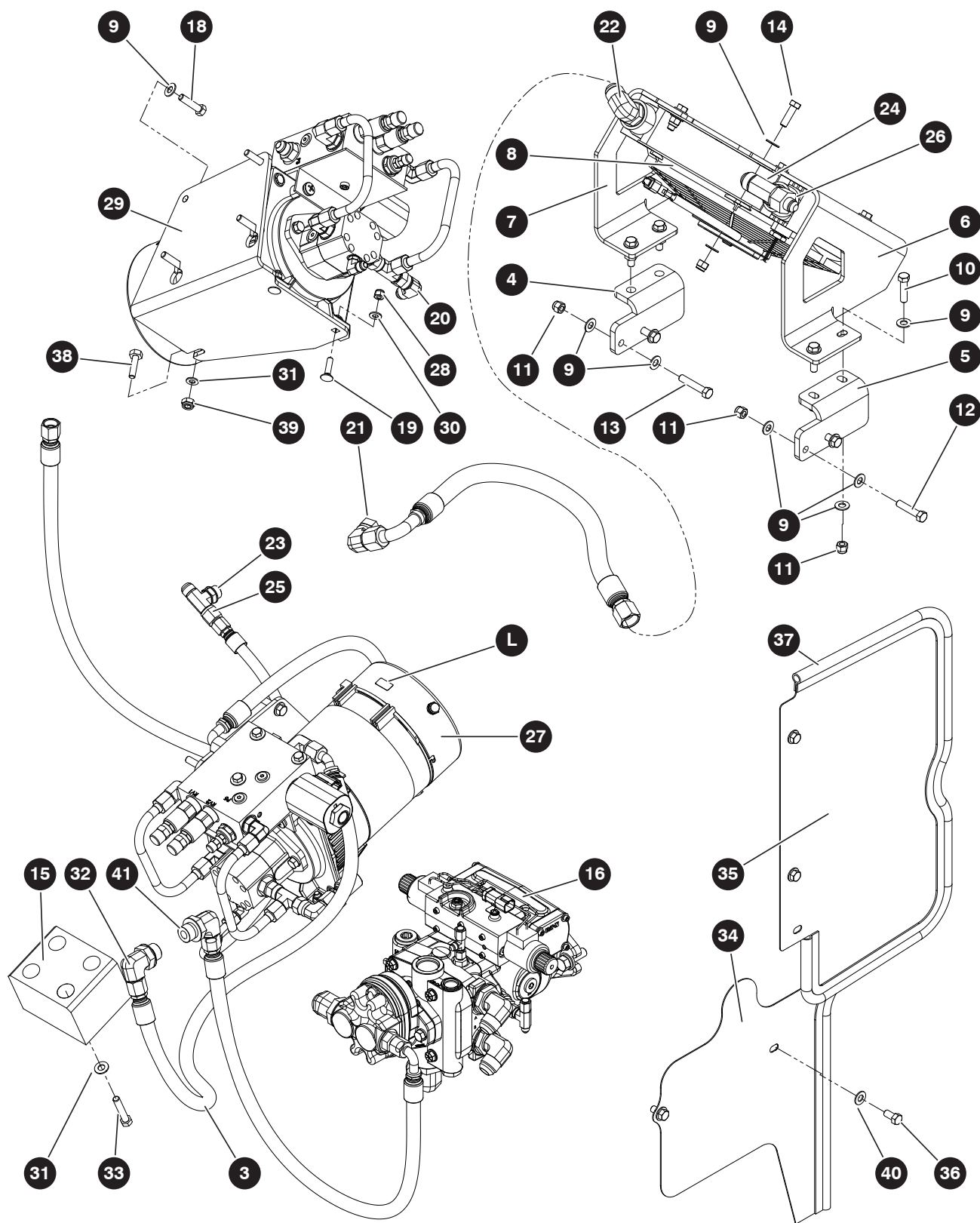
Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	166743	OIL COOLER HOSE KIT - SJ46AJ			
1	H5412 0027 0	Oil Cooler	OUT	IN	Return Filter (Hydraulic Tank)
2	H5112 0067 0	Oil Cooler	IN	T1	Main Manifold
3	H5410 0039 0	Pressure Filter	IN	-	System Pump
4	H5108 0086 0	Pressure Filter	OUT	P	Main Manifold
-	167815	OIL COOLER HOSE KIT - SJ51AJ			
1	H5412 0100 0	Oil Cooler	OUT	IN	Return Filter (Hydraulic Tank)
2	H5112 0135 0	Oil Cooler	IN	T1	Main Manifold
3	H5410 0039 0	Pressure Filter	IN	-	System Pump
4	H5108 0086 0	Pressure Filter	OUT	P	Main Manifold

9.14 Oil Cooler Wiring



9.14 Oil Cooler Wiring

Index No.	Skyjack Part No.	Qty.	Description
-	152418	1	OIL COOLER WIRING
1	163087	1	• WIRE ASSEMBLY (Cooler relay)
2	152419	1	• HARNESS, Cooler fan
	117597	1	• • CONNECTOR, Plug (2-pin)
	117599	1	• • CONNECTOR, Plug wedge (2-pin)
	117593	2	• • CONNECTOR, Contact socket (14/16)
3	144074	1	• HARNESS, Oil cooler
4	121504	1	• • FUSE, 20 AMP
5	119293	1	• • FUSE Holder with cover
6	152420	1	• HARNESS, Cooler temperature sensor
	117596	1	• • CONNECTOR, Receptacle (2-pin)
	117598	1	• • CONNECTOR, Receptacle wedge (2-pin)
	117590	1	• • CONNECTOR, Contact pin (16/18)
7	117326	1	• BREAKER, Circuit (20 AMP)
8	127131	1	• RELAY, 12V (40AMP)
9	116266	1	• CONNECTOR, Strain relief
L	144193	1	• LABEL, Relay - cooler 86CR



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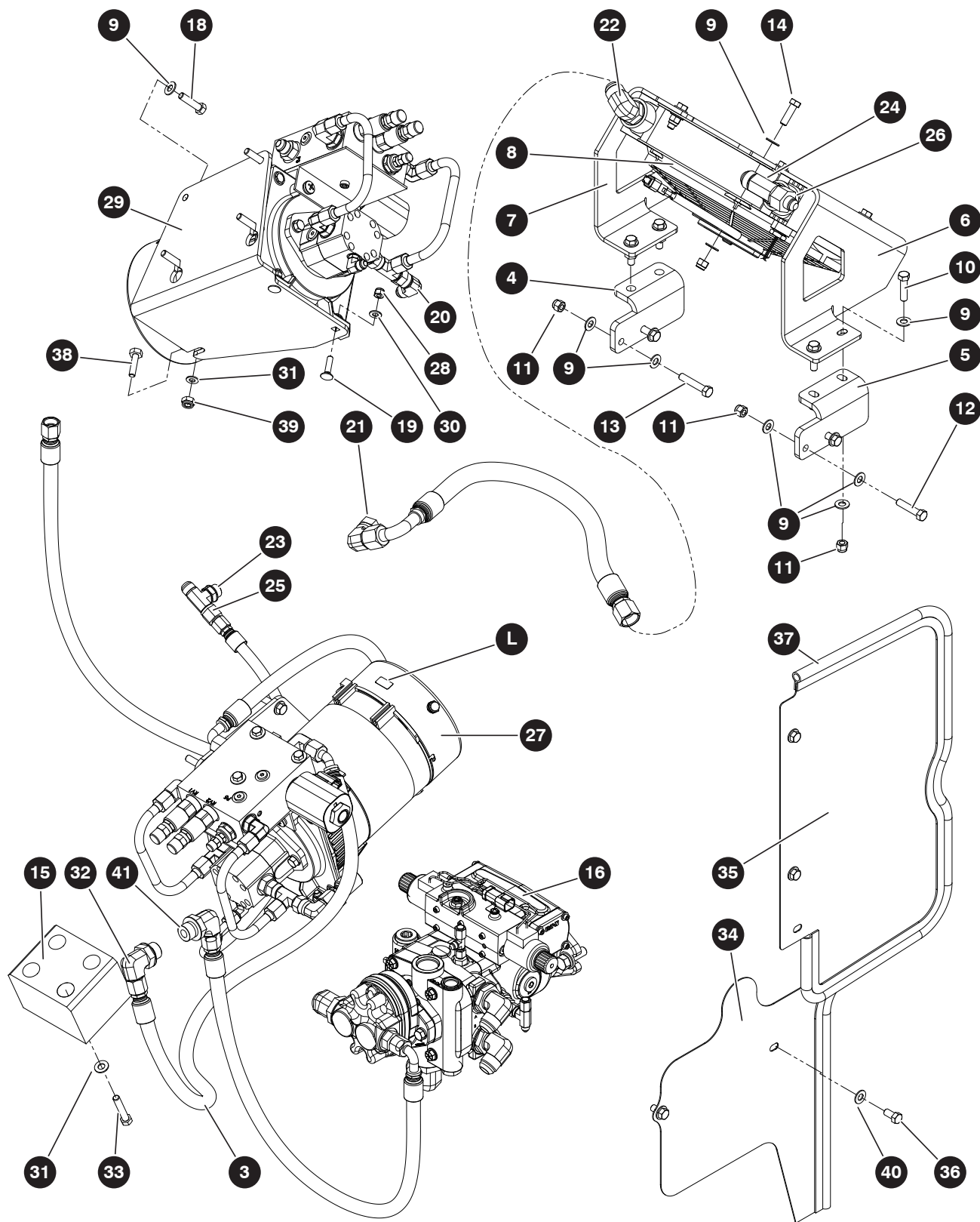
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SJ46AJ, SJ51AJ

SKYJACK

9.15 Generator & Oil Cooler - 3.5kW - SJ46AJ

Index No.	Skyjack Part No.	Qty.	Description
A	166730	1	GENERATOR & OIL COOLER ASSEMBLY - 3.5kW - SJ46AJ ANSI/CSA
B	166731	1	GENERATOR & OIL COOLER ASSEMBLY - 3.5kW - SJ46AJ CE
1	(Ref.)	1	OIL COOLER WIRING (not shown) (For components, refer to 9.14 Oil Cooler Wiring)
2	(Ref.)	1	GENERATOR WIRING - 3.5kW (not shown) (For components, refer to 9.19 Generator Wiring - 3.5kW)
3	(Ref.)	1	GENERATOR HOSE KIT (For components, refer to 9.18 Hydraulic Hoses - 3.5 kW Generator & Oil Cooler)
-	166736	1	• OIL COOLER ASSEMBLY
4	162962	1	• • BRACKET, Mount
5	162967	1	• • BRACKET, Mount
6	162964	1	• • BRACKET, Oil cooler mount RH
7	162963	1	• • BRACKET, Oil cooler mount LH
8	160800	1	• • OIL COOLER, 12V DC
	169245	1	• • • THERMOSTAT, Oil cooler
9	103472	26	• • WASHER, Flat (0.375")
0	103870	4	• • BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
11	104606	12	• • NUT, Hex head nylon lock (0.375"-16 Grade 5)
12	103871	2	• • BOLT, Hex head (0.375"-16 x 1.75" Grade 5)
13	103596	2	• • BOLT, Hex head (0.375"-16 x 2.00" Grade 5)
14	101297	6	• • BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
15	152593	1	• PAD, Wear (5.00" X 4.00" X 3.329")
16	(Ref.)	1	DRIVE/SYSTEM PUMP (For components, refer to 7.11 Drive and System Pump)
17	(Ref.)	1	UPPER CONTRL BOX WIRING - 3.5kW generator (not shown) (For components, refer to 9.19 Generator Wiring - 3.5kW)
18	103870	4	• BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
19	106049	2	• BOLT, Carriage (0.313"-18 x 1.25" Grade 5)
20	702856	1	• FITTING, Elbow 90° (08 JICM - 08 JICFSW)
21	703284	1	• FITTING, Elbow 90° (12 JICM -12 JICFSW)
22	105445	1	• FITTING, Elbow 90° (12 JICM - 12 ORBM)
23	135061	1	• FITTING, Branch tee (08 JICM - 08 JICM - 08 ORBM)
24	707277	1	• FITTING, Branch tee (12 JICM - 12 JICM - 12 ORBM)
25	110498	1	• FITTING, Straight (08 JICM - 06 ORBM)
26	703412	1	• FITTING, Straight (12 JICF - 08 JICM)
27	(Ref.)	1	GENERATOR (3.5kW - 60Hz AC) (For components, refer to 9.17 Generator - 3.5 kW)
28	103984	2	• NUT, Hex head nylon lock (0.313"-18 Grade 5)
29	166735	1	• PLATE, Generator mount
30	103996	2	• WASHER, Flat (0.312")
31	103472	9	• WASHER, Flat (0.375")
32	112366	1	• FITTING, Elbow 90° (08 JICM - 12 ORBM)
33	103596	4	• BOLT, Hex head (0.375"-16 x 2.00" Grade 5)



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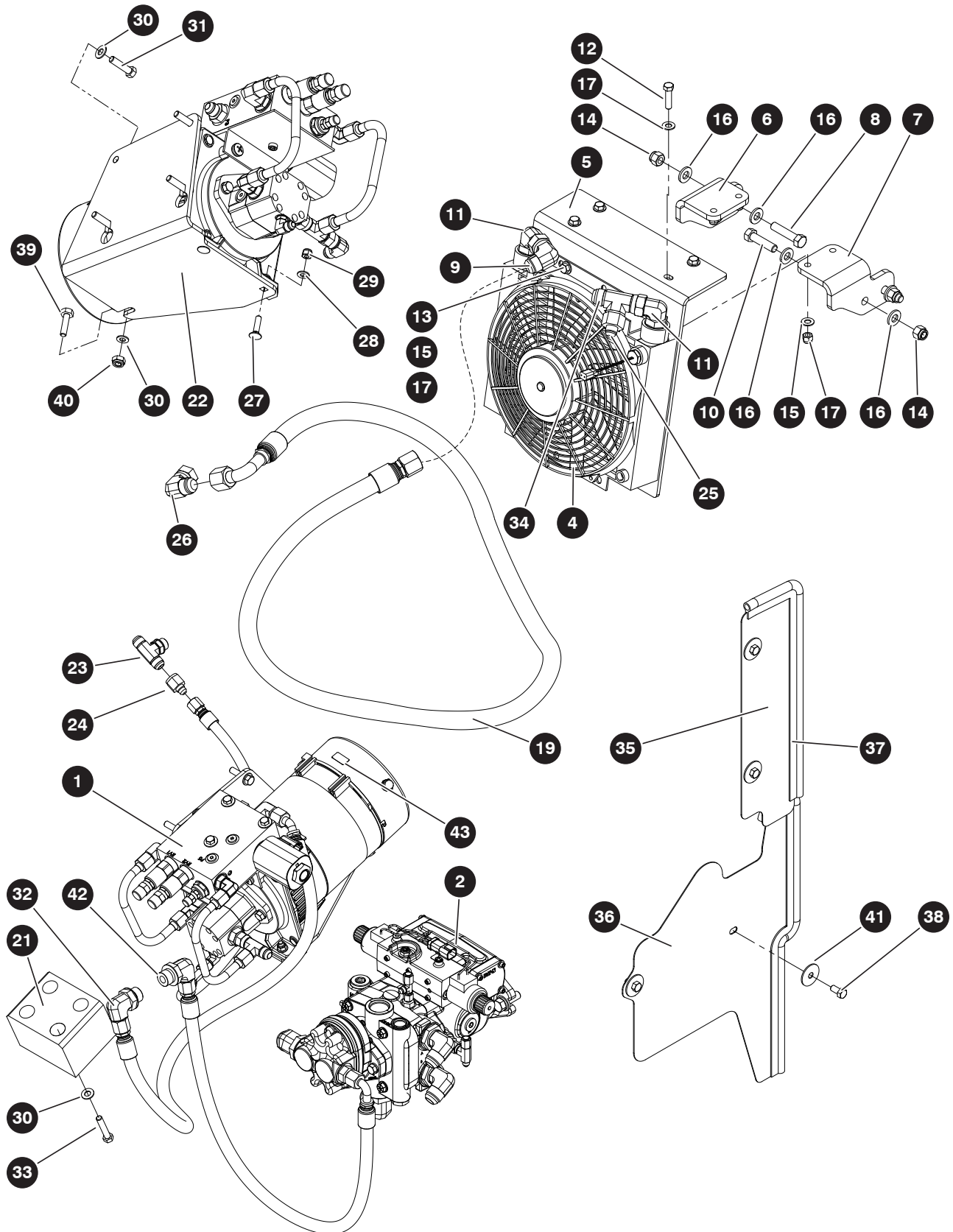
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SKYJACK

9.15 Generator & Oil Cooler - 3.5kW - SJ46AJ

Index No.	Skyjack Part No.	Qty.	Description
34	168622	1	• SHROUD, Generator - lower, A
	170451	1	• SHROUD, Generator - lower, B
35	168619	1	• SHROUD, Generator - upper, A
	170450	1	• SHROUD, Generator - upper, B
36	101632	4	• BOLT, Hex head (0.375"-16 x 0.75" Grade 5)
37	137625	62"	• SEAL, Bulb, A
	137625	60"	• SEAL, Bulb, B
38	136665	1	• BOLT, Hex head (M10 x 1.25 x 35mm Grade 8.8)
39	144260	1	• NUT, Hex head nylon lock (M10-1.25 Grade 8.8)
40	103472	4	• WASHER, Flat (0.375"), A
	127067	4	• WASHER, Flat BB style (0.375"), B
41	138981	1	• FITTING, Elbow 90° (08 JICM - 12 ORBM)
L	117390	1	• LABEL, Push to reset generator

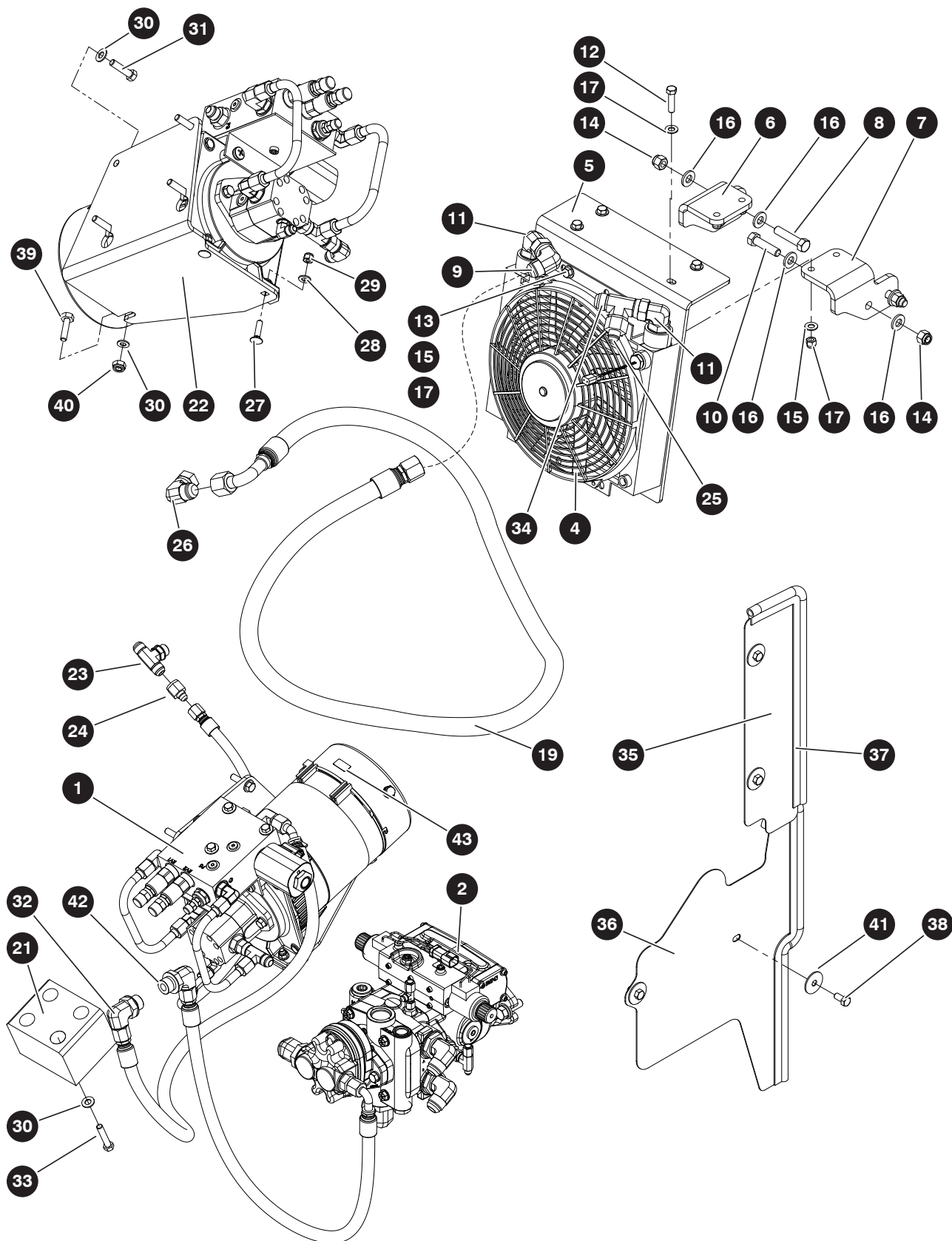


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9.16 Generator & Oil Cooler - 3.5kW - SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
-	167813	1	GENERATOR & OIL COOLER ASSEMBLY - 3.5kW - SJ51AJ CE
1	(Ref.)	1	GENERATOR (3.5kW - 60Hz AC) (For components, refer to 9.17 Generator - 3.5 kW)
2	(Ref.)	1	DRIVE/SYSTEM PUMP (For components, refer to 7.11 Drive and System Pump)
3	(Ref.)	1	GENERATOR WIRING - 3.5kW (not shown) (For components, refer to 9.19 Generator Wiring - 3.5kW)
-	167814	1	OIL COOLER ASSEMBLY
4	160800	1	• OIL COOLER, 12V DC
	169245	1	• • THERMOSTAT, Oil cooler
5	166788	1	• MOUNT, Oil Cooler angle
6	167817	1	• MOUNT, Oil Cooler LH
7	167816	1	• MOUNT, Oil Cooler RH
8	106447	2	• BOLT, Hex head (0.50"-13 x 2.25" Grade 8)
9	703284	1	• FITTING, Elbow 90° (12 JICM -12 JICFSW)
10	139007	2	• BOLT, Hex head (0.50"-13 x 2.00" Grade 8)
11	105445	2	• FITTING, Elbow 90° (12 JICM - 12 ORBM)
12	103870	4	• BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
13	101297	4	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
14	702507	4	• NUT, Hex head nylon lock (0.50"-13 Grade 5)
15	104606	8	• NUT, Hex head nylon lock (0.375"-16 Grade 5)
16	104379	8	• WASHER, Flat hardened (0.50")
17	103472	16	• WASHER, Flat (0.375")
18	(Ref.)	1	OIL COOLER WIRING (not shown) (For components, refer to 9.14 Oil Cooler Wiring)
19	(Ref.)	1	GENERATOR HOSE KIT (For components, refer to 9.18 Hydraulic Hoses - 3.5 kW Generator & Oil Cooler)
20	(Ref.)	1	UPPER CONTRL BOX WIRING - 3.5kW generator (not shown) (For components, refer to 9.19 Generator Wiring - 3.5kW)
21	152593	1	PAD, Wear (5.00" X 4.00" X 3.329")
22	166735	1	PLATE, Generator mount
23	135061	1	FITTING, Branch tee (08 JICM - 08 JICM - 08 ORBM)
24	110498	1	FITTING, Straight (08 JICM - 06 ORBM)
25	703412	1	FITTING, Straight (12 JICF - 08 JICM)
26	703284	1	FITTING, Elbow 90° (12 JICM -12 JICFSW)
27	106049	2	BOLT, Carriage (0.313"-18 x 1.25" Grade 5)
28	103996	2	WASHER, Flat (0.312")
29	103984	2	NUT, Hex head nylon lock (0.313"-18 Grade 5)
30	103472	9	WASHER, Flat (0.375")
31	103870	4	BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
32	112366	1	FITTING, Elbow 90° (08 JICM - 12 ORBM)
33	103596	4	BOLT, Hex head (0.375"-16 x 2.00" Grade 5)
34	703413	1	FITTING, Tee (12 JICM - 12 JICM - 12 JICFSW)

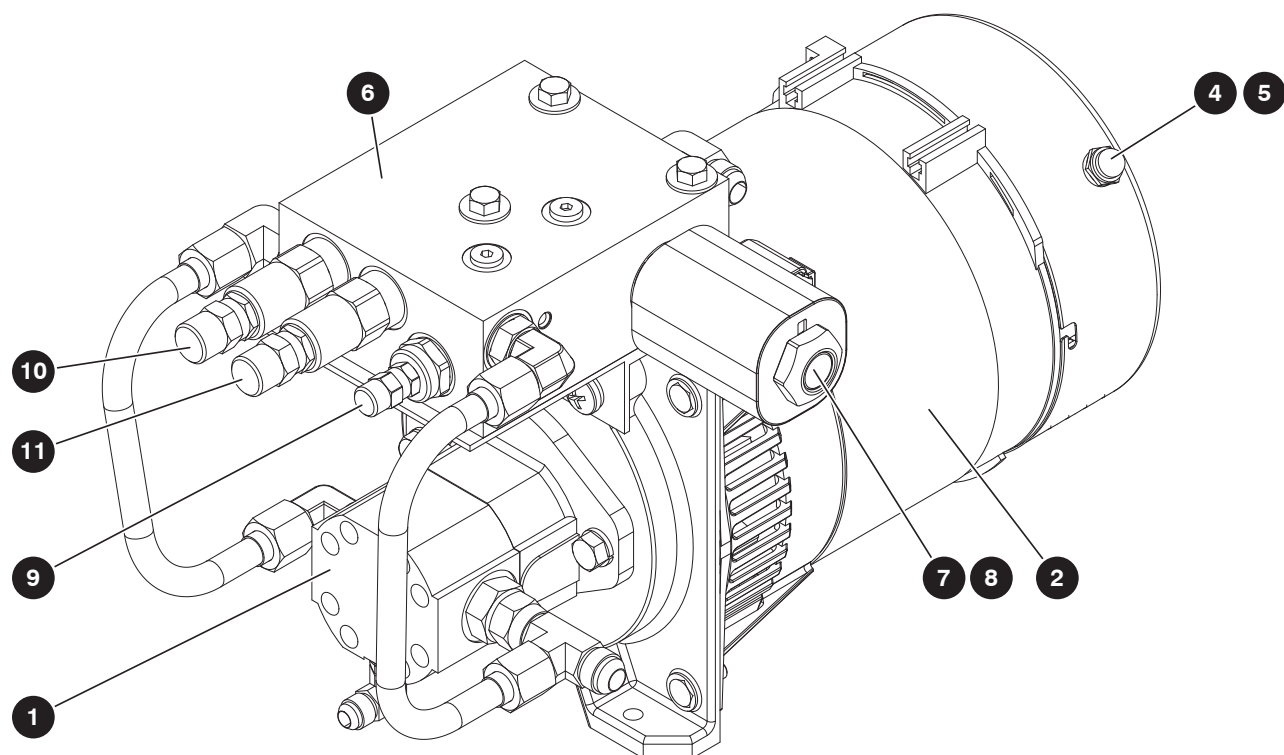


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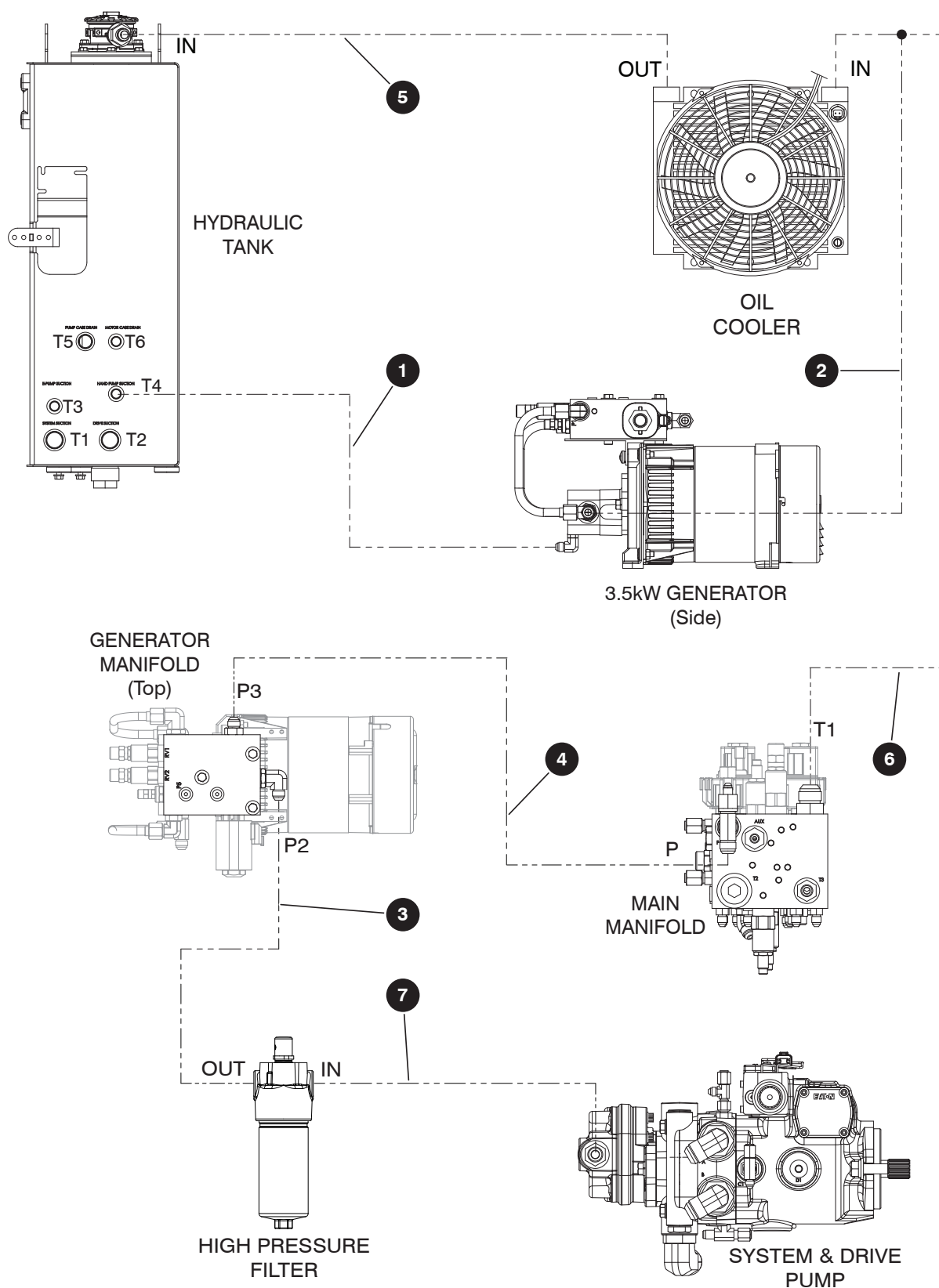
9.16 Generator & Oil Cooler - 3.5kW - SJ51AJ

Index No.	Skyjack Part No.	Qty.	Description
35	170450	1	• SHROUD, Generator - upper
36	170451	1	• SHROUD, Generator - lower
37	137625	45"	• SEAL, Bulb
38	101632	4	• BOLT, Hex head (0.375"-16 x 0.75" Grade 5)
39	136665	1	• BOLT, Hex head (M10 x 1.25 x 35mm Grade 8.8)
40	144260	1	• NUT, Hex head nylon lock (M10-1.25 Grade 8.8)
41	127067	4	• WASHER, Flat BB style (0.375")
42	138981	1	• FITTING, Elbow 90° (10 JICM - 12 ORBM)
43	117390	1	• LABEL, Push to reset generator



Index No.	Skyjack Part No.	Qty.	Description
A	195504	1	GENERATOR (3.5 kW - 60 Hz AC) - ANSI/CSA serial number 95002082 & above
B	160765	1	GENERATOR (3.5 kW - 60 Hz AC) - ANSI/CSA serial number 95002081 & below
C	195505	1	GENERATOR (3.5 kW - 50 Hz AC) - CE serial number 95002021 & above
D	160852	1	GENERATOR (3.5 kW - 50 Hz AC) - CE serial number 95002020 & below
1	171419	1	• MOTOR, Hydraulic - 5 cc
2	197772	1	• ALTERNATOR, Generator - 60 Hz, A, B
	197773	1	• ALTERNATOR, Generator - 50 Hz, C, D
3	197775	1	• CORD, GFI (not shown)
4	117325	1	• BREAKER, Circuit - 15 amp
5	162508	1	• BOOT, Circuit breaker
-	197765	1	• MANIFOLD, Generator - 3.5 kW
6	197768	1	• • BLOCK, Manifold
7	168448	1	• • VALVE, Solenoid
8	168450	1	• • COIL, Solenoid
9	169407	1	• • VALVE, Flow control
10	195600	1	• • VALVE, Relief (3250 psi), A, C
	169408	1	• • VALVE, Relief (3250 psi), B, D
11	195596	1	• • VALVE, Relief (400 psi), A, C
	169409	1	• • VALVE, Relief (400 psi), B, D

9.18 Hydraulic Hoses - 3.5 kW Generator & Oil Cooler



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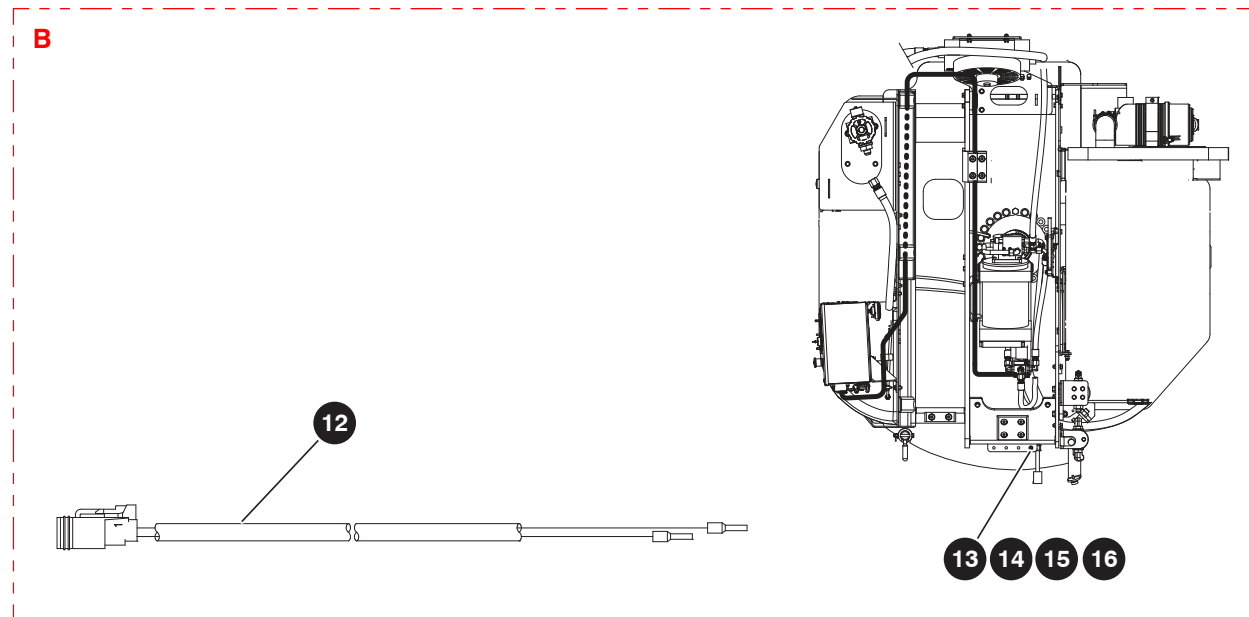
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9.18 Hydraulic Hoses - 3.5 kW Generator & Oil Cooler

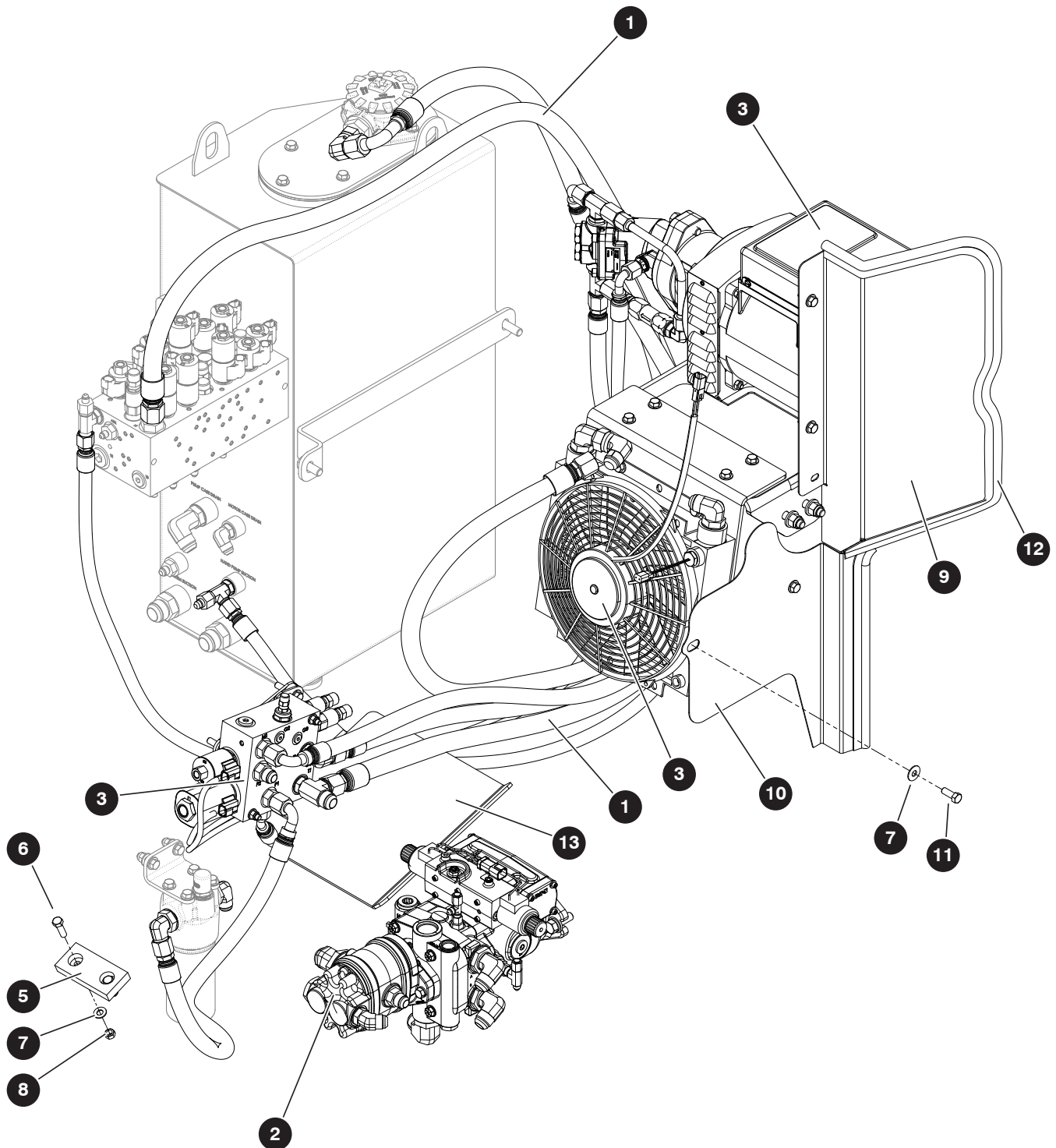
Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	166734	3.5kW GENERATOR & OIL COOLER HOSE KIT - SJ46AJ ANSI/CSA & CE			
1	H5406 0037 0	Generator (Case Drain)	-	T4	Hydraulic Tank
2	H5408 0053 0	Oil Cooler	IN	-	Generator (Return)
3	H5208 0050 0	Pressure Filter	OUT	P2	Generator Manifold (Pressure)
4	H5408 0061 0	Generator Manifold (Auxiliary)	P3	P	Main Manifold
5	H5412 0027 0	Oil Cooler	OUT	IN	Return Filter (Hydraulic Tank)
6	H5112 0067 0	Oil Cooler	IN	T1	Main Manifold
7	H5410 0039 0	Pressure Filter	IN	-	System Pump
-	167841	3.5kW GENERATOR & OIL COOLER HOSE KIT - SJ51AJ CE			
1	H5406 0037 0	Generator (Case Drain)	-	T4	Hydraulic Tank
2	H5408 0036 0	Oil Cooler	IN	-	Generator (Return)
3	H5208 0050 0	Pressure Filter	OUT	P2	Generator Manifold (Pressure)
4	H5408 0061 0	Generator Manifold (Auxiliary)	P3	P	Main Manifold
5	H5412 0100 0	Oil Cooler	OUT	IN	Return Filter (Hydraulic Tank)
6	H5112 0135 0	Oil Cooler	IN	T1	Main Manifold
7	H5410 0039 0	Pressure Filter	IN	-	System Pump

AC



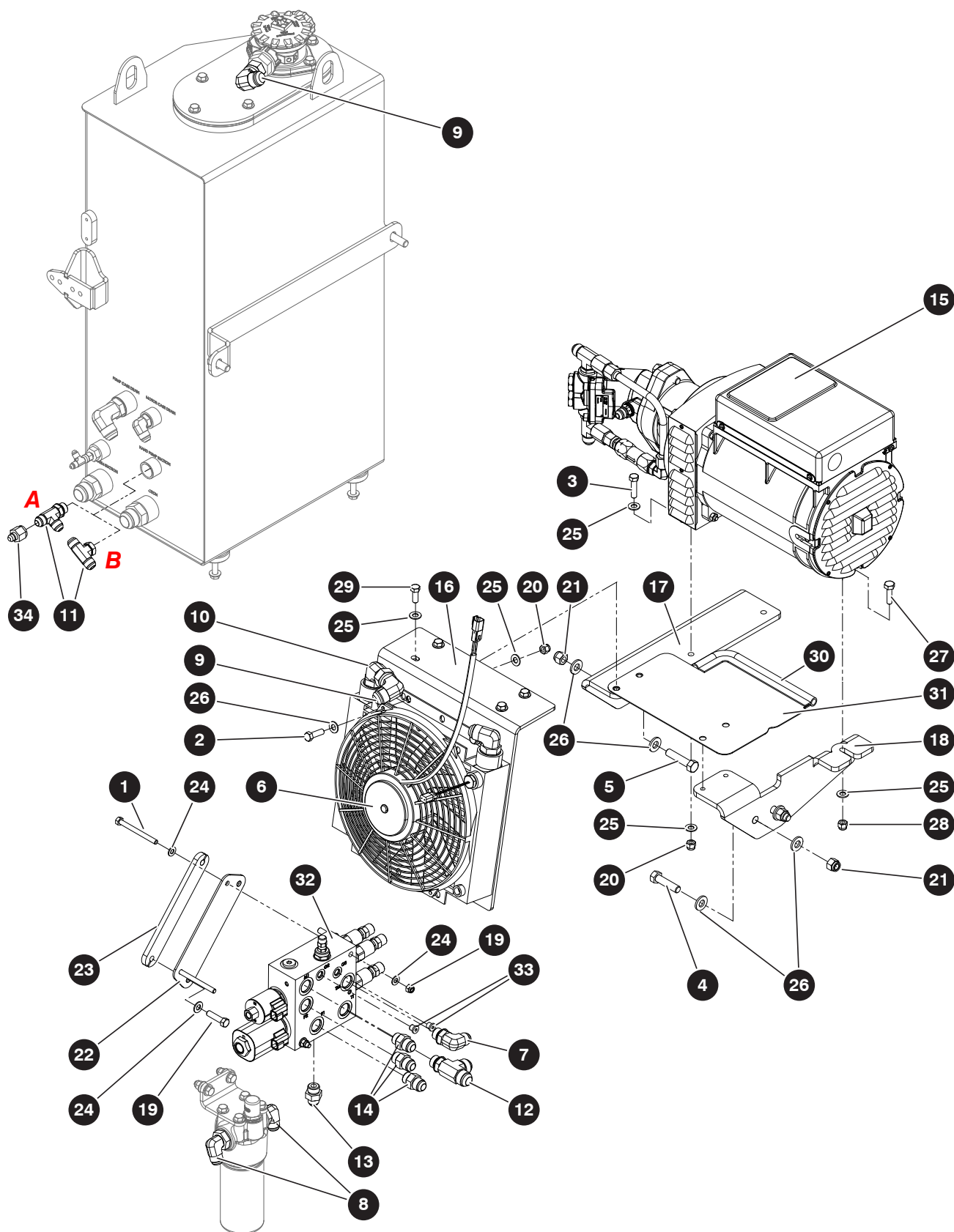
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Index No.	Skyjack Part No.	Qty.	Description
A	169581	1	GENERATOR WIRE KIT - Platform control console
-	169587	1	• WIRE ASSEMBLY, Generator anti-start
1	127131	1	• • RELAY, 12V 40 amp
2	138749	1	• • SOCKET, Relay
3	169477	1	• • WIRE ASSEMBLY, Generator (85)
4	169588	1	• • WIRE ASSEMBLY, Generator (78/85)
5	169479	1	• • WIRE ASSEMBLY, Generator (02)
6	169480	1	• • WIRE ASSEMBLY, Generator (57A)
7	169494	1	• • LABEL, Relay (57ACR1)
8	144081	1	• WIRE ASSEMBLY, Generator (04)
9	144082	1	• WIRE ASSEMBLY, Generator (04A)
10	115747	1	• SWITCH, Toggle (1NT1-3)
11	144016	1	• SEAL, Toggle switch
B	148596	1	GENERATOR WIRE KIT - Generator
12	152582	1	• HARNESS, Generator valve
	117597	1	• • CONNECTOR, Plug (2-pin)
	117599	1	• • CONNECTOR, Plug wedge (2-pin)
	117591	2	• • CONNECTOR, Contact socket (16/18)
13	103024	1	• CLIP, Single (G8)
14	103857	1	• BOLT, Hex head cap (1/4"-20 X 1" Grade 5)
15	103995	1	• WASHER, Flat (1/4")
16	115649	1	• NUT, Hex lock (1/4"-20 Grade 5, nylon)



9.20 Generator & Oil Cooler Assembly - SJ46AJ - 7.5 kW

Index No.	Skyjack Part No.	Qty.	Description
-	207873	1	7.5 kW GENERATOR AND OIL COOLER ASSEMBLY - SJ46AJ AS
1	166799	1	HOSE KIT, 7.5 kW and 12 kW Generators (For components, refer to 9.29 Hydraulic Hoses - 7.5 kW & 12 kW Generator & Oil Cooler)
2	210006	1	DRIVE/SYSTEM PUMP (For components, refer to 7.12 Drive and System Pump with 7.5 kW Generator)
3	208784	1	GENERATOR & COOLER ASSEMBLY - 7.5 kW & 12 kW (For components, refer to 9.21 Generator & Oil Cooler - SJ46AJ - 7.5 kW & 12kW)
4	209043	1	ELECTRICAL ASSEMBLY - 7.5 kW (not shown) (For components, refer to 9.14 Oil Cooler Wiring) (For components, refer to 9.30 Generator Wiring - 7.5 kW and 12 kW)
5	162293	1	PAD, Guide (5.00" x 2.00" x 0.625")
6	101297	4	BOLT, Hex head (0.375"-16 x 1.25" gr 5)
7	103472	8	WASHER, Flat (0.375")
8	144238	2	NUT, Torque lock (0.375"-16 gr c)
9	168616	1	SHROUD, Generator - upper
10	168617	1	SHROUD, Generator - lower
11	103473	4	BOLT, Hex head (0.375"-16 x 1.00" gr 5)
12	137625	58"	SEAL, Bulb
13	212110	1	PLATE, Cover



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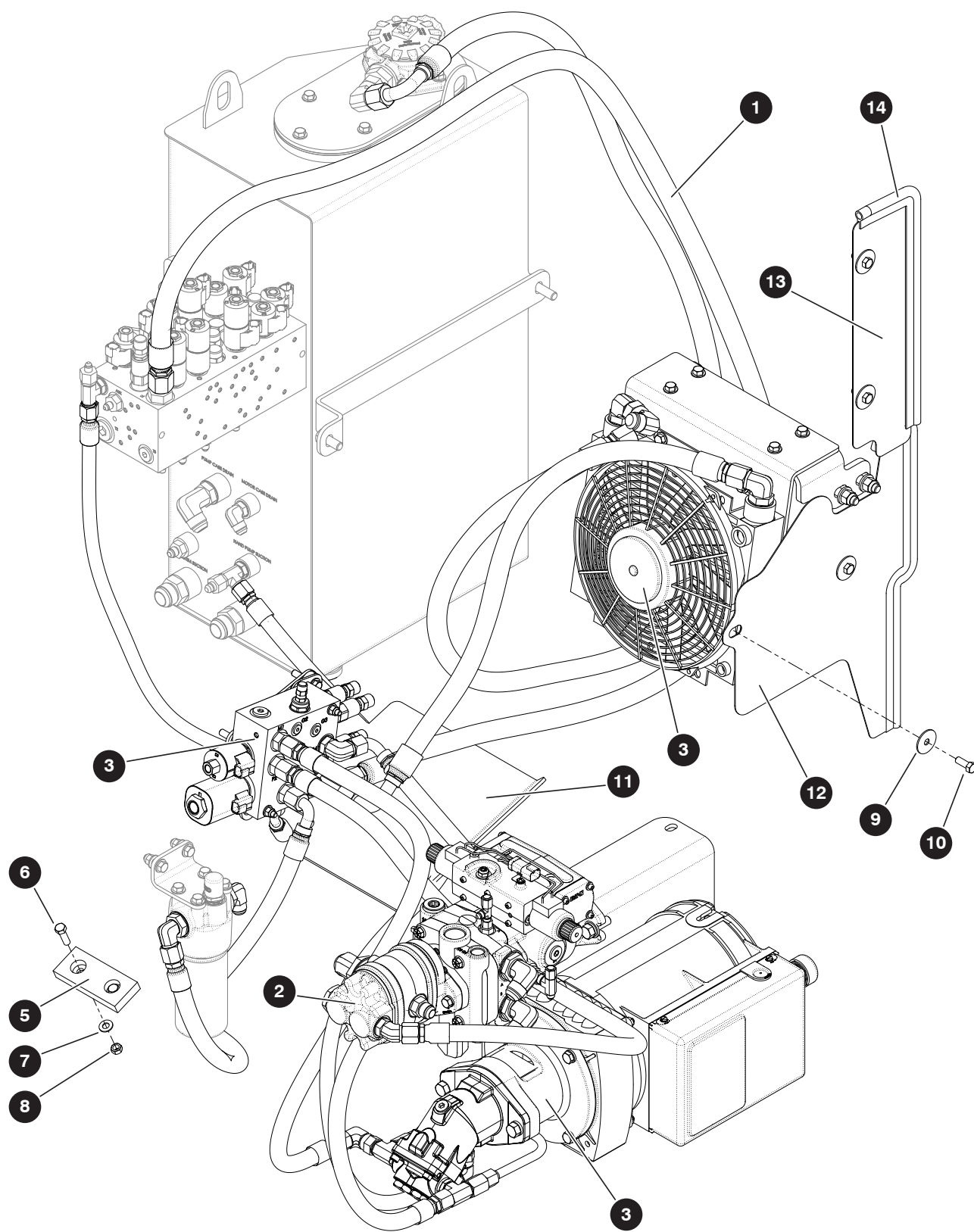
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SKYJACK

9.21 Generator & Oil Cooler - SJ46AJ - 7.5 kW & 12kW

Index No.	Skyjack Part No.	Qty.	Description
A	208784	1	7.5 kW GENERATOR AND OIL COOLER - AS
B	166842	1	12 kW GENERATOR AND OIL COOLER - ANSI/CSA
1	103868	2	• BOLT, Hex head (0.312"-18 x 3.50" Grade 5)
2	101297	4	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
3	103870	4	• BOLT, Hex head (0.375"-16 x 1.50" Grade 5)
4	139007	2	• BOLT, Hex head (0.50"-13 x 2.00" Grade 8)
5	106447	2	• BOLT, Hex head (0.50"-13 x 2.25" Grade 8)
6	160800	1	• COOLER, Hydraulic oil 12VDC
7	135091	1	• FITTING, Elbow 90° (10 JICM - 10 ORBM)
8	138981	2	• FITTING, Elbow 90° (10 JICM - 12 ORBM)
9	703284	2	• FITTING, Elbow 90° (12 JICM -12 JICFSW)
10	105445	2	• FITTING, Elbow 90° (12 JICM - 12 ORBM)
11	110554	1	• FITTING, Branch Tee (08 JICM - 08 JICM - 08 ORBM), A
	135061	1	• FITTING, Branch Tee (08 JICM - 08 JICM - 08 ORBM), B
12	166843	1	• FITTING, Run Tee (12 JICM - 10 ORBM - 12 JICM)
13	103071	1	• FITTING, Straight (08 JICM - 10 ORBM)
14	137630	3	• FITTING, Straight (10 JICM - 10 ORBM)
15	(Ref.)	1	• GENERATOR, Hydraulic (For components, refer to 9.24 Generator - 7.5 kW), A (For components, refer to 9.27 Generator - 12 kW), B
16	166788	1	• MOUNT, Cooler angle
17	166789	1	• MOUNT, Generator LH
18	166787	1	• MOUNT, Generator RH
19	103984	2	• NUT, Hex head nylon lock (0.313"-18 Grade 5)
20	104606	6	• NUT, Hex head nylon lock (0.375"-16 Grade 5)
21	702507	4	• NUT, Hex head nylon lock (0.500"-13 Grade 5)
22	166797	1	• PLATE, Manifold mount
23	166796	1	• PLATE, Manifold spacer
24	103996	4	• WASHER, Flat (0.312")
25	103472	19	• WASHER, Flat (0.375")
26	104379	8	• WASHER, Flat hardened (0.5")
27	136665	1	• BOLT, Hex head (M10 x 1.25 x 35mm Grade 8.8)
28	144260	1	• NUT, Hex head nylon lock (M10-1.25 Grade 8.8)
29	103473	4	• BOLT, Hex head (0.375"-16 x 1.00 Grade 5)
30	137625	11"	• SEAL, Bulb
31	169141	1	• COVER, Cooler
32	169526	1	• MANIFOLD, Welder generator (For components, refer to 9.25 Generator Manifold - 7.5 kW & 12 kW)
33	121250	3	• FITTING, Plug hollow hex (04 ORBM)
34	110498	1	• FITTING, Straight (08JICF-06JICM), A



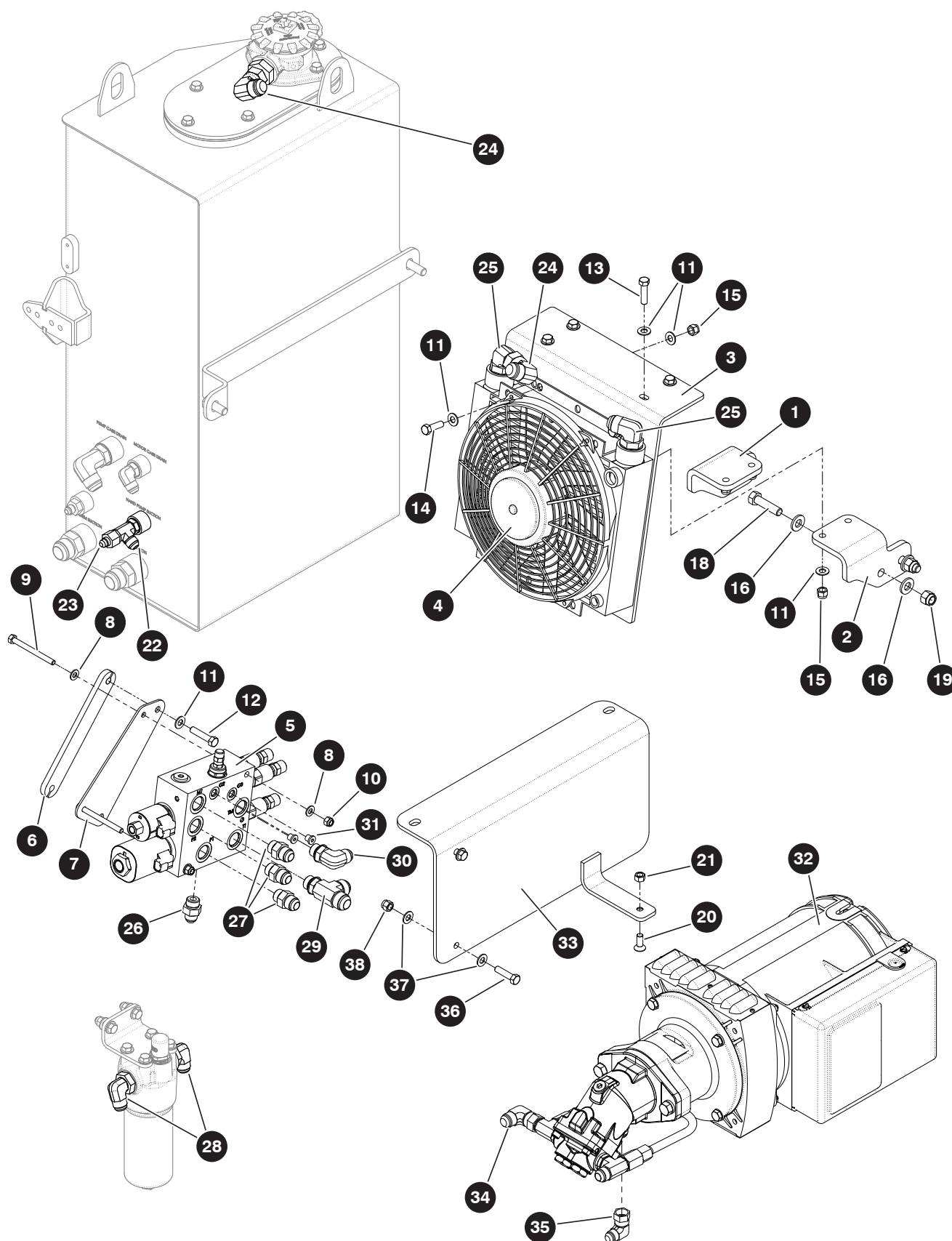
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SJ46AJ, SJ51AJ

9.22 Generator & Oil Cooler Assembly - SJ51AJ - 7.5 kW

Index No.	Skyjack Part No.	Qty.	Description
A	220528	1	7.5 kW GENERATOR AND OIL COOLER ASSEMBLY - SJ51AJ AS S/N & above
B	213068	1	7.5 kW GENERATOR AND OIL COOLER ASSEMBLY - SJ51AJ AS S/N & below
1	213071	1	HOSE KIT, 7.5 kW and 12 kW Generators (For components, refer to 9.29 Hydraulic Hoses - 7.5 kW & 12 kW Generator & Oil Cooler)
2	210006	1	DRIVE/SYSTEM PUMP (For components, refer to 7.12 Drive and System Pump with 7.5 kW Generator)
3	(Ref.)	1	GENERATOR & COOLER ASSEMBLY - 7.5 kW (For components, refer to 9.23 Generator & Oil Cooler - SJ51AJ - 7.5 kW)
4	209043	1	ELECTRICAL ASSEMBLY - 7.5 kW (not shown) (For components, refer to 9.14 Oil Cooler Wiring) (For components, refer to 9.30 Generator Wiring - 7.5 kW and 12 kW)
5	152593	1	PAD, Guide (5.00" x 4.00" x 3.329"), A
	162293	1	PAD, Guide (5.00" x 2.00" x 0.625"), B
6	103596	4	BOLT, Hex head (0.375"-16 x 2.00" gr 5), A
	101297	4	BOLT, Hex head (0.375"-16 x 1.25" gr 5), B
7	103472	4	WASHER, Flat (0.375")
8	144238	2	NUT, Torque lock (0.375"-16 gr c), B
9	127067	4	WASHER, Flat (0.375" BB)
10	103473	4	BOLT, Hex head (0.375"-16 x 1.00" gr 5)
11	212110	1	PLATE, Cover, B
12	170451	1	SHROUD, Generator - lower
13	170450	1	SHROUD, Generator - upper
14	137625	45"	TRIM, Rubber



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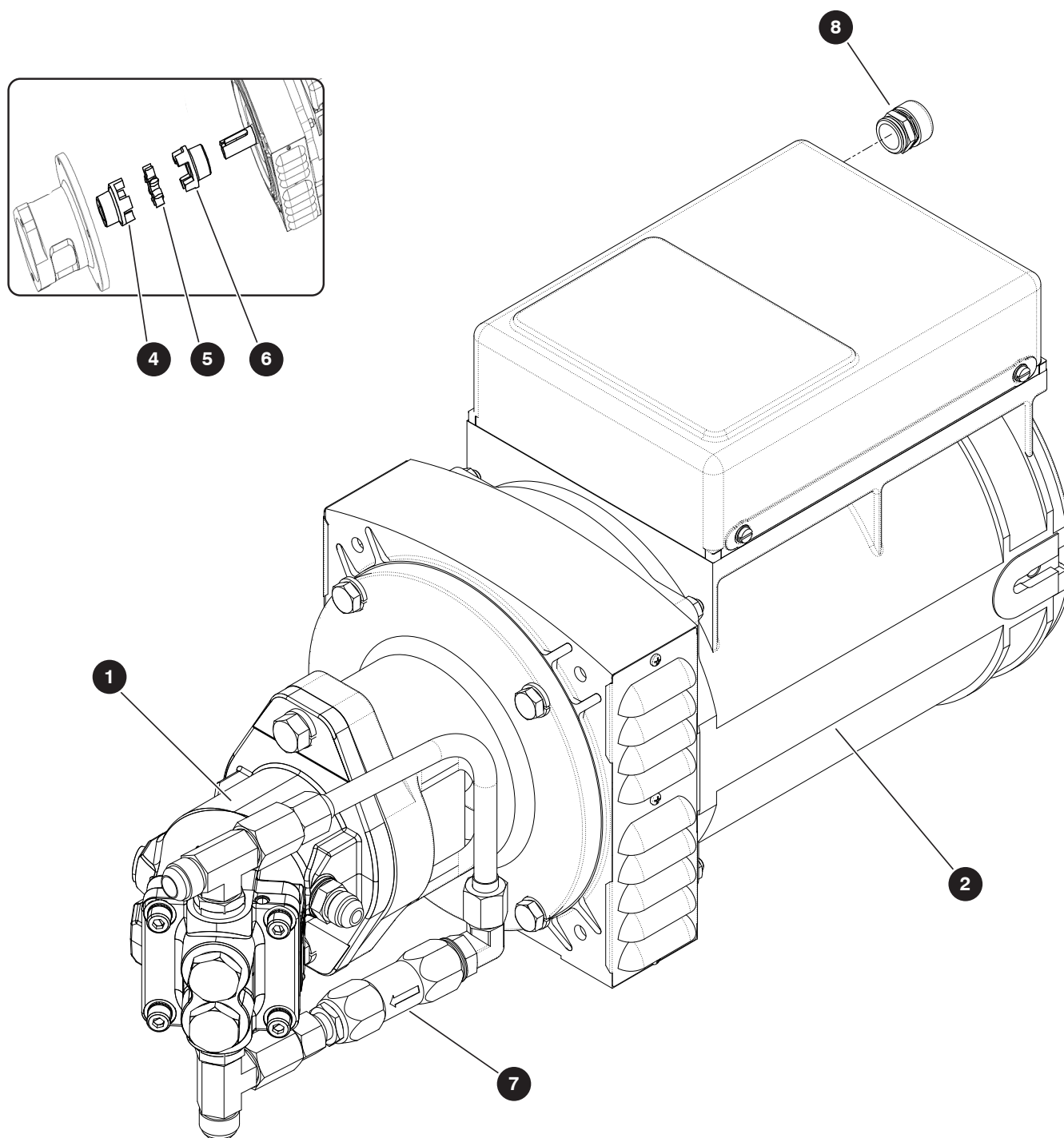
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SKYJACK

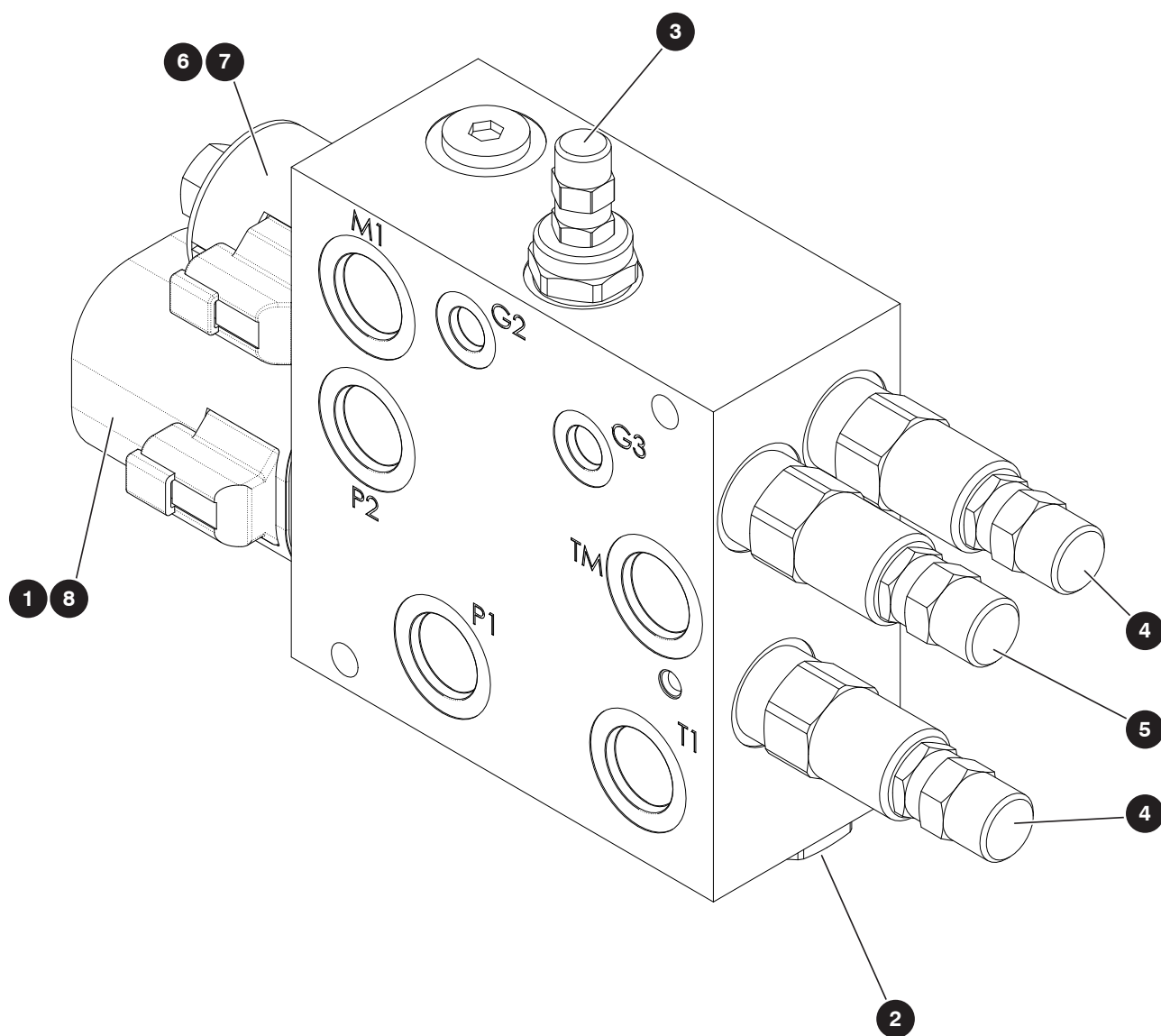
9.23 Generator & Oil Cooler - SJ51AJ - 7.5 kW

Index No.	Skyjack Part No.	Qty.	Description
A	220530	1	GENERATOR & OIL COOLER - 7.5 kW - SJ51AJ AS S/N & above
B	213069	1	GENERATOR & OIL COOLER - 7.5 kW - SJ51AJ AS S/N & below
1	167817	1	• MOUNT, Oil cooler - LH
2	167816	1	• MOUNT, Oil cooler - RH
3	166788	1	• MOUNT, Cooler angle
4	160800	1	• COOLER, Hydraulic oil - 12 V DC
5	169526	1	• MANIFOLD, Generator control (For components, refer to 9.25 Generator Manifold - 7.5 kW & 12 kW)
6	166796	1	• PLATE, Manifold spacer
7	166797	1	• PLATE, Manifold mount
8	103996	4	• WASHER, Flat (0.312")
9	103868	2	• BOLT, Hex head (0.312"-18 x 3.5" gr. 5)
10	103984	2	• NUT, Lock (0.313"-18 gr 5 nylon)
11	103472	22	• WASHER, Flat (0.375")
12	103871	2	• BOLT, Hex head (0.375"-16 x 1.75" gr 5)
13	103870	4	• BOLT, Hex head (0.375"-16 x 1.5" gr 5)
14	101297	4	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
15	104606	10	• NUT, Lock (0.375"-16 gr 5 nylon)
16	104379	8	• WASHER, Flat (0.5" hard)
17	106447	2	• BOLT, Hex head (0.50-13 x 2.25" gr 8)
18	139007	2	• BOLT, Hex head (0.50-13 x 2.0" gr 8)
19	702507	4	• NUT, Lock (0.5"-13 gr C nylon)
20	153305	1	• SCREW, Flat head cap (0.375"-16 x 1.00" gr 5), B
21	103978	1	• NUT, Hex (0.375"-16 gr 5), B
22	110554	1	• FITTING, Run tee (08JICM-08ORBM-08JICM)
23	110498	1	• FITTING, Straight (08JICF-06JICM)
24	703284	2	• FITTING, 90° (12JICM12JICF - SW)
25	105445	2	• FITTING, 90° (12JICM-12ORBM)
26	103071	1	• FITTING, Straight (08JICM-10ORBM)
27	137630	3	• FITTING, Straight (10ORBM-10JICM)
28	138981	2	• FITTING, 90° (10JICM-12ORBM)
29	166843	1	• FITTING, RUN TEE (12JICM-10ORBM-12JICM)
30	135091	1	• FITTING, 90° (10JICM-10ORBM)
31	121250	3	• FITTING, Plug (04ORBM)
32	208843	1	• GENERATOR, Hydraulic - 7.5 kW 50 Hz
33	220529	1	• BRACKET, Generator mount, A
	213060	1	• BRACKET, Generator mount, B
34	703626	1	• FITTING, 90° (10JICM - 10JICFSW)
35	702856	1	• FITTING, 90° (08JICM-08JICFSW)
36	103904	2	• BOLT, Hex head (0.5"-13 x 2" gr 5), A
	103870	2	• BOLT, Hex head (0.375"-16 x 1.5" gr 5), B
37	104379	4	• WASHER, Flat (0.5"), A
	103472	4	• WASHER, Flat (0.375"), B
38	702507	2	• NUT, Lock (0.5"-13 gr 5 nylon), A
	104606	2	• NUT, Lock (0.375"-16 gr 5 nylon), B



9.24 Generator - 7.5 kW

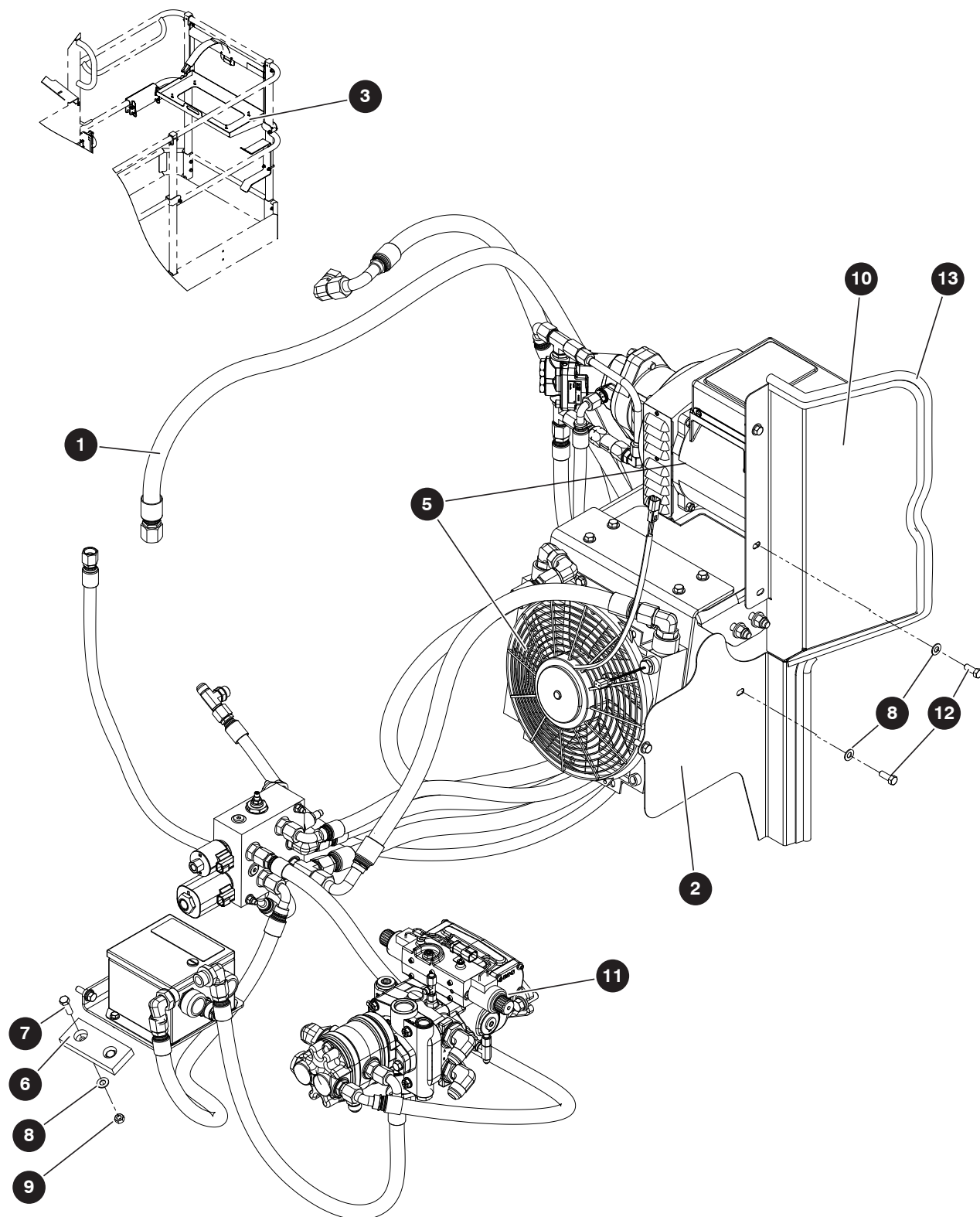
Index No.	Skyjack Part No.	Qty.	Description
A	208843	1	GENERATOR (7.5 kW - 50 Hz AC) - AS
1	195467	1	• MOTOR, Hydraulic - 12 cc
2	212457	1	• ALTERNATOR, Generator - 50 Hz
3	212460	1	• CORD, GFI - 8' (not shown)
4	197777	1	• COUPLING, Motor
5	197778	1	• INSERT, Coupling
6	197779	1	• COUPLING, Alternator
7	197771	1	• VALVE, Check
8	702613	1	STRAIN RELIEF



9.25 Generator Manifold - 7.5 kW & 12 kW

Index No.	Skyjack Part No.	Qty.	Description
-	169526	1	MANIFOLD, Generator - 7.5 kW & 12 kW - ANSI/CSA & AS
1	168448	1	• VALVE, Spool
2	168059	1	• VALVE, Check
3	169407	1	• VALVE, Flow control
4	169408	2	• VALVE, Relief
5	169409	1	• VALVE, Relief
6	224570	1	• VALVE, Solenoid poppet
7	212554	1	• COIL, Solenoid "ER" (size 10, 12 VDC)
8	212470	1	• COIL, Solenoid "ER" (size 12, 12 VDC)

9.26 Generator & Oil Cooler Assembly - 12 kW



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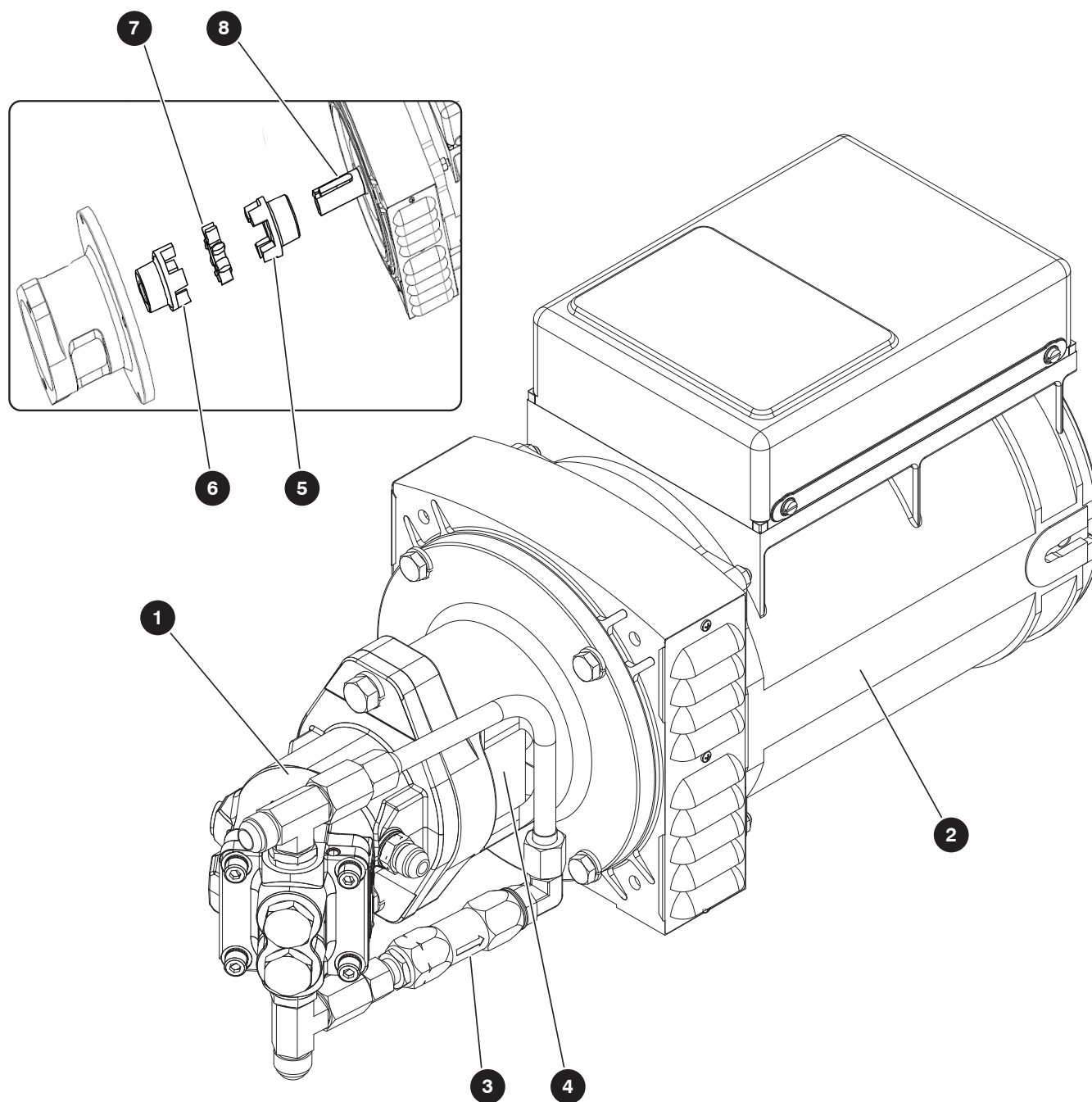
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9.26 Generator & Oil Cooler Assembly - 12 kW

Index No.	Skyjack Part No.	Qty.	Description
-	166732	1	12KW GENERATOR ASSEMBLY - SJ46AJ ANSI/CSA with Welder Option
1	(Ref.)	1	HOSE KIT, 12kW Generator (For components, refer to 9.29 Hydraulic Hoses - 7.5 kW & 12 kW Generator & Oil Cooler)
2	(Ref.)	1	PUMP ASSEMBLY (For components, refer to 7.13 Drive and System Pump with 12 kW Generator)
3	(Ref.)	1	WELDER MOUNTING ASSEMBLY (For components, refer to 9.31 Welder & Mount)
4	(Ref.)	1	WIRING ASSEMBLY - 12kW Generator (not shown) (For components, refer to 9.14 Oil Cooler Wiring) (For components, refer to 9.30 Generator Wiring - 7.5 kW and 12 kW)
5	(Ref.)	1	GENERATOR AND OIL COOLER ASSEMBLY - 12kW (For components, refer to 9.21 Generator & Oil Cooler - SJ46AJ - 7.5 kW & 12kW)
6	162293	1	PAD, Guide (5.00" x 2.00" x 0.625")
7	101297	2	BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
8	103472	6	WASHER, Flat (0.375")
9	144238	2	NUT, Torque lock (3/8"-16 Grade C)
10	168616	1	SHROUD, Generator - upper
11	168617	1	SHROUD, Generator - lower
12	103473	4	BOLT, Hex head (0.375-16" x 1.00" Grade 5)
13	137625	58"	SEAL, Bulb

9.27 Generator - 12 kW



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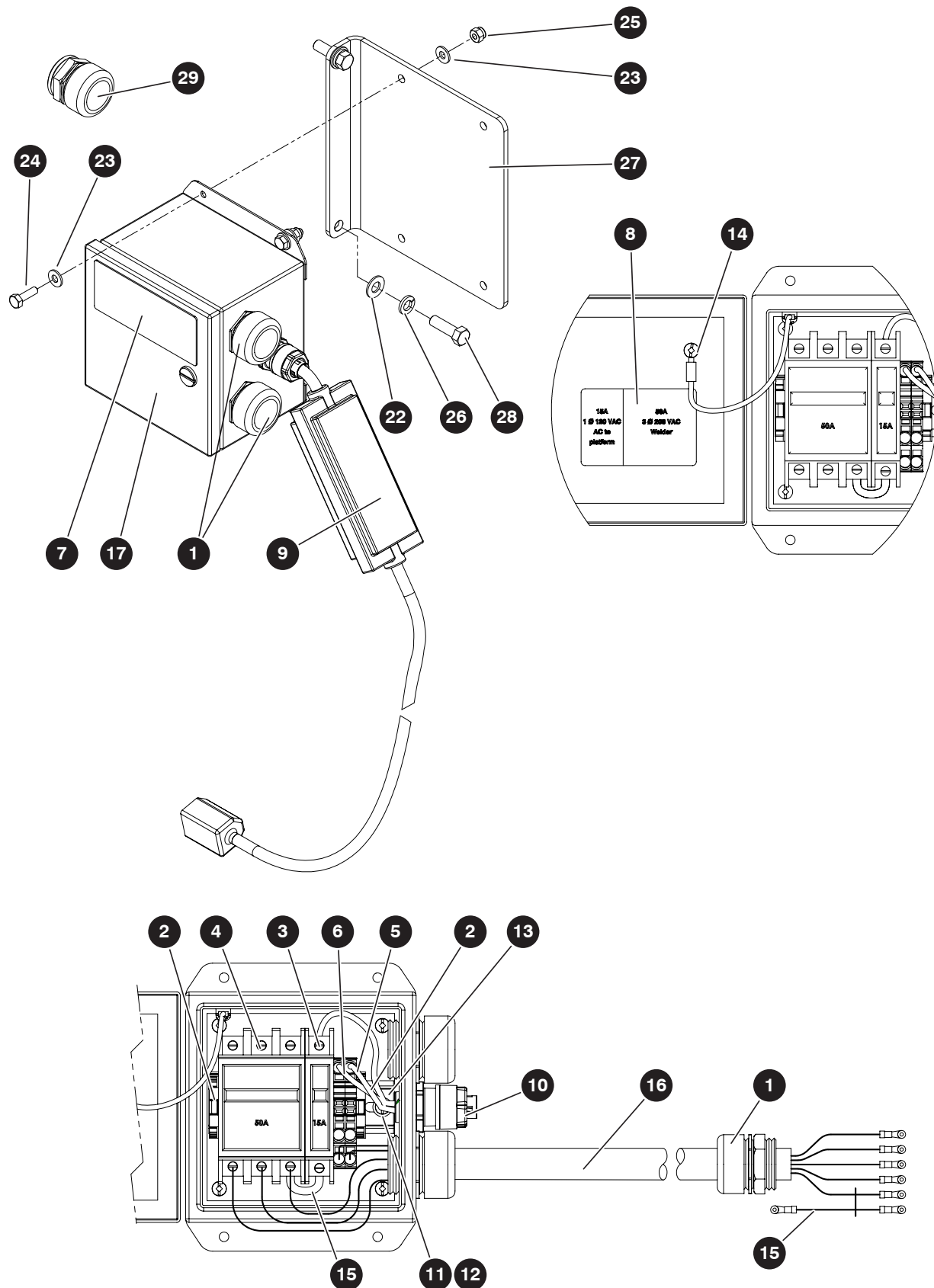
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	166844	1	GENERATOR, Hydraulic, 12KVA, 11cc
1	195467	1	• MOTOR, Hydraulic - 12 cc
2	197774	1	• ALTERNATOR, Generator - 60 Hz
3	197771	1	• VALVE, Check
4	197778	2	• COVER, Mount
5	197779	1	• COUPLING, Alternator
6	197780	1	• COUPLING, Motor
7	197781	1	• INSERT, Coupling
8	197782	1	• KEY, Alternator drive

9.28 Circuit Breaker - 12kW Generator



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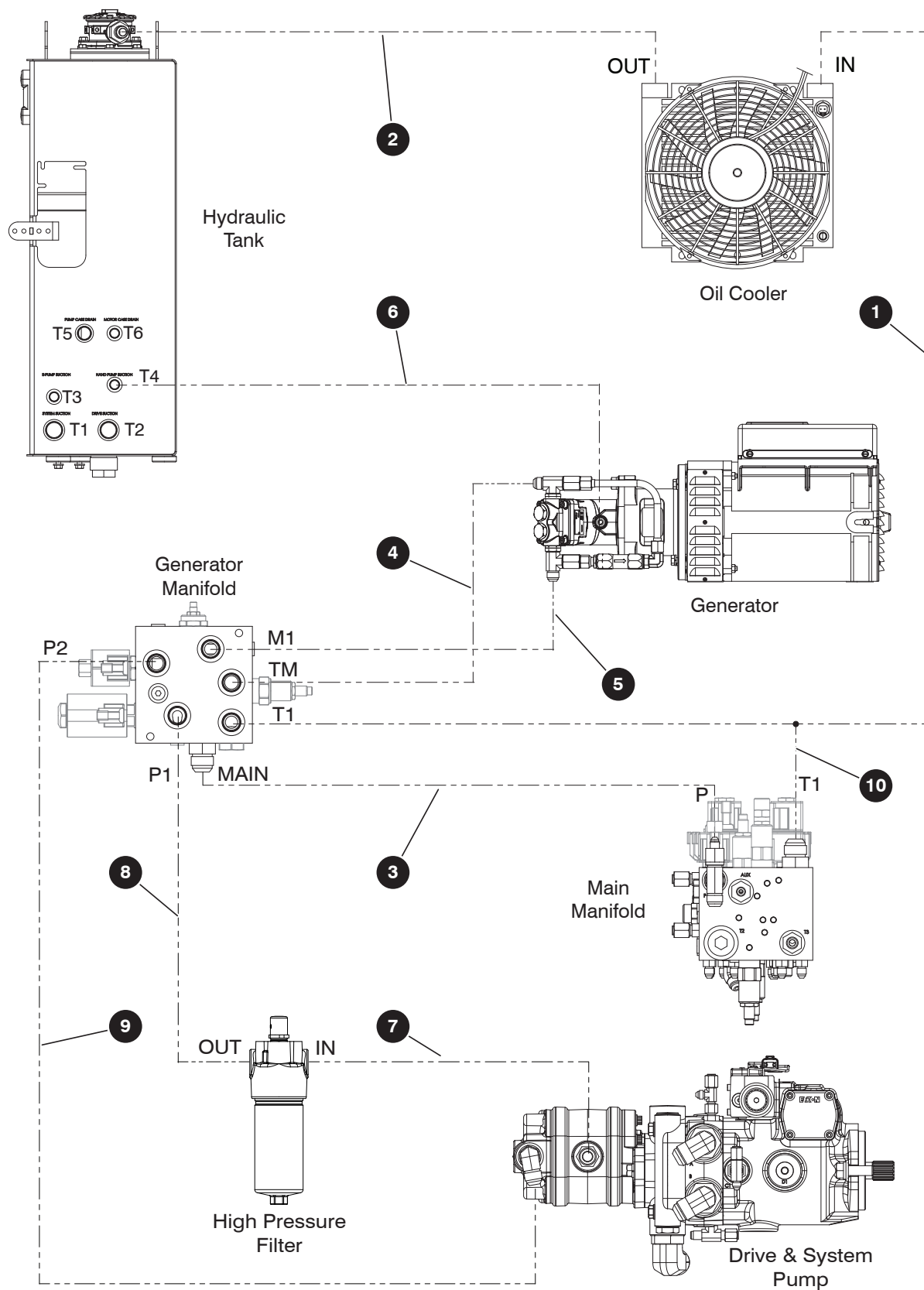
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SKYJACK

9.28 Circuit Breaker - 12kW Generator

Index No.	Skyjack Part No.	Qty.	Description
-	166832	1	GENERATOR ELECTRICAL ASSEMBLY - 12kW - SJ46AJ ANSI/CSA
-	167376	1	• CIRCUIT BREAKER BOX ASSEMBLY
1	702613	2	• • CONNECTOR, Strain relief 1-18" straight
2	707147	2	• • STOP, End
3	141630	1	• • CIRCUIT BREAKER, 15A 1 pole
4	141631	1	• • CIRCUIT BREAKER, 50A 3 pole
5	144184	1	• • TERMINAL BLOCK, 3 cond 8 AWG ground
6	144185	1	• • TERMINAL BLOCK, 3 cond 8 AWG through
7	141692	1	• • LABEL, Hazardous voltage
8	141704	1	• • LABEL, 50A Welder
9	144177	1	• • CABLE ASSEMBLY, 110V, generator
10	103041	1	• • CONNECTOR, Strain relief (blue)
11	104694	2	• • WASHER, Flat (#10)
12	155545	4	• • SCREW, Round head machine (#10-32 x 0.375")
13	163666	1	• • RAIL, Din
14	144176	1	• • WIRE ASSEMBLY, Ground
15	144178	2	• • WIRE SET, Jumper, generator
16	167427	1	• • CABLE ASSEMBLY, Generator to control box
17	163665	1	• • ENCLOSURE, Electrical
18	163660	1	• CABLE, Welder
19	(Ref.)	1	• OIL COOLER WIRING (For components, refer to 9.14 Oil Cooler Wiring)
20	(Ref.)	1	• UPPER CONTROL BOX GENERATOR WIRING (For components, refer to 9.30 Generator Wiring - 7.5 kW and 12 kW)
21	(Ref.)	1	• 12kW GENERATOR WIRING (For components, refer to 9.30 Generator Wiring - 7.5 kW and 12 kW)
22	103472	2	• WASHER, Flat (0.375")
23	103995	8	• WASHER, Flat (0.25")
24	103891	4	• BOLT, Hex head (0.25"-20 x 0.875" Grade 5)
25	115649	4	• NUT, Hex head nylon lock (0.25"-20 Grade 5)
26	103999	2	• WASHER, Lock (0.375")
27	167324	1	• BRACKET, Breaker mount
28	117430	2	• BOLT, Hex head (0.375"-16 x 1.25" Grade 5)
29	702613	1	• CONNECTOR, Strain relief (1-18" straight)



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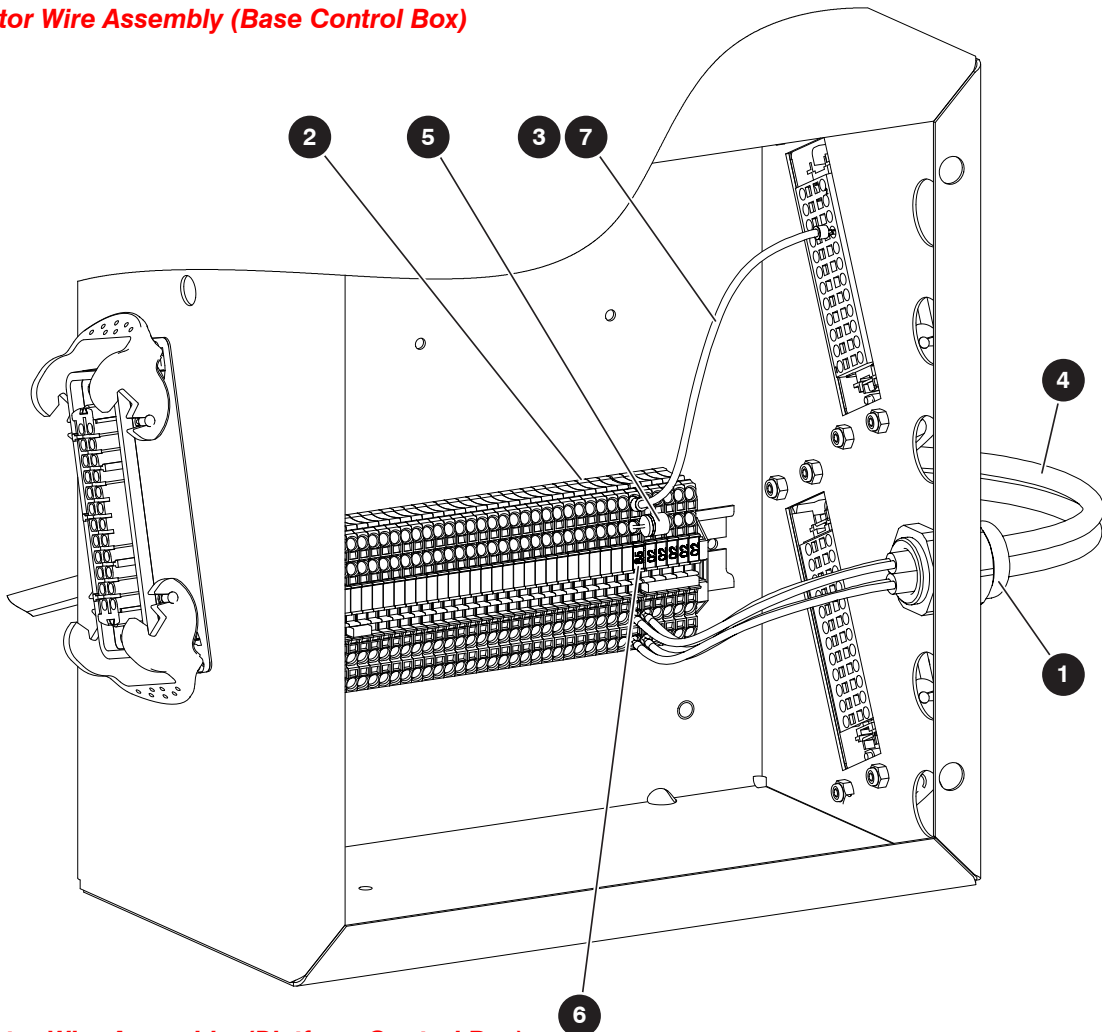
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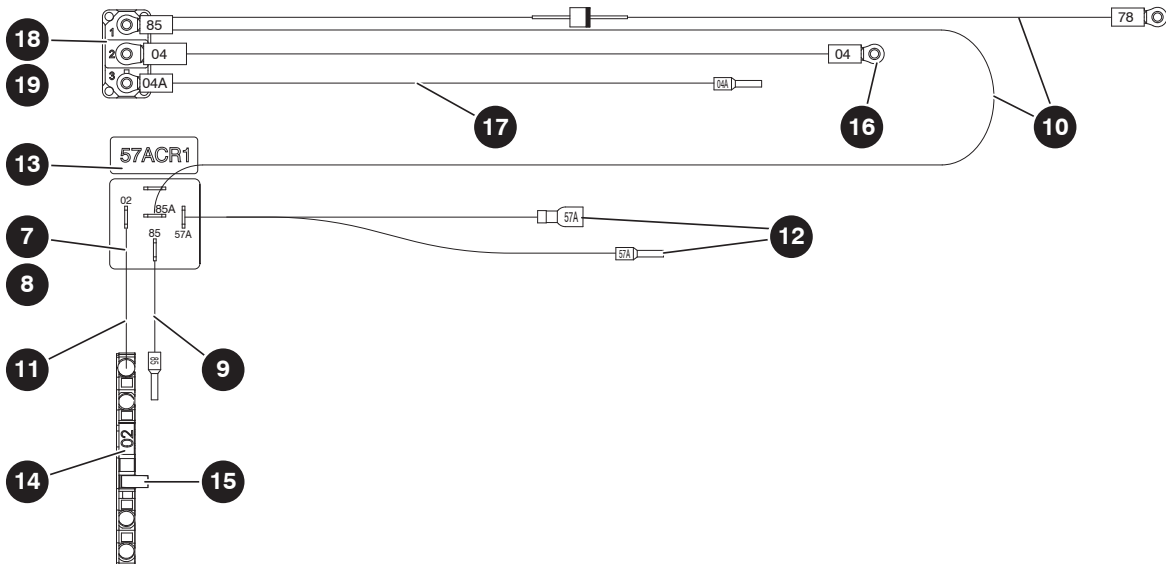
AE 9.29 Hydraulic Hoses - 7.5 kW & 12 kW Generator & Oil Cooler

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
A	166799	7.5 kW & 12 kW GENERATOR & OIL COOLER HOSE KIT - SJ46AJ ANSI/CSA & AS			
1	H5412 0036 0	Generator Manifold	T1	IN	Oil Cooler
2	H5412 0096 0	Return Filter	-	OUT	Oil Cooler
3	H5112 0115 0	Generator Manifold	MAIN	P	Main Manifold
4	H5410 0066 0	Generator Manifold	TM	-	Generator (Return)
5	H5410 0062 0	Generator Manifold	M1	-	Generator (Pressure)
6	H5408 0061 0	Hydraulic Tank	T4	-	Generator (Case Drain)
7	H5410 0039 0	System Pump	-	IN	Pressure Filter
8	H5410 0045 0	Generator Manifold	P1	OUT	Pressure Filter
9	H5110 0053 0	Generator Manifold	P2	-	System Pump
10	H5208 0046 0	Generator Manifold	T1	T1	Main Manifold
B	220218	7.5 kW GENERATOR & OIL COOLER HOSE KIT - SJ51AJ AS S/N & above			
1	H5412 0051 0	Generator Manifold	T1	IN	Oil Cooler
2	H5412 0096 0	Return Filter	-	OUT	Oil Cooler
3	H5208 0050 0	Generator Manifold	MAIN	P	Main Manifold
4	H5410 0025 0	Generator Manifold	TM	-	Generator (Return)
5	H5110 0053 0	Generator Manifold	M1	-	Generator (Pressure)
6	H5108 0065 0	Hydraulic Tank	T4	-	Generator (Case Drain)
7	H5410 0039 0	System Pump	-	IN	Pressure Filter
8	H5410 0045 0	Generator Manifold	P1	OUT	Pressure Filter
9	H5110 0053 0	Generator Manifold	P2	-	System Pump
10	H5112 0125 0	Generator Manifold	T1	T1	Main Manifold
C	213071	7.5 kW GENERATOR & OIL COOLER HOSE KIT - SJ51AJ AS S/N & below			
1	H5412 0036 0	Generator Manifold	T1	IN	Oil Cooler
2	H5412 0096 0	Return Filter	-	OUT	Oil Cooler
3	H5208 0046 0	Generator Manifold	MAIN	P	Main Manifold
4	H5410 0049 0	Generator Manifold	TM	-	Generator (Return)
5	H5110 0053 0	Generator Manifold	M1	-	Generator (Pressure)
6	H5108 0086 0	Hydraulic Tank	T4	-	Generator (Case Drain)
7	H5410 0039 0	System Pump	-	IN	Pressure Filter
8	H5410 0045 0	Generator Manifold	P1	OUT	Pressure Filter
9	H5110 0053 0	Generator Manifold	P2	-	System Pump
10	H5112 0115 0	Generator Manifold	T1	T1	Main Manifold

A - Generator Wire Assembly (Base Control Box)



B - Generator Wire Assembly (Platform Control Box)



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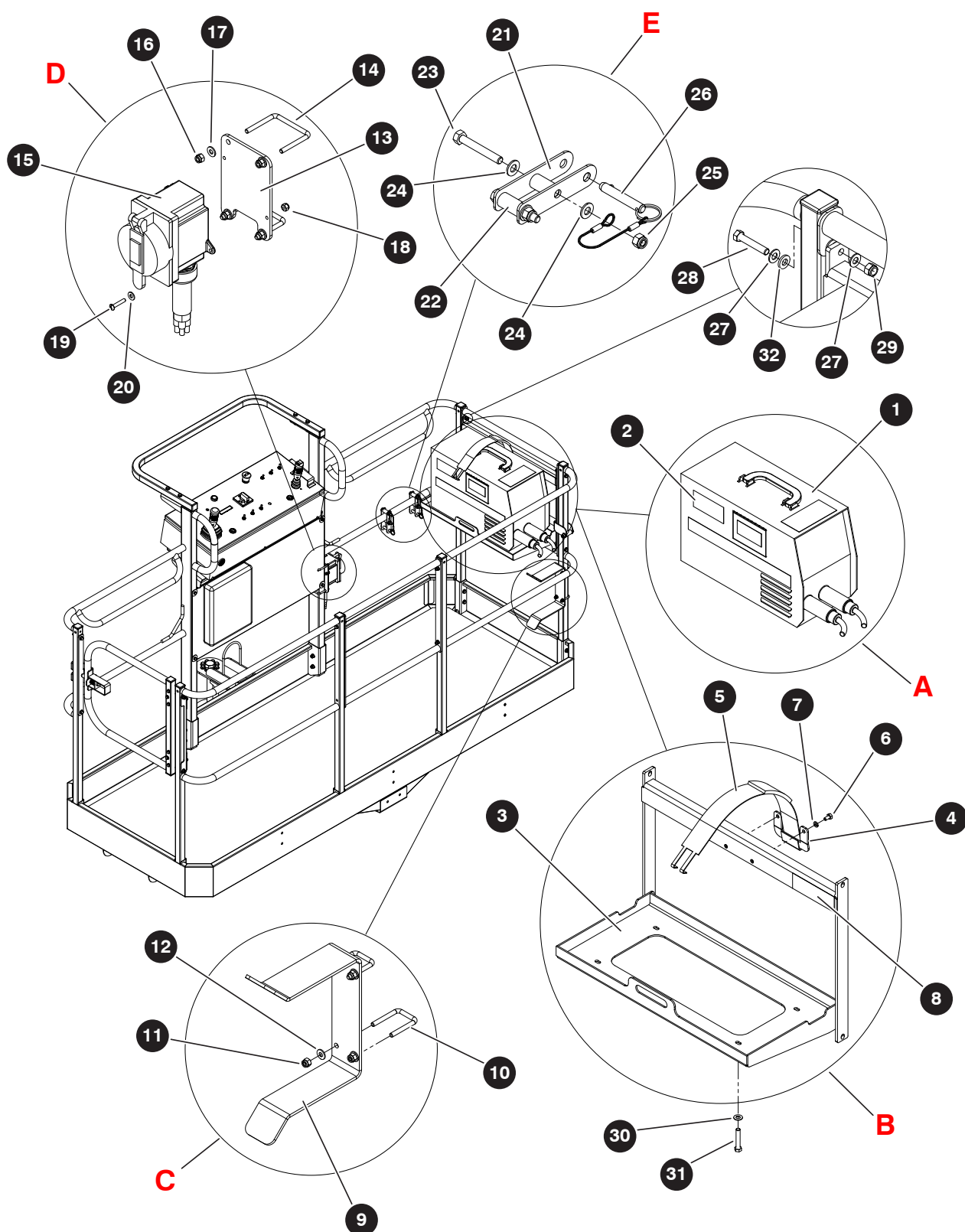
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9.30 Generator Wiring - 7.5 kW and 12 kW

Index No.	Skyjack Part No.	Qty.	Description
A	169999	1	WIRE ASSEMBLY, Generator - base control box - ANSI/CSA & AS
1	116266	1	• CONNECTOR, Strain relief
2	137940	1	• TERMINAL BLOCK, 4 cond through
3	159938	1	• WIRE ASSEMBLY (85)
4	163093	2	• HARNESS, Generator valve
	117597	1	• • PLUG, Connector 2-pin
	117599	1	• • WEDGE, Connector plug 2-pin
	117591	2	• • SOCKET, Connector contact
5	102921	1	• DIODE 6A
6	137944	1	• LABEL, Terminal
7	113085	1	• MARKER, Wire - Brady
B	169581	1	WIRE KIT, Generator - upper control box - ANSI/CSA & AS
-	169587	1	• GENERATOR ANTI-START KIT
7	127131	1	• • RELAY, 12V 40 amp
8	138749	1	• • SOCKET, Relay
9	169477	1	• • WIRE ASSEMBLY (85)
10	169588	1	• • WIRE ASSEMBLY (78/85)
11	169479	1	• • WIRE ASSEMBLY (02)
12	169480	1	• • WIRE ASSEMBLY (57A)
13	169494	1	• • LABEL, Generator anti-start relay 57ACR1
14	137940	1	• • BLOCK, Terminal (4 cond through)
15	137942	1	• • JUMPER, 2-pin
16	144081	1	• WIRE ASSEMBLY, Generator (04)
17	144082	1	• WIRE ASSEMBLY, Generator (04A)
18	115747	1	• SWITCH, Toggle (1NT1-3)
19	144016	1	• SEAL, Toggle switch

9.31 Welder & Mount



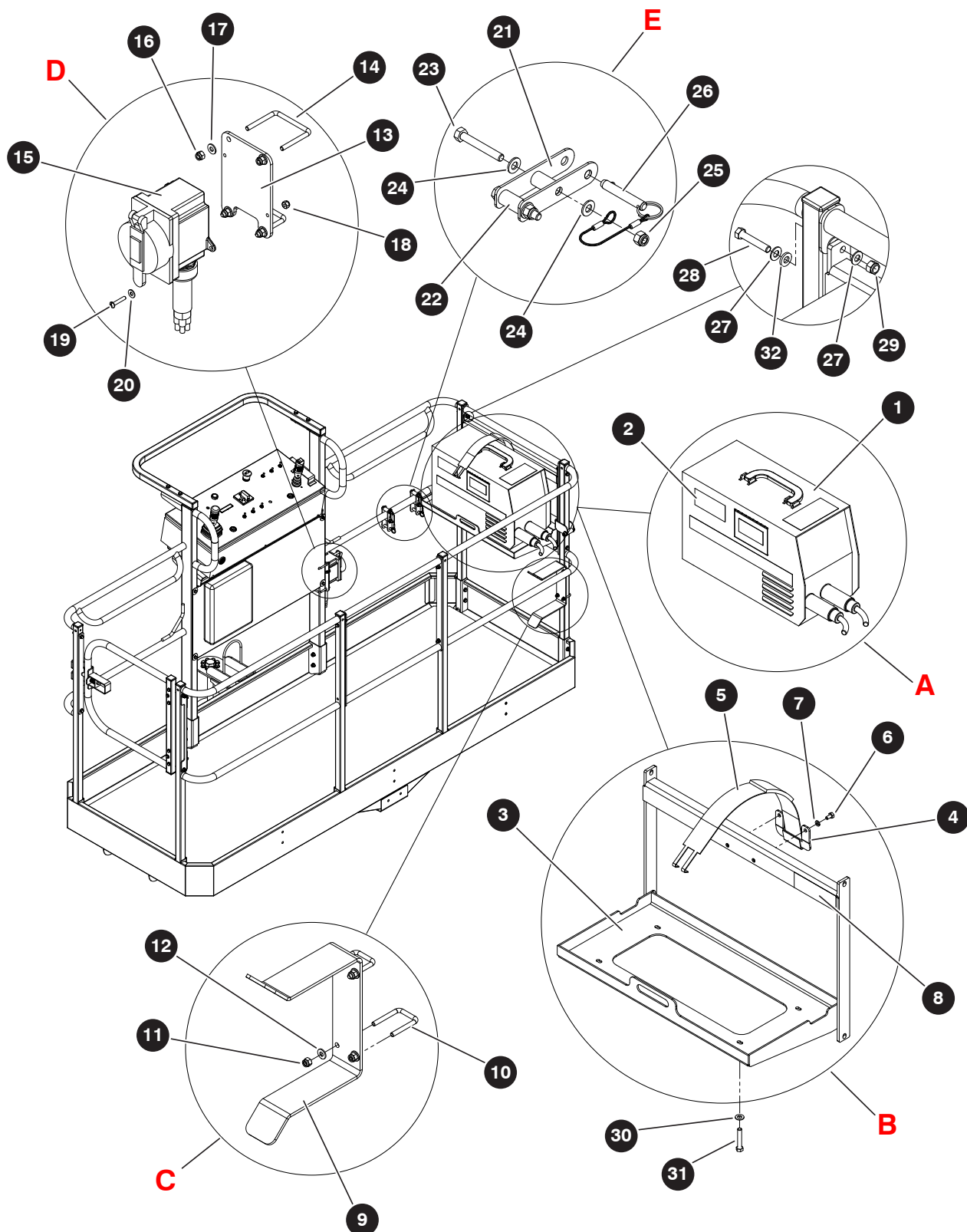
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9.31 Welder & Mount

Index No.	Skyjack Part No.	Qty.	Description
A	148383	1	WELDER ASSEMBLY - ANSI/CSA with 12 kW generator
1	138811	1	• WELDER (275A)
	138813	1	• CABLE, Electrode (14')
	144376	1	• • ELECTRODE HOLDER (400A)
	144573	168"	• • CABLE
	138814	1	• CABLE, Work (14')
	144377	1	• • GROUND CLAMP (400A)
	144573	168"	• • CABLE
	144374	1	• PLUG, Locking (50A / 250V / 3P)
	144603	2	• CLAMP, Cushioned loop (0.875" diameter)
2	147112	1	• LABEL, Welder weight (90 lbs)
-	159917	1	MOUNTING ASSEMBLY, 12kW Welder
B	159948	1	• WELDER TRAY ASSEMBLY
3	159955	1	• • TRAY, Welder
4	137814	1	• • PLATE, Strap
5	103020	1	• • STRAPS (pair)
6	103855	2	• • BOLT, Hex head (1/4"-20 x 0.50", Grade 5)
7	104000	2	• • WASHER, Lock (1/4")
8	147112	1	• • LABEL, Welder weight (90 lbs)
C	144218	1	• BRACKET ASSEMBLY
9	144220	1	• • BRACKET, Welding cables
10	144219	2	• • U BOLT, Welder bracket
11	115649	4	• • NUT, Hex lock (1/4"-20 Grade 5, nylon)
12	103995	4	• • WASHER, Flat (1/4")
D	144221	1	• RECEPTACLE ASSEMBLY
13	144222	1	• • PLATE, Receptacle mounting
14	144223	2	• • U BOLT, Receptacle mounting
15	141614	1	• • ELECTRICAL COMPONENTS ASSEMBLY
	139835	1	• • • FD BOX, 50A Receptacle
	139832	1	• • • RECEPTACLE, Single locking
	139836	1	• • • COVER, Weather resistant
	144367	1	• • • STRAIN RELIEF, 1-18" straight
16	115649	4	• • NUT, Hex lock (1/4"-20 Grade 5, nylon)
17	103995	4	• • WASHER, Flat (1/4")
18	300450	2	• • NUT, Hex lock (#10-32 Grade 5, nylon)
19	105621	2	• • SCREW, Round head machine (#10-32 x 1")
20	104694	2	• • WASHER, Flat (#10)

9.31 Welder & Mount



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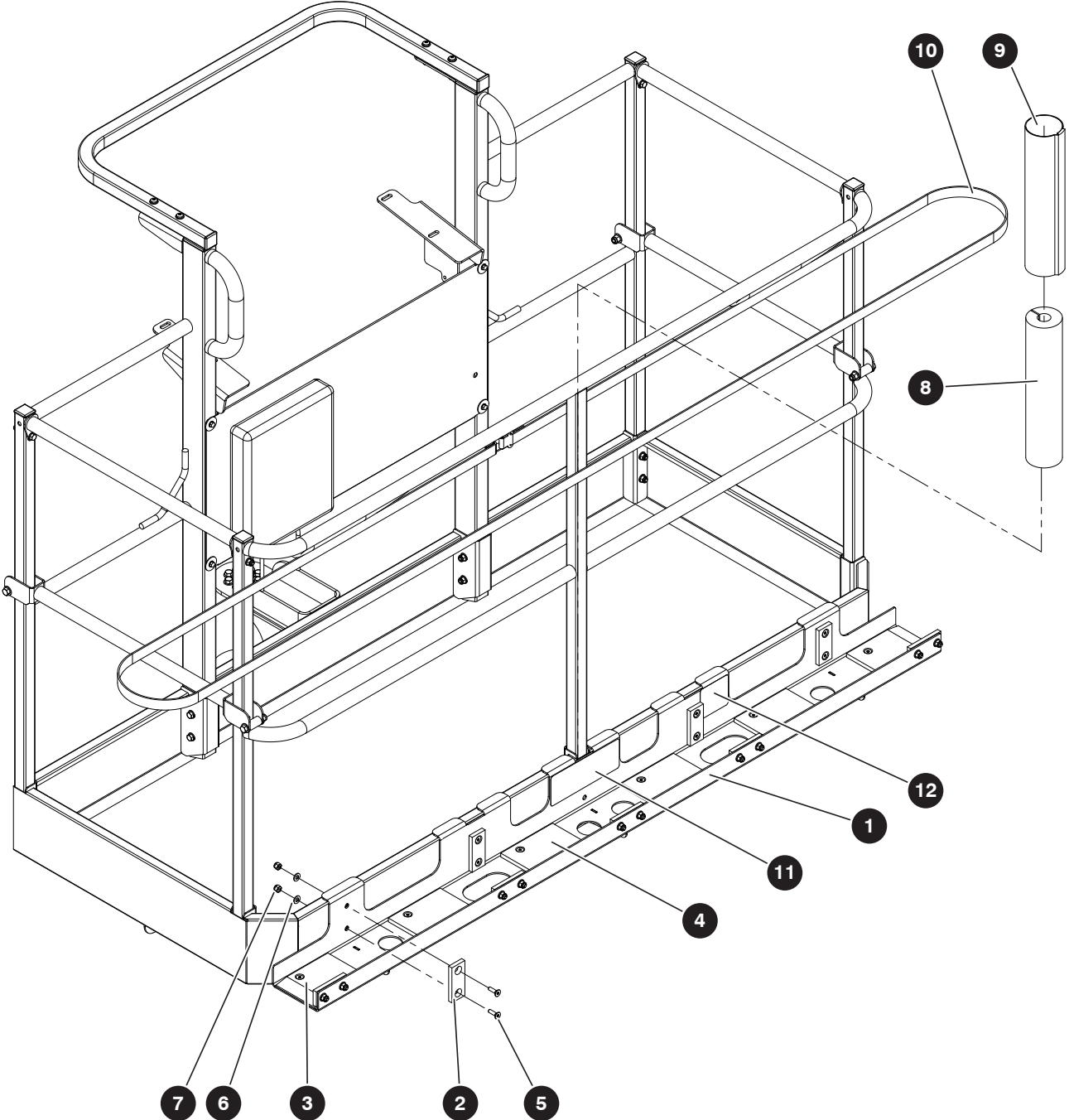
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
E	168530	2	• HANGER ASSEMBLY
21	169160	2	• • BRACKET, Welder cable
22	159947	2	• • SPACER, Welder tray
23	103866	2	• • BOLT, Hex head (5/16"-18 x 2 1/4 Grade 5)
24	103996	4	• • WASHER, Flat (5/16")
25	103984	2	• • NUT, Hex lock nylon lock (5/16"-18 Grade 5)
26	124548	1	• • PIN, Quick release
27	103996	8	• WASHER, Flat (5/16")
28	103884	4	• BOLT, Hex head (5/16"-18 x 2.50", Grade 5)
29	103984	4	• NUT, Hex head nylon lock (5/16"-18, Grade 5)
30	103995	4	• WASHER, Flat (1/4")
31	103857	4	• BOLT, Hex head (1/4"-20 x 1.00" Grade 5)
32	159960	2	• SPACER, Nylon (0.403" ID x 0.75" OD, x 0.312" long) (drop bar entrance)
	168336	2	• SPACER, Nylon (0.394" ID x 0.75" OD, x 0.125" long)



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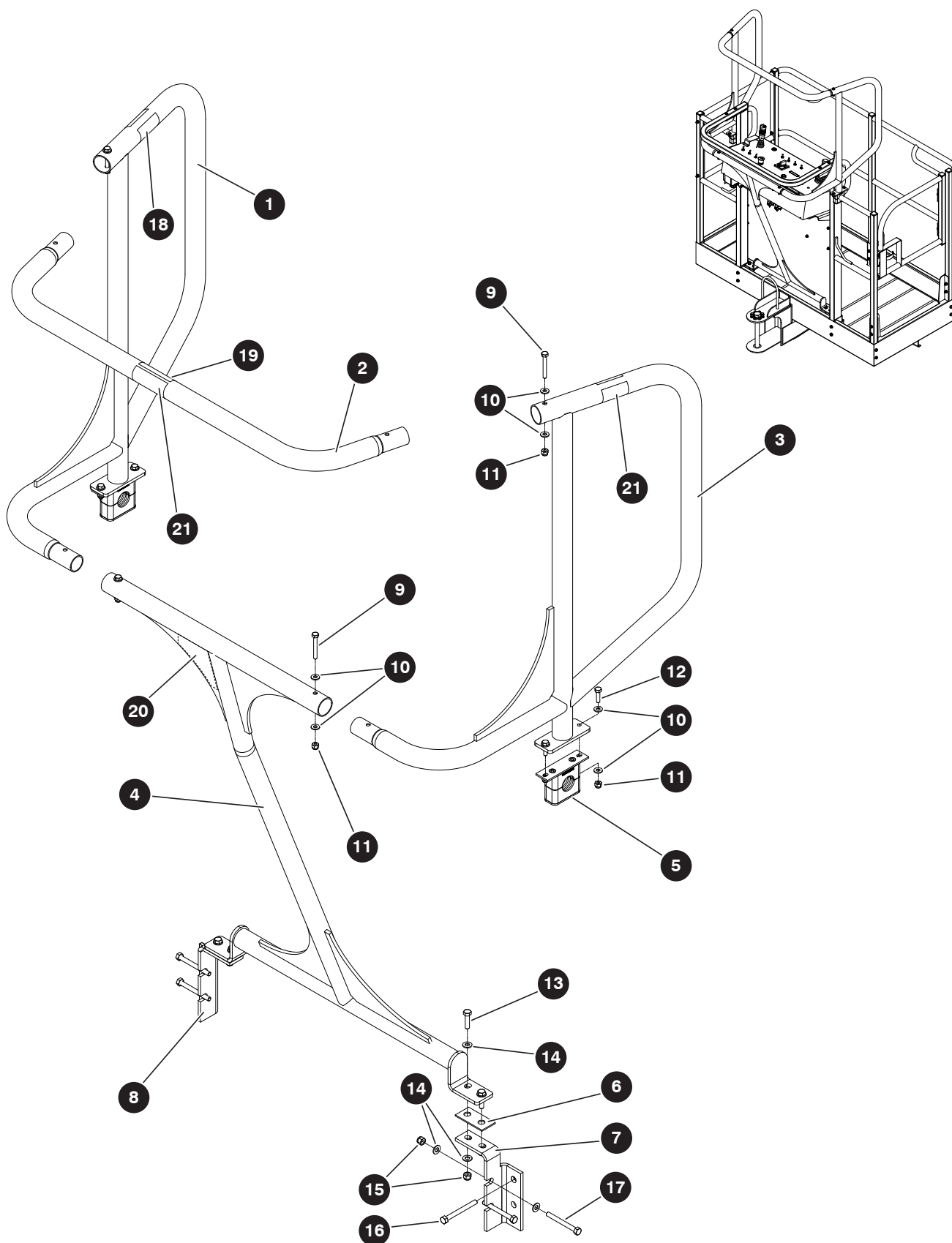
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	169156	1	GLAZIER FIELD KIT
-	169157	1	• GLAZIER PACKAGE ASSEMBLY
-	169158	1	• • GLAZIER TRAY ASSEMBLY
1	154402	1	• • • TRAY WELDMENT, Glazier
2	154401	9	• • • PAD, Side tray
3	154399	2	• • • PAD, End tray
4	154400	4	• • • PAD, In tray
5	162116	30	• • • BOLT, Flat head cap screw (5/16"-18 x 1.00", Grade 5)
6	103996	30	• • • WASHER, Flat (5/16")
7	103984	30	• • • NUT, Hex head nylon lock (5/16-18, Grade 5)
8	144491	1	• • FOAM, Support
9	144604	1	• • COVER, Bumper
10	144613	1	• • STRAP, Glazier kit
11	172630	1	• • LABEL, Panel cradle capacity
12	171238	1	• • LABEL, Panel option weight
13	162026	1	• INSTRUCTION, Glazier package operation and installation (not shown)

9.33 SGM



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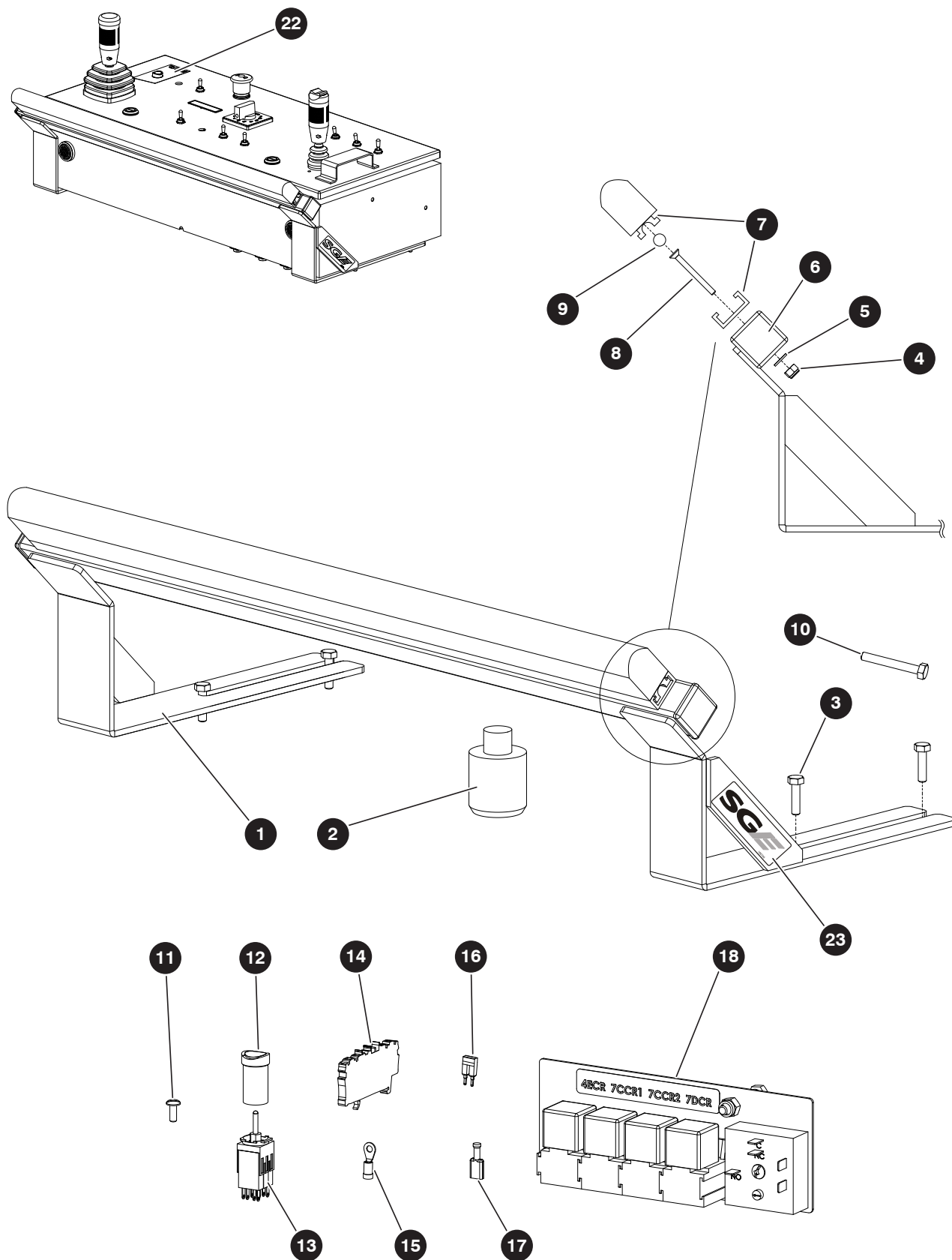
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SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	165945	1	SGM ASSEMBLY (Secondary Guarding - Mechanical)
-	166585	1	• SGM ASSEMBLY
1	166587	1	• • WELDMENT, Structure, RH
2	166589	1	• • TUBE
3	166586	1	• • WELDMENT, Structure LH
4	166588	1	• • WELDMENT, Structure, Mid
5	166708	2	• • PIPE CLAMP KIT, 1.25" O.D. tube
6	166603	8	• • SHIM (0.063")
7	166599	1	• • BRACKET, Base, mount, LH
8	166600	1	• • BRACKET, Base, mount, RH
9	103861	4	• • BOLT, Hex head (1/4"-20 x 2.00", Grade 5)
10	103995	16	• • WASHER, Flat (1/4")
11	115649	8	• • NUT, Hex head nylon lock (1/4"-20, Grade 5)
12	103857	4	• • BOLT, Hex head (1/4"-20 x 1.00", Grade 5)
13	112532	4	• • BOLT, Hex head (5/16"-18 x 1.25", Grade 5)
14	166164	16	• • WASHER, Flat (5/16" USS)
15	103984	8	• • NUT, Hex head nylon lock (5/16"-18, Grade 5)
16	103868	4	• • BOLT, Hex head (5/16"-18 x 3.50", Grade 5)
17	166829	4	• • BOLT, Hex head (5/16"-18 x 2.75", Grade 5)
-	166817	1	• LABEL ASSEMBLY SGM
18	137988	2	• • LABEL, Crush/pinch hazard
19	166790	1	• • LABEL, Capacity reduction SGM (small)
20	166811	1	• • LABEL, Capacity reduction SGM
21	166808	3	• • LABEL, SGM (black/grey)
-	165946	1	• INSTALLATION INSTRUCTION, SGM (not shown)

9.34 SGE

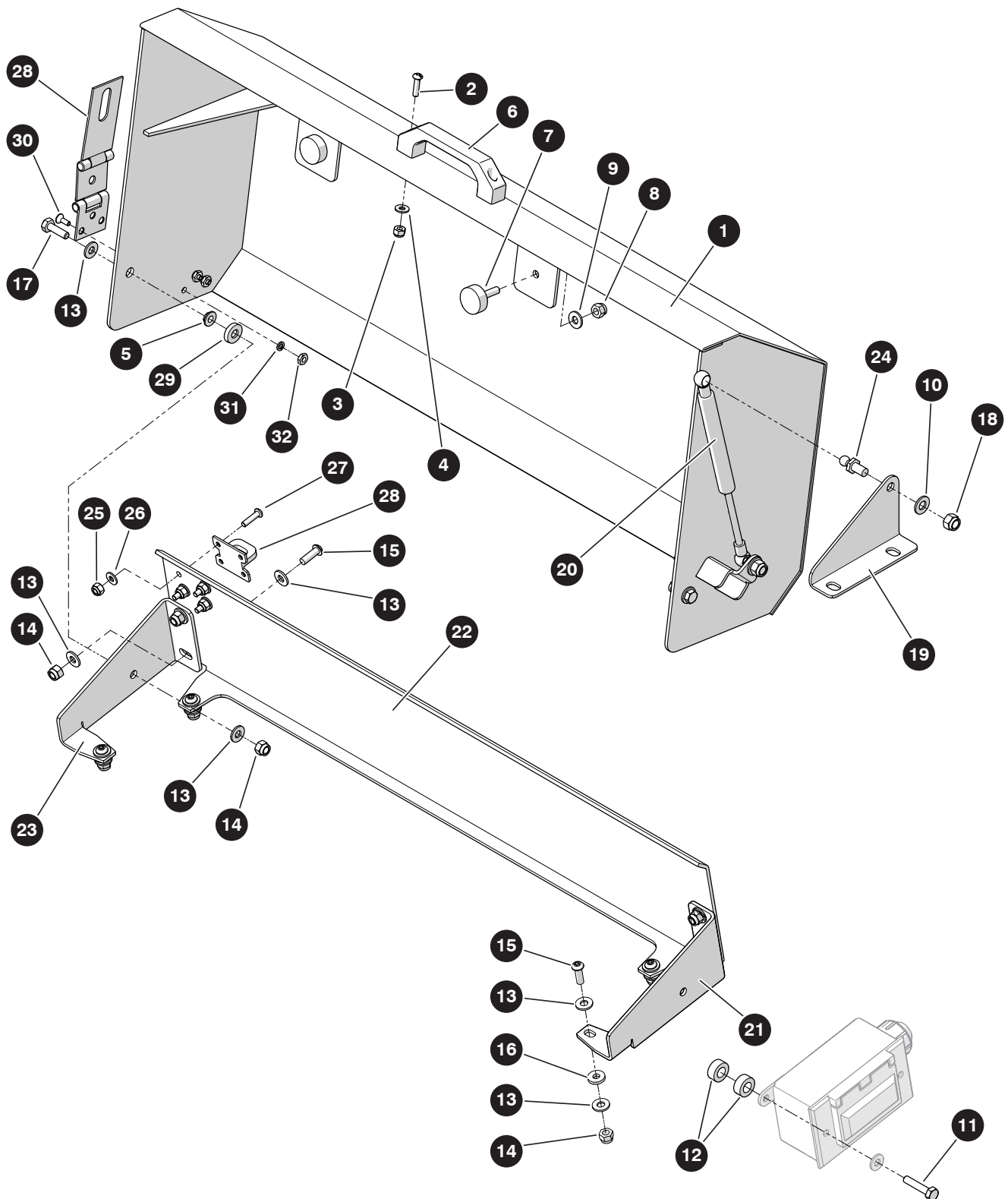


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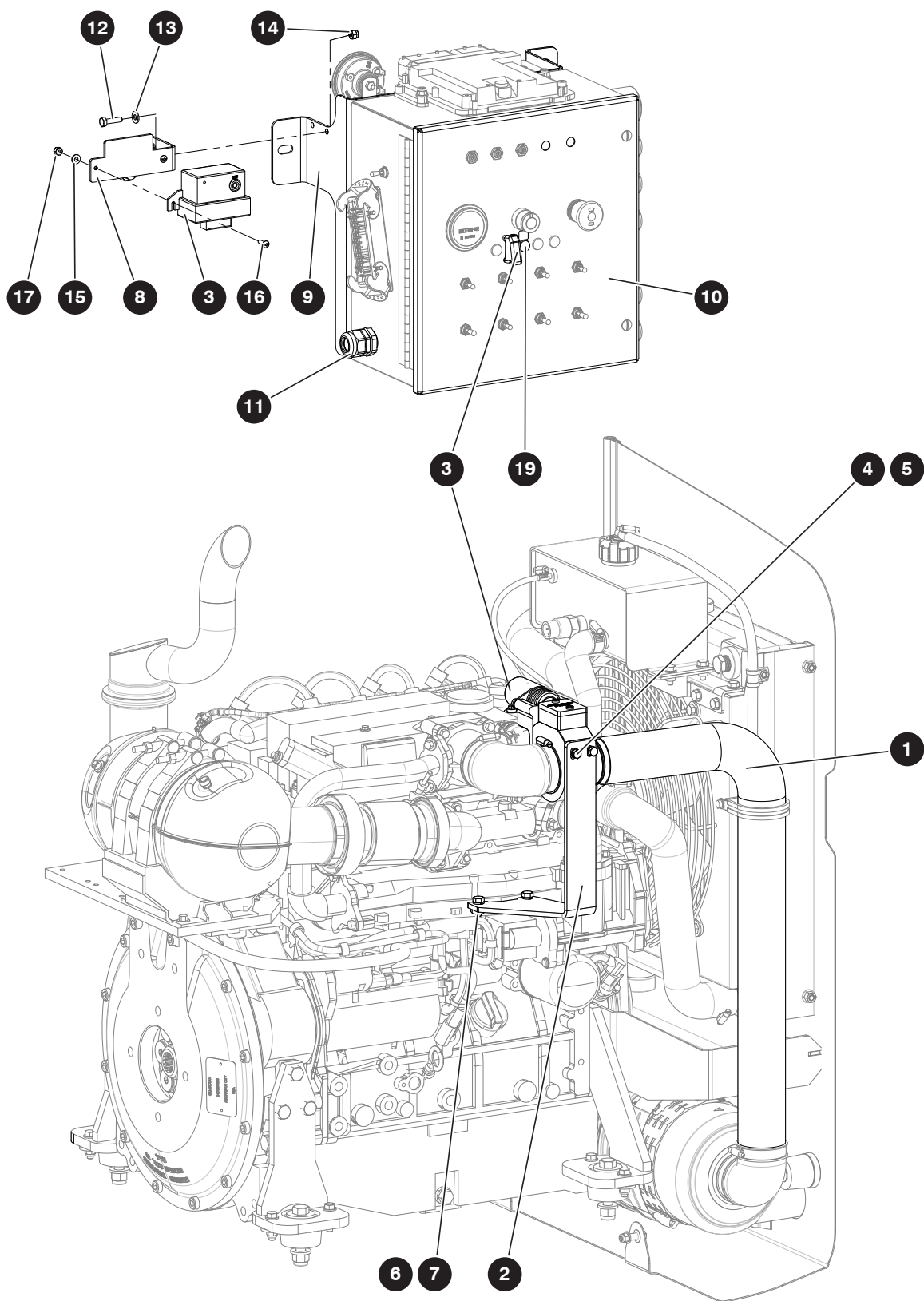
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Index No.	Skyjack Part No.	Qty.	Description
-	166232	1	SGE ASSEMBLY (Secondary Guarding - Electrical)
-	166106	1	SGE ASSEMBLY
1	166101	1	• SUPPORT ASSEMBLY, Sensing edge
2	166110	1	• ALARM/FLASHER, 12V, red LED
3	103857	4	• BOLT, Hex head (1/4"-20 x 1.00, Grade 5)
4	300450	3	• NUT, Hex head nylon lock (10-32, Grade 5)
5	104694	3	• WASHER, Flat (#10)
6	100702	2	• CAP, Plastic End
7	166107	1	• EDGE, Sensing with countersunk rail
8	166105	3	• BOLT, Flat head cap screw (10-32 x 1.75". Grade 5)
9	166104	1	• ROD, Sensing edge lock
10	103861	2	• BOLT, Hex head (1/4"-20 x 2.00, Grade 5) (ANSI/CSA)
11	167218	1	• SCREW, Machine slotted binding head (6-32 x 0.25")
-	166085	1	• ELECTRICAL ASSEMBLY, SGE
12	166087	1	• • PUSH BUTTON OPERATOR, Yellow flush spring return
13	166086	1	• • CONTACT BLOCK BODY, N/O, yellow LED 12-24V
14	137940	4	• • BLOCK, Terminal
15	102955	1	• • TERMINAL, Ring 14-16GA, #6 blue
16	137942	2	• • JUMPER, 2 pin
17	105359	2	• • TERMINAL, Female spade 14-16GA, insulated blue
18	166018	1	• • RELAY ASSEMBLY
	166112	1	• • • PLATE, Relay mounting
	138749	4	• • • SOCKET, Automotive relay
	164683	1	• • • TIMER, Delay on make 0.1-10.0 s
	127131	4	• • • RELAY
	163241	2	• • • SPACER
	103860	2	• • • BOLT, Hex head (0.25-20" x 1.75", Grade 5)
	115649	2	• • • NUT, Hex head nylon lock (0.25"-20, Grade 5)
	104003	3	• • • NUT, Hex head (10-32)
	115545	2	• • • SCREW, Socket head cap (10-32 x 0.375")
	105621	1	• • • SCREW, Round head machine (10-32 x 1.00")
	166026	1	• • • LABEL, Relay - secondary guarding
19	166032	1	• • WIRE ASSEMBLY, SGE (not shown)
20	166786	1	• • WIRE KIT, SGE Base control (not shown)
21	113719	8	• • TIEWRAP, 3-5/8" long black (not shown)
22	166113	1	• LABEL, SGE (reset button)
23	166756	2	• LABEL, SGE
-	167257	1	INSTALLATION INSTRUCTIONS, SGE (not shown) (ANSI/CSA)
-	165063	1	INSTALLATION INSTRUCTIONS, SGE (not shown) (CE & AS)



Index No.	Skyjack Part No.	Qty.	Description
-	216918	1	CONTROL BOX COVER
-	216917	1	• COVER ASSEMBLY, Control box
1	216919	1	• • COVER, Control box
2	104698	2	• • SCREW, Round machine (#10-32 x 1")
3	300450	2	• • NUT, Hex lock (#10-32 Grade 5, nylon)
4	104694	2	• • WASHER, Flat (#10)
5	154305	2	• • BUSHING, Flanged (0.25" ID x 0.1875")
6	137653	1	• • HANDLE, Pull
7	144015	2	• • MOUNT, Anti-vibration
8	115649	2	• • NUT, Hex lock (0.25"-20 Grade 5, nylon)
9	103995	2	• • WASHER, Flat (0.25")
10	103996	2	• WASHER, Flat (0.3125")
11	103858	2	• BOLT, Hex head (0.25"-20 x 1.25" Grade 5)
12	159960	4	• SPACER, (0.75" OD)
13	103995	16	• WASHER, Flat (0.25")
14	115649	10	• NUT, Hex lock (0.25"-20 Grade 5, nylon)
15	139168	8	• SCREW, Button head cap (0.25"-20 x 0.75")
16	159956	4	• WASHER, Rubber (0.25")
17	103891	2	• BOLT, Hex head (0.25"-20 x 0.875" Grade 5)
18	103984	2	• NUT, Hex lock (0.3125"-18 Grade 5, nylon)
19	154323	1	• BRACKET, Gas spring
20	162101	1	• GAS SPRING, Control box cover
21	162048	1	• PLATE, Right side cover
22	216921	1	• PLATE, Back cover
23	162049	1	• PLATE, Left side cover
24	162123	2	• STUD, Ball (10 mm x 0.54")
25	300450	4	• NUT, Hex head nylon lock (10-32, Grade 5)
26	104694	4	• WASHER, Flat (10)
27	104698	4	• SCREW, Round head machine (10-32 x 0.75")
28	216675	1	• HASP, Double hinge (3.25")
29	168336	3	• SPACER, Nylon (0.394" ID x 0.75" OD x 0.125" long)
30	124031	3	• SCREW, Flat head (10-32 x 0.50")
31	104185	3	• WASHER, Lock (10)
32	104003	3	• NUT, Hex (10-32)
33	162032	1	• INSTRUCTION, Control box cover installation (not shown)

9.36 Positive Air Shutoff - Deutz D2.9L



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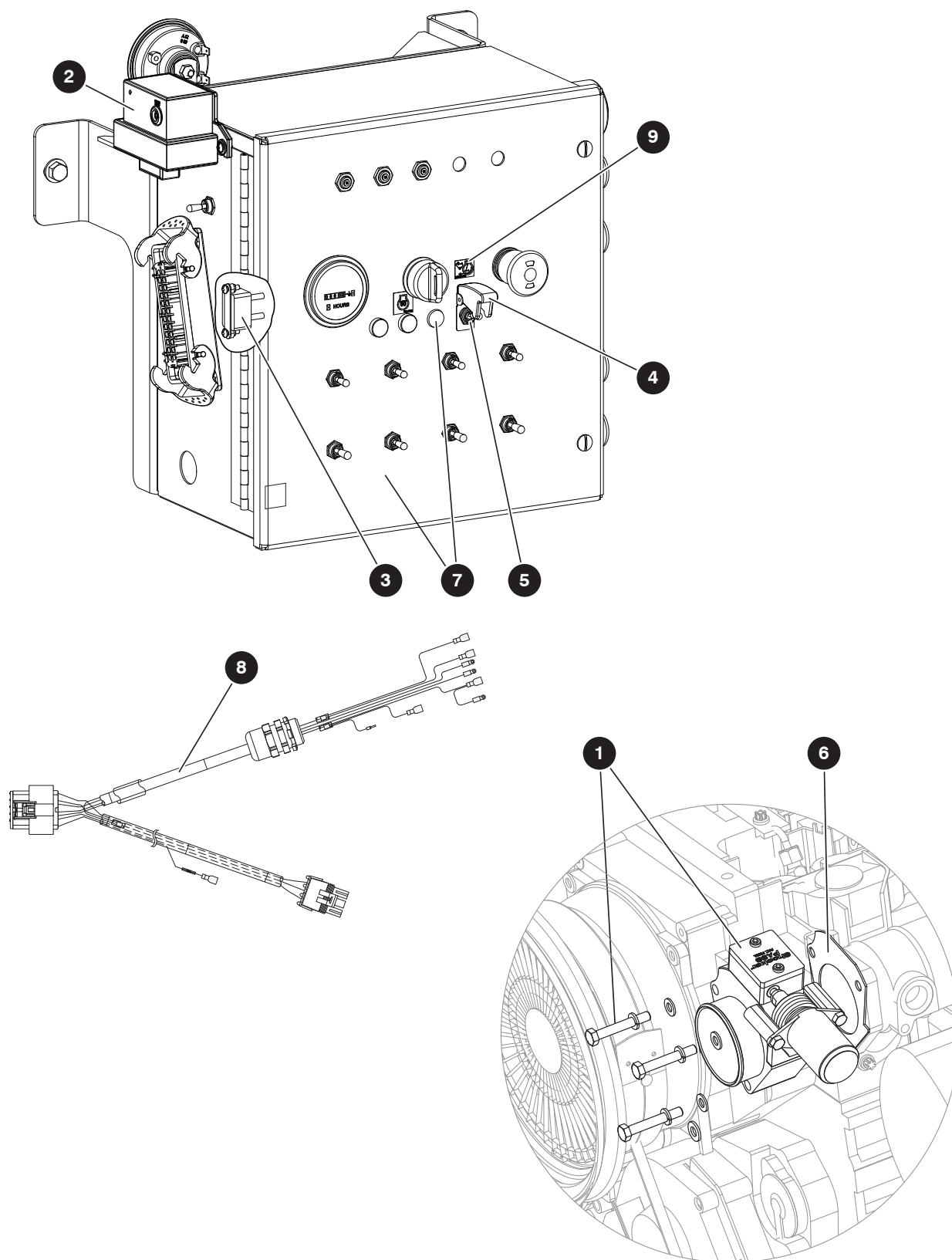
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SKYJACK

9.36 Positive Air Shutoff - Deutz D2.9L

Index No.	Skyjack Part No.	Qty.	Description
-	169645	1	POSITIVE AIR SHUTOFF VALVE - Deutz D2.9L
-	169648	1	• ENGINE MODIFICATION - DEUTZ D2.9L
-	169649	1	• • MODIFICATION, Intake assembly
1	169650	1	• • • TUBE, Intake (modified)
2	169647	1	• • HOLDER, positive air shutoff
3	169646	1	• • PASS 2500, D2.9L
	115574	1	• • • SWITCH, Toggle (1NT1-2)
4	103856	2	• • BOLT, Hex head (0.25"-20 x 0.75", grade 5)
5	104000	2	• • WASHER, Lock (0.25")
6	116218	2	• • WASHER, Lock (M8 plated DIN 127B)
7	133174	2	• • BOLT, Hex head (M8 x 1.25 x 20mm, grade 5)
-	169651	1	• BASE CONTROLS MODIFICATION - D2.9L
8	169652	1	• • HOLDER, RL5- positive air option
9	169660	1	• • MODIFICATION, Lower control box mount
10	169653	1	• • MODIFICATION, Lower control box door
11	116266	1	• • CONNECTOR, Strain relief (PG21)
12	103857	2	• • BOLT, Hex head (0.25"-20 x 1.00", grade 5)
13	103995	2	• • WASHER, Flat (0.25")
14	115649	2	• • NUT, Hex head nylon lock (0.25"-20, grade 5)
15	104694	2	• • WASHER, Flat (#10)
16	120094	2	• • SCREW, Round head machine (10-32 x 0.625")
17	300450	2	• • NUT, Hex head nylon lock (10-32, grade 5)
18	169654	1	• • WIRING ASSEMBLY, PASV (not shown)
	169655	1	• • • HARNESS, PASV Deutz T4
	127131	1	• • • • RELAY, 12V 40 amp
	138749	1	• • • • SOCKET, Relay
	156114	1	• • • • CONNECTOR, 3F W/P
19	164832	1	• • • • LIGHT, Indicator 12V red
	169656	1	• • • HARNESS, PASV Secondary
	169657	1	• • • HARNESS, PASV Ground
	169658	1	• • • HARNESS, PASV RMP source
20	169923	1	• • LABEL, Positive air shutoff



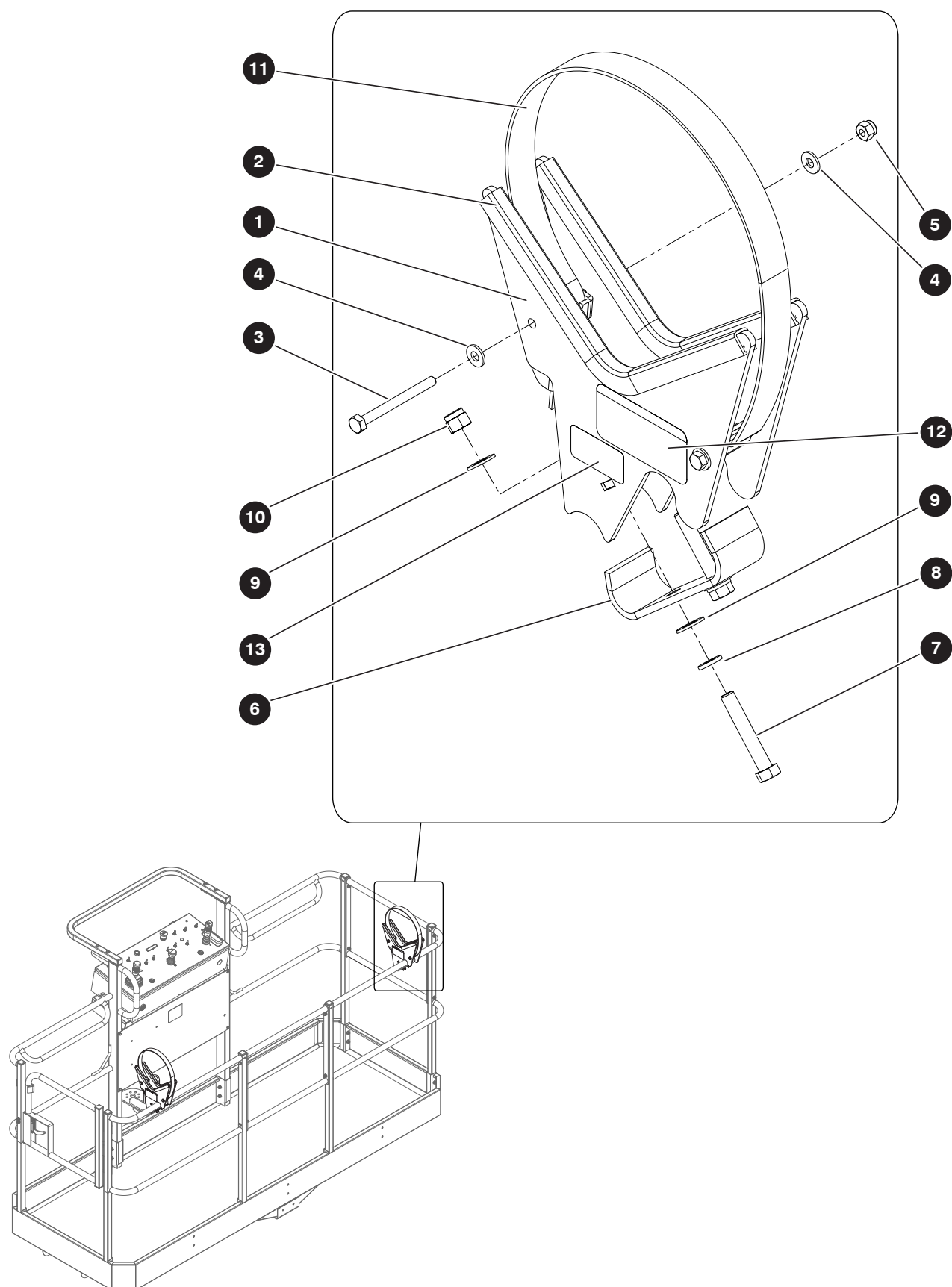
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9.37 Positive Air Shutoff - Deutz D2011

Index No.	Skyjack Part No.	Qty.	Description
-	195417	1	POSITIVE AIR SHUTOFF INSTALLATION - Deutz D2011
1	195326	1	• VALVE, PASO
2	171821	1	• LIMITER, Automatic rev
3	171899	1	• BREAKER, Circuit - automatic
4	171826	1	• COVER, Toggle safety (red)
5	115574	1	• SWITCH, Toggle (1NT1-2)
6	195379	1	• GASKET, PASO - Deutz D2011
7	(Ref.)	1	BASE CONTROLS with Positive Air Shut-Off Option - Deutz D2011 (For components, refer to 4.20 Base Control Box - Deutz D2011, GM & Kubota)
8	195144	1	• HARNESS, Positive air shutoff
9	169923	1	• LABEL, Positive air shutoff



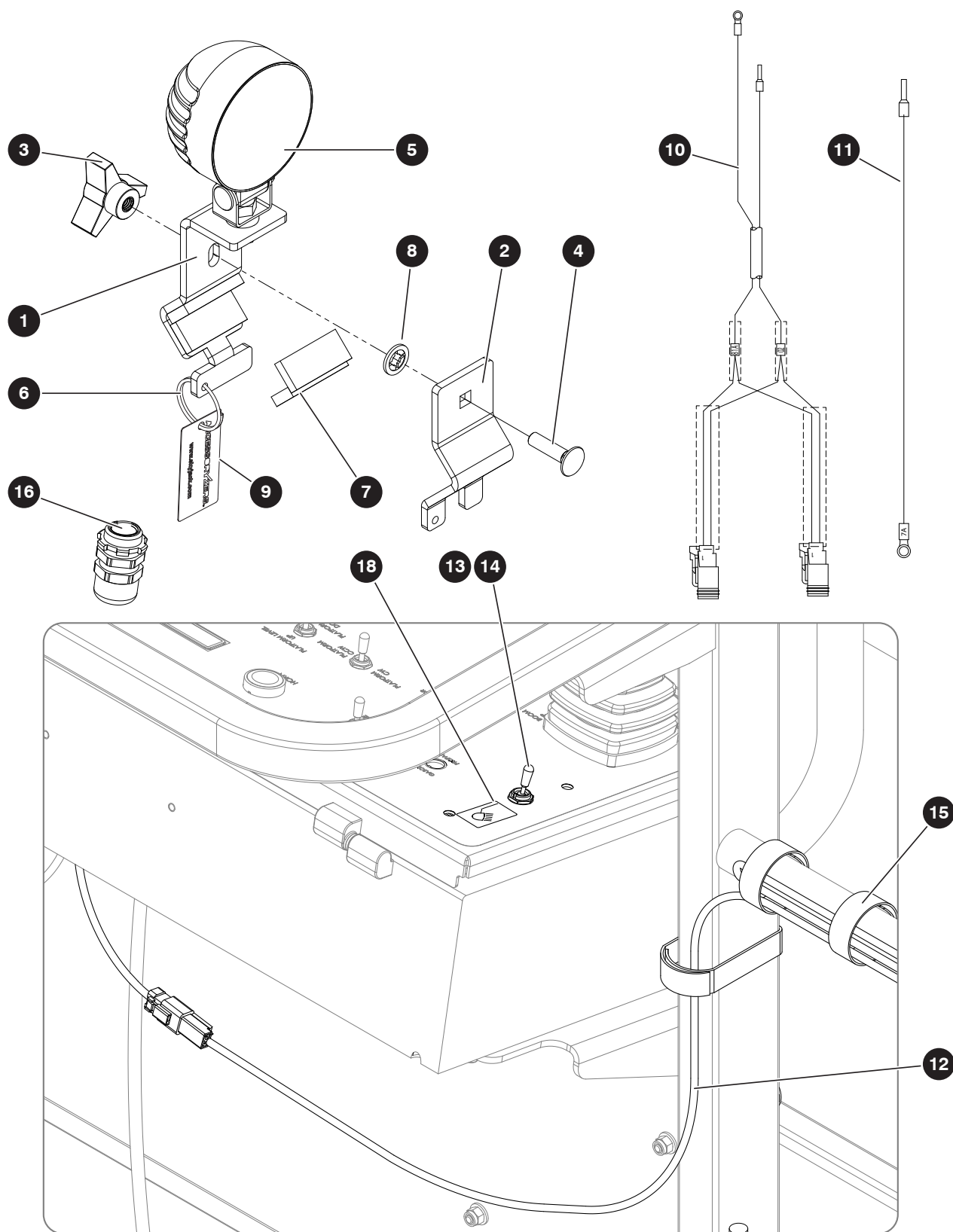
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9.38 Pipe Rack

Index No.	Skyjack Part No.	Qty.	Description
-	148559	1	PIPE RACK
-	149112	1	• PIPE RACK ASSEMBLY
1	144495	1	• • WELDMENT, PIPE RACK
2	117398	48"	• • TRIM, Protective
3	144501	4	• • BOLT, Hex head (0.25"-20 x 2.75", Grade 5)
4	103995	8	• • WASHER, Flat (0.25")
5	115649	4	• • NUT, Hex head nylon lock (0.25"-20, Grade 5)
6	144499	2	• • PLATE, Pipe rack bottom
7	103872	4	• • BOLT, Hex head (0.375"-16 x 2.25", Grade 5)
8	103999	4	• • WASHER, Lock (0.375")
9	103472	4	• • WASHER, Flat (0.375")
10	104606	2	• • NUT, Hex head nylon lock (0.375"-16)
11	144500	2	• • STRAP, Pipe rack
12	172383	2	• • LABEL, Pipe rack capacity
13	171239	2	• • LABEL, Capacity reduction
14	162725	1	• INSTRUCTION, Pipe rack installation (not shown)

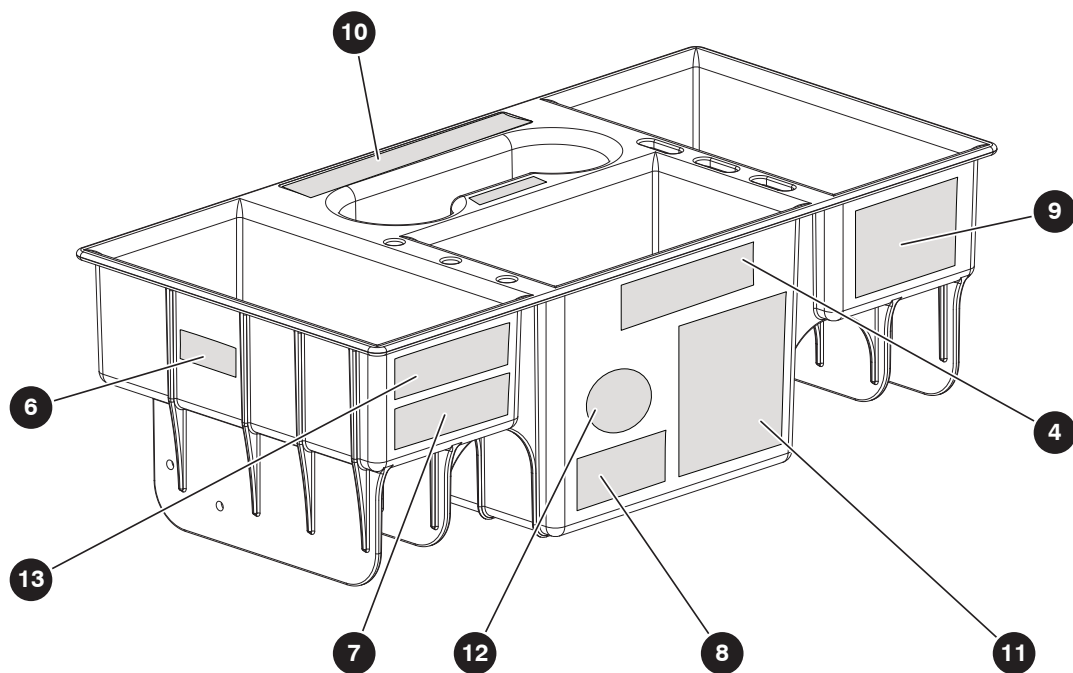
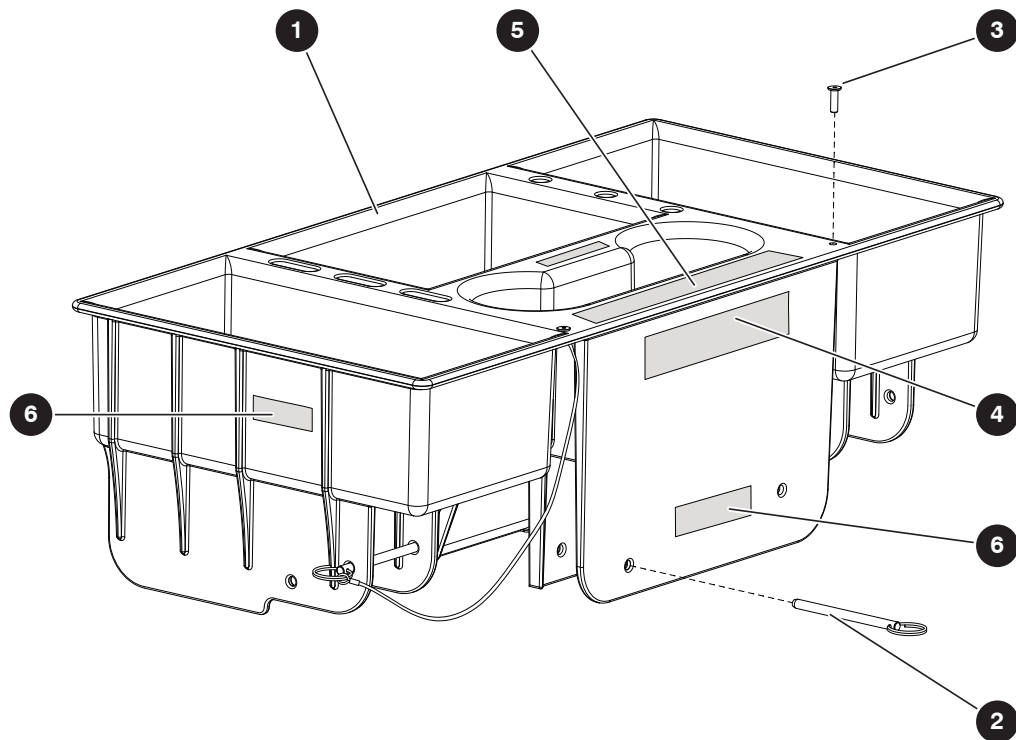


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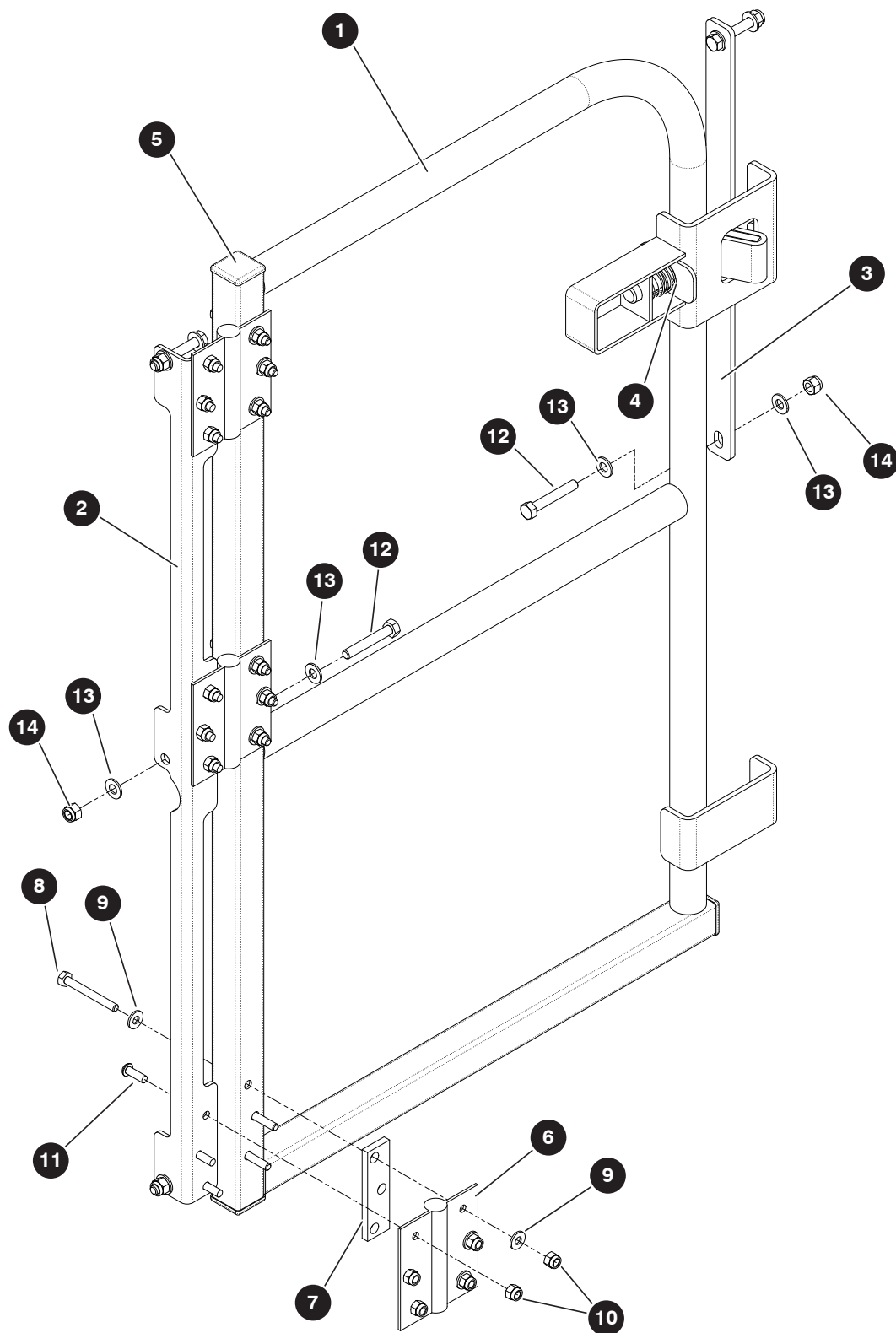
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Index No.	Skyjack Part No.	Qty.	Description
-	207504	1	PLATFORM WORK LIGHTS FIELD KIT
-	165134	1	• WORK LIGHTS ASSEMBLY
-	208789	1	• • WORK LIGHTS ASSEMBLY
1	207672	2	• • • BRACKET, Inner - work light
2	207669	2	• • • BRACKET, Outer - work light
3	169005	2	• • • KNOB, Three arm (0.3125" threaded insert)
4	106049	2	• • • BOLT, Carriage (0.3125"-18 x 1.25" gr 5)
5	171888	2	• • • LAMP, Work
6	160320	2	• • • RING, Retaining
7	103628	14"	• • • RUBBER, Self seal
8	208790	2	• • • WASHER, Self-retaining
9	208935	2	• • • TAG, Accessoryzers
-	169002	1	• • WORK LIGHT ELECTRICAL ASSEMBLY
10	168634	1	• • • WIRE ASSEMBLY, Work light (toggle to e-stop and harness)
11	168635	1	• • • WIRE ASSEMBLY, Work light (terminal block to harness)
12	168637	2	• • • HARNESS, Work light
13	115574	1	• • • SWITCH, Toggle (1NT1-2)
14	144016	1	• • • SEAL, Toggle switch
15	149599	10	• • • TIE, Cable - velcro
16	103036	1	• • • CONNECTOR, Strain relief
17	168636	1	• • • WIRING DIAGRAM, Work light (not shown)
18	172305	1	• LABEL, Work light
19	208829	1	• INSTALLATION INSTRUCTION, Work lights (not shown)



Index No.	Skyjack Part No.	Qty.	Description
-	211271	1	TOOL CADDY KIT
-	204334	1	• TOOL CADDY ASSEMBLY
1	198945	1	• • TOOL CADDY TRAY, Plastic (Std)
2	198965	2	• • PIN, Quick release 1/4x3.2 LG with Lanyard
3	116161	2	• • RIVET, Pop (0.1875" x 0.565")
4	172293	2	• • LABEL, Skyjack logo, 5" white
5	172294	1	• • LABEL, Skyjack logo, 3" white
6	168421	3	• • LABEL, Lock pin in place
7	172245	1	• • LABEL, Tool caddy weight
8	172246	1	• • LABEL, Tool caddy pin location
9	172247	1	• • LABEL, Tool caddy location
10	172292	1	• • LABEL, Accessoryzers, 8" white
11	172298	1	• • LABEL, Tool caddy models serial numbers
12	172299	1	• • LABEL, Do not block exit/entrance
13	172297	1	• • LABEL, Drive slowly when tool caddy is installed
14	204306	1	• INSTRUCTIONS, Tool caddy installation (not shown)

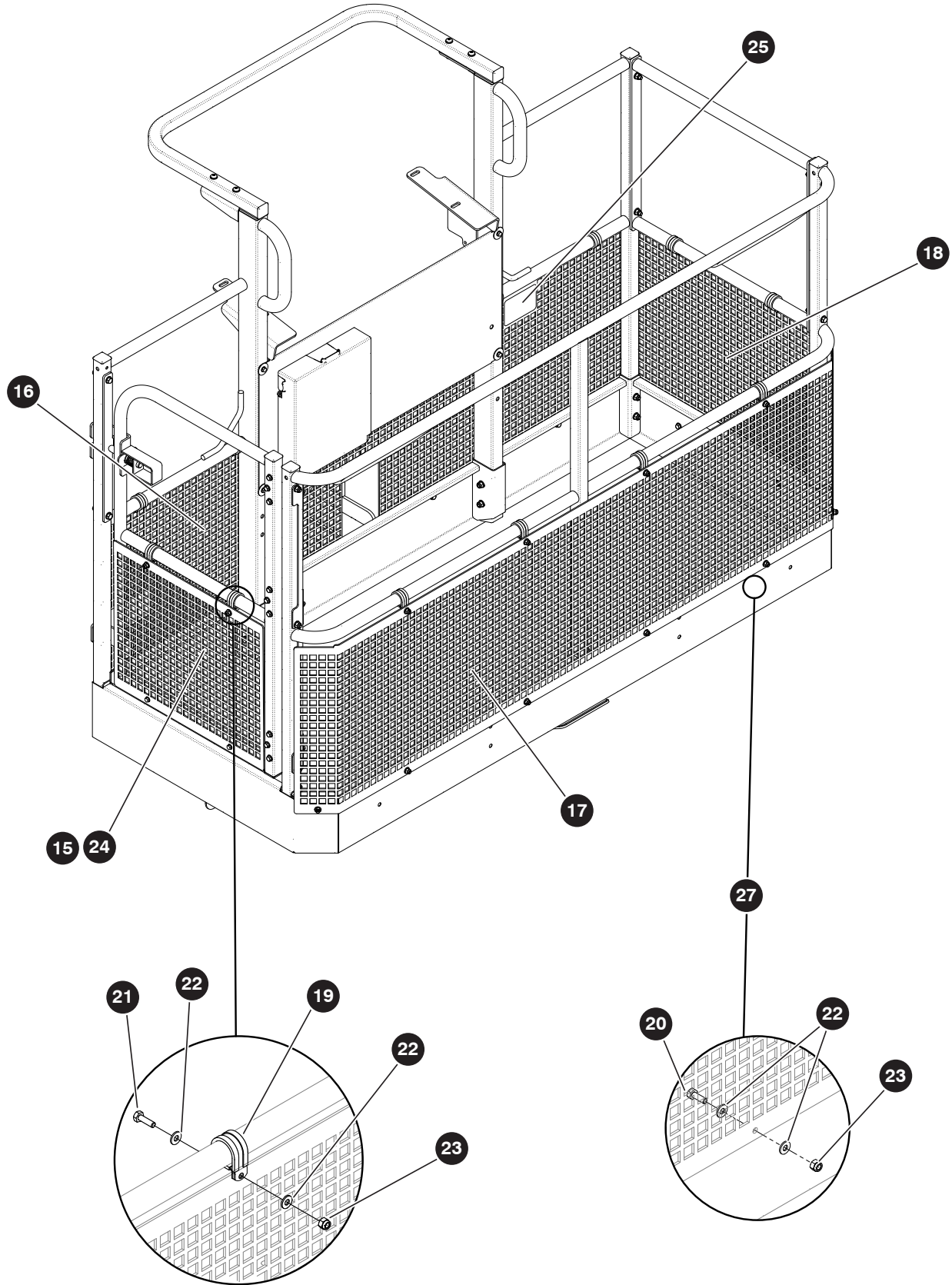


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Index No.	Skyjack Part No.	Qty.	Description
A	211779	1	• HALF HEIGHT MESH KIT for 6' / 1.83 m Side Entry Platform
B	211780	1	• HALF HEIGHT MESH KIT for 5' / 2.44 m Side Entry Platform
-	211364	1	• MESH ASSEMBLY, Side entry 6' / 2.44 m platform, A
-	211211	1	• MESH ASSEMBLY, Side entry 5' / 2.44 m platform, B
-	211359	1	• • FULL SWING GATE
1	209032	1	• • • GATE, Swing - full
2	211375	1	• • • BRACKET, Mounting - hinge
3	166287	1	• • • PLATE, Locking
4	110824	1	• • • LATCH, Pin - door spring
	105312	1	• • • • BED, Latch
	109377	1	• • • • PIN, Latch (0.625" x 4.187")
	105307	1	• • • • HANDLE, Latch
	103107	1	• • • • SPRING, Compression
	100950		• • • • PIN, Spring (0.125" x 1.00")
5	100702	3	• • • PLUG, Tube (1.25" x 1.25")
6	209527	3	• • • HINGE, Spring
7	164592	3	• • • TAB, Hinge
8	103862	9	• • • BOLT, Hex head (0.25"-20 x 2.25" gr 5)
9	103995	18	• • • WASHER, Flat (0.25")
10	115649	18	• • • NUT, Lock (0.25"-20 gr 5 nylon)
11	139168	9	• • • BOLT, Button head cap screw (0.25"-20 x 0.75")
12	103865	5	• • • BOLT, Hex head (0.312"-18 x 2.00" gr 5)
13	103996	10	• • • WASHER, Flat (0.312")
14	103984	5	• • • NUT, Lock (0.313"-18 gr 5 nylon)
			Parts list continued on the next page.

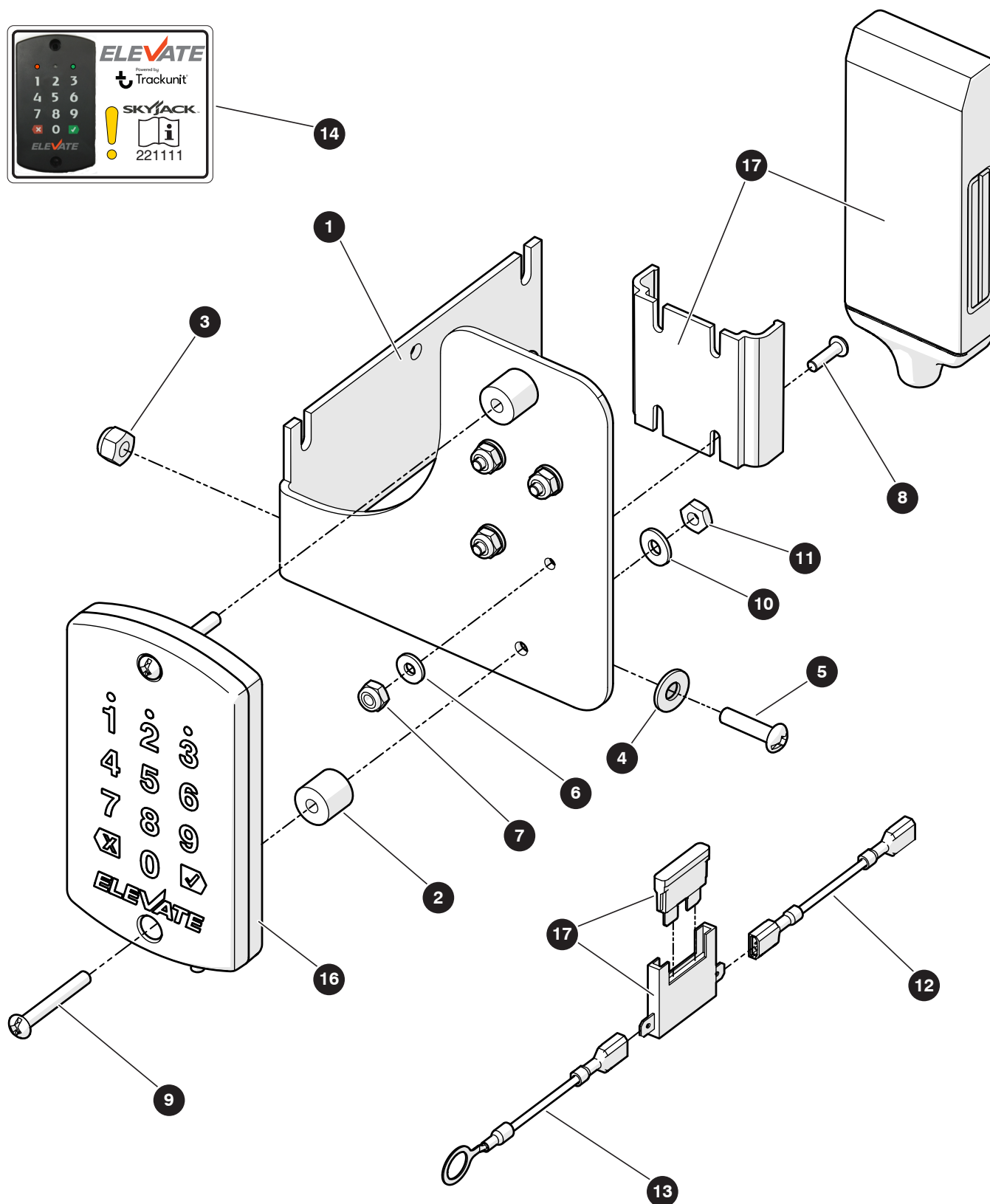


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Index No.	Skyjack Part No.	Qty.	Description
A	211779	1	• HALF HEIGHT MESH KIT for 6' / 1.83 m Side Entry Platform
B	211780	1	• HALF HEIGHT MESH KIT for 5' / 2.44 m Side Entry Platform
<i>Parts list continued from the previous page.</i>			
15	208942	1	• • MESH, Gate
16	211608	1	• • MESH, Front - 30" x 72" / 0.76 m x 1.83 m platform, A
	211610	1	• • MESH, Front - 30" x 60" / 0.76 m x 1.52 m platform, B
17	211606	1	• • MESH, Rear - 30" x 72" / 0.76 m x 1.83 m platform, A
	211609	1	• • MESH, Rear - 30" x 60" / 0.76 m x 1.52 m platform, B
18	211605	1	• • MESH, Side - 30" / 0.76 m platform, A, B
19	209030	12	• • CLAMP, Loop - cushioned (#19), A, B
20	103891	12	• • BOLT, Hex head (0.25"-20 x 0.875" gr 5), A, B
21	103856	12	• • BOLT, Hex head (0.25"-20 x 0.75" gr 5), A, B
22	103995	48	• • WASHER, Flat (0.25"), A, B
23	115649	24	• • NUT, Lock (0.25"-20 gr 5 nylon), A, B
24	103632	2	• • BOLT, Self-tapping hex head (0.25"-14 x 0.75")
25	172519	1	• • LABEL, Mesh weight (25 kg/55 lb)
26	211727	1	• INSTRUCTION, Half height platform mesh installation (not shown)



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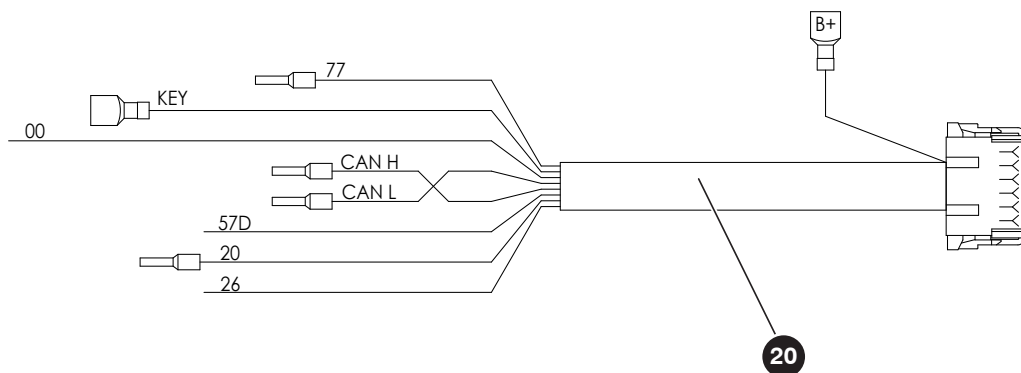
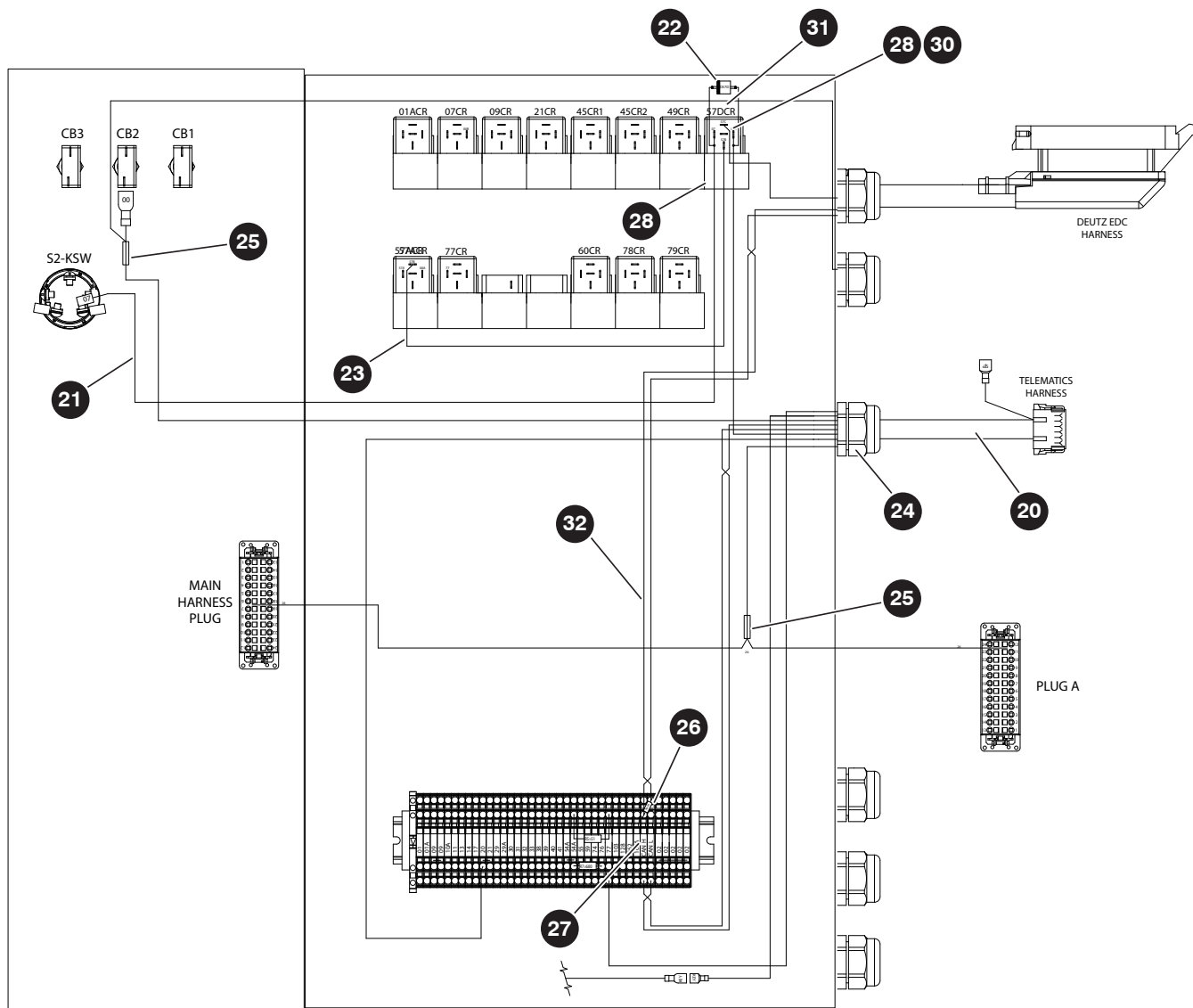
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SJ46AJ, SJ51AJ

SKYJACK

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 330.
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.

9.42 Elevate Telematics



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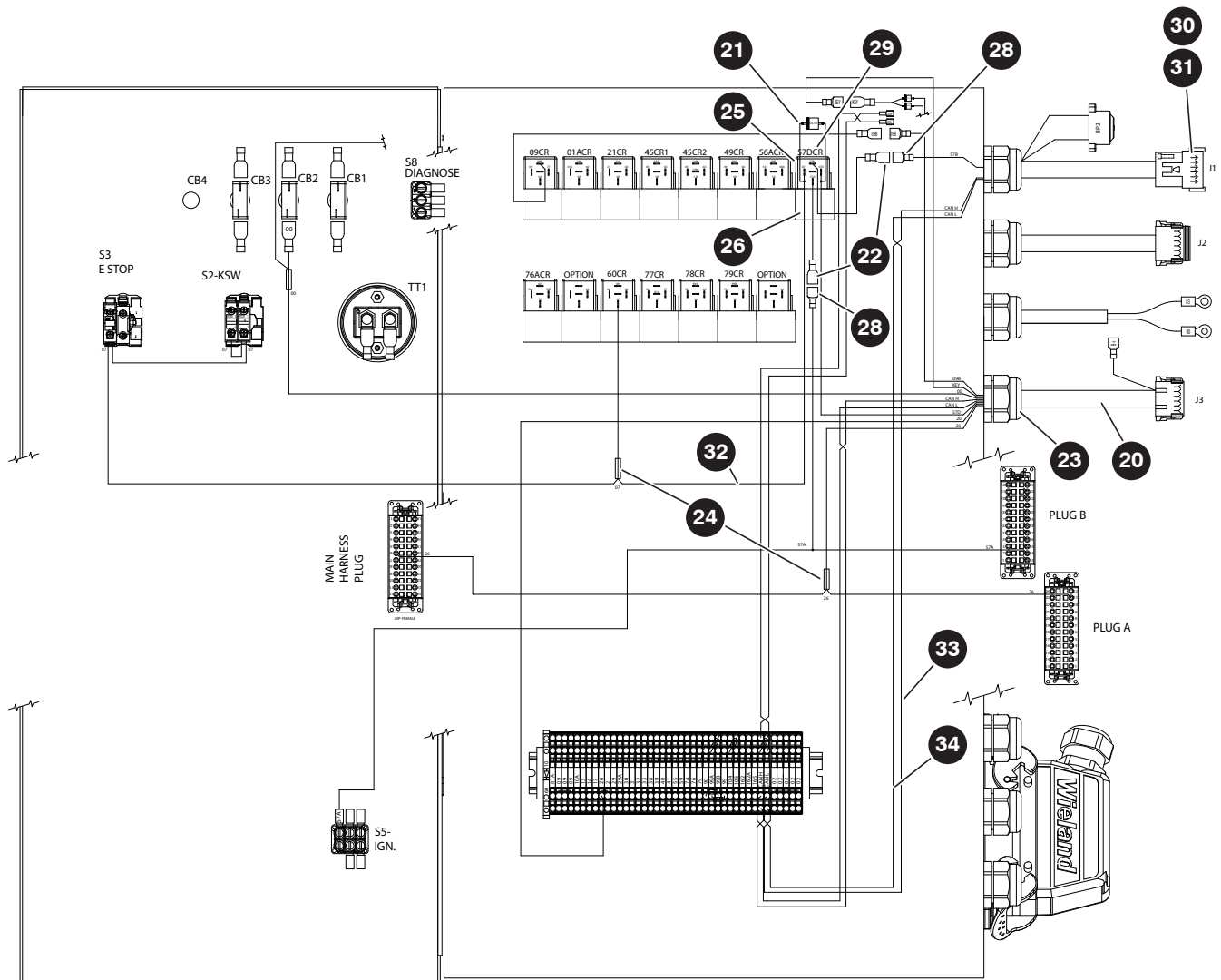
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9.42 Elevate Telematics

Index No.	Skyjack Part No.	Qty.	Description
C	223022	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT - Deutz D2011
D	223023	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT - Deutz D2011
			<i>The parts list is continued from the previous page.</i>
-	221875	1	• WIRING FIELD KIT, Elevate - Deutz D2011
20	221871	1	• • HARNESS, Elevate plug - Deutz D2011
21	223876	1	• • WIRE ASSEMBLY, 09
22	221873	1	• • WIRE ASSEMBLY, D57D
23	221874	1	• • WIRE ASSEMBLY, 57B
24	116266	1	• • CONNECTOR, Strain relief
25	105267	2	• • SPLICE, Butt (10-20 AWG insulated yellow vinyl)
26	151647	1	• • RESISTOR, 68.1 Ohm
27	137940	2	• • TERMINAL BLOCK - 4 cond through
28	127131	1	• • RELAY, 12 V 40 amp
29	138749	1	• • SOCKET, Automotive relay
30	126808	2	• • TERMINAL (14-18 GA 1/4 non-insulated)
31	221150	1	• • LABEL, 57DCR
32	221877	1	• • WIRE ASSEMBLY, CAN H+L connector

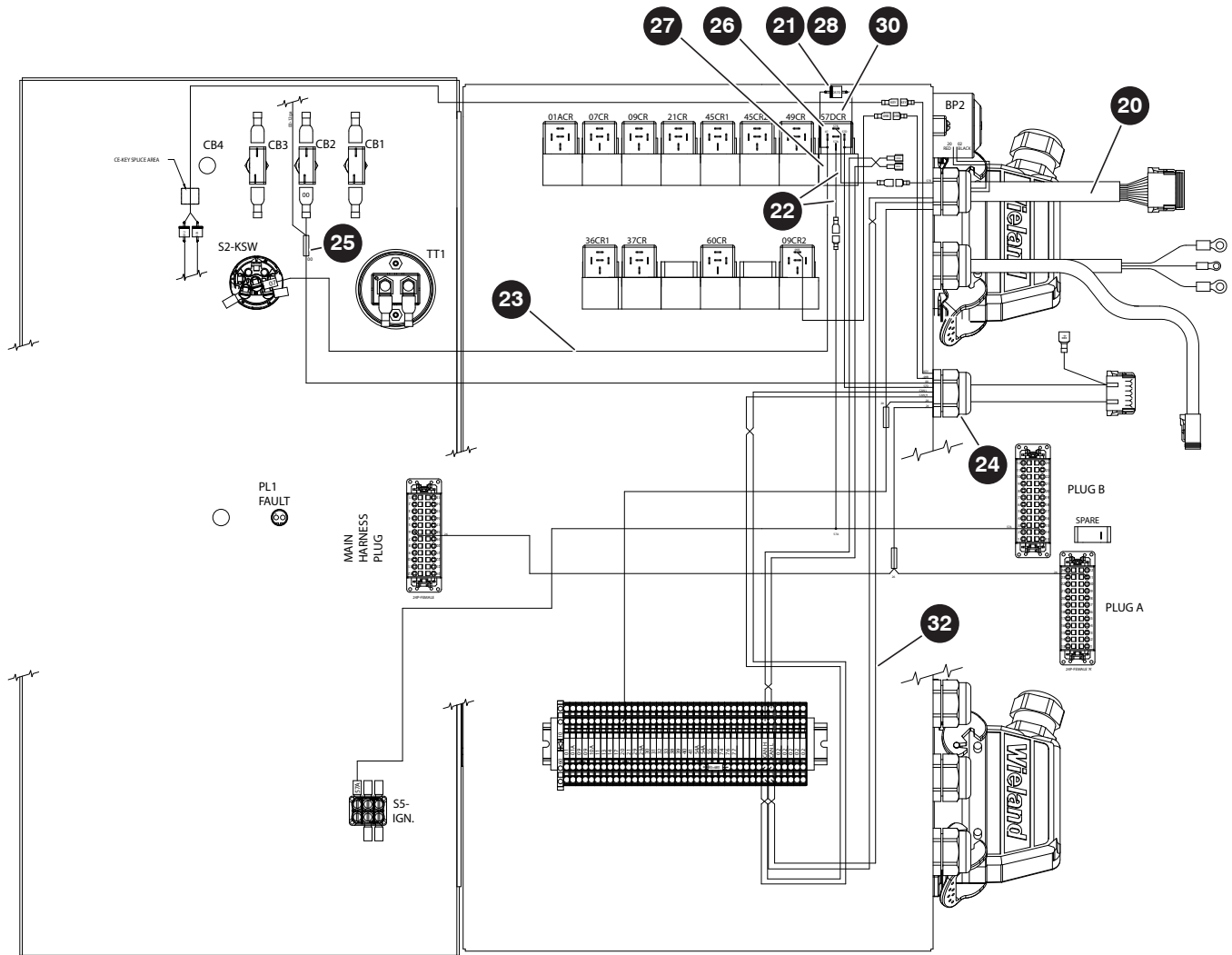
9.42 Elevate Telematics



9.42 Elevate Telematics

Index No.	Skyjack Part No.	Qty.	Description
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
			<i>The parts list is continued from the previous pages.</i>
-	221888	1	• WIRING FIELD KIT, Elevate - Deutz T/D 2.9L & Perkins 2.2T
20	221876	1	• • HARNESS, Elevate plug - Deutz T/D 2.9L & Perkins 2.2T
21	221873	1	• • WIRE ASSEMBLY, D57D
22	221878	1	• • WIRE ASSEMBLY, 57A/57B
23	116266	1	• • CONNECTOR, Strain relief
24	105267	4	• • SPLICE, Butt (10-12 AWG insulated yellow vinyl)
25	127131	1	• • RELAY, 12 V 40 amp
26	138749	1	• • SOCKET, Automotive relay
27	126808	2	• • TERMINAL (14-18 GA 1/4 non-insulated) (not shown)
28	105360	2	• • TERMINAL, Male (14-16 GA 1/4 insulated)
29	221150	1	• • LABEL, 57DCR
30	117590	2	• • CONNECTOR, Contact pin (16-18)
31	115401	2	• • FERRULE (18 GA red/grey)
32	102702	8"	• • WIRE, Red (14 awg)
33	802043	40"	• • WIRE, Black (18 awg)
34	802029	40"	• • WIRE, White (18 awg)

9.42 Elevate Telematics



9.42 Elevate Telematics

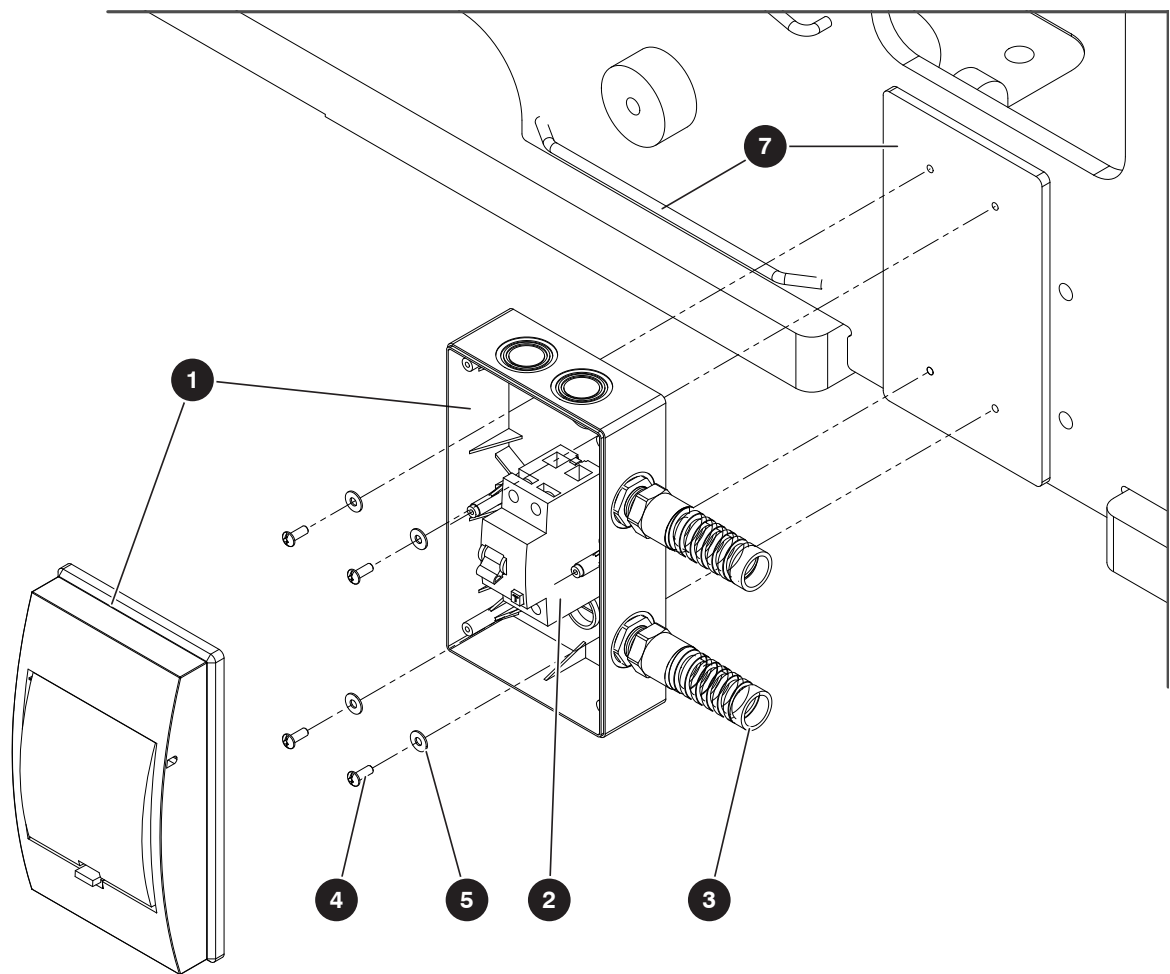
Index No.	Skyjack Part No.	Qty.	Description
G	223024	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT - Kubota WG2503
H	223025	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT - Kubota WG2503
			<i>The parts list is continued from the previous pages.</i>
-	221890	1	• WIRING FIELD KIT, Elevate - Kubota WG2503
20	221889	1	• • HARNESS, Elevate plug - Kubota WG2503
21	221873	1	• • WIRE ASSEMBLY, D57D
22	221878	2	• • WIRE ASSEMBLY, 57A/57B
23	221872	1	• • WIRE ASSEMBLY, 07
24	116266	1	• • CONNECTOR, Strain relief
25	105267	4	• • SPLICE, Butt (10-12 AWG insulated yellow vinyl)
26	127131	1	• • RELAY, 12 V 40 amp
27	138749	1	• • SOCKET, Automotive relay
28	126808	2	• • TERMINAL (14-18 GA 1/4 non-insulated) (not shown)
29	105360	2	• • TERMINAL (14-16 GA 1/4 insulated) (not shown)
30	221150	1	• • LABEL, 57DCR
31	117591	2	• • CONNECTOR, Contact socket (16/18) (not shown)
32	221877	1	• • WIRE ASSEMBLY, CAN H+L connector
33	121050	2	• • FERRULE, 16GA black (not shown)
34	802043	40"	• • WIRE, Black (18 awg) (not shown)
35	802029	40"	• • WIRE, White (18 awg) (not shown)

9.43 Elevate Telematics Subscription

AG

Index No.	Skyjack Part No.	Qty.	Description
			 NOTE <i>One of the following subscriptions is required to use the Elevate Telematics option.</i>
1	221153	1	SUBSCRIPTION, Elevate telematics - Monitoring (12 months)
2	221647	1	SUBSCRIPTION, Elevate telematics - Engage (12 months)
3	221348	1	SUBSCRIPTION, Elevate telematics - Engage + Access (12 months)
4	221154	1	SUBSCRIPTION, Elevate telematics - Monitoring (36 months)
5	221650	1	SUBSCRIPTION, Elevate telematics - Engage (36 months)
6	221651	1	SUBSCRIPTION, Elevate telematics - Engage + Access (36 months)
7	221155	1	SUBSCRIPTION, Elevate telematics - Monitoring (60 months)
8	221654	1	SUBSCRIPTION, Elevate telematics - Engage (60 months)
9	221655	1	SUBSCRIPTION, Elevate telematics - Engage + Access (60 months)

9.44 Residual Current Device (RCD)



M196062AB

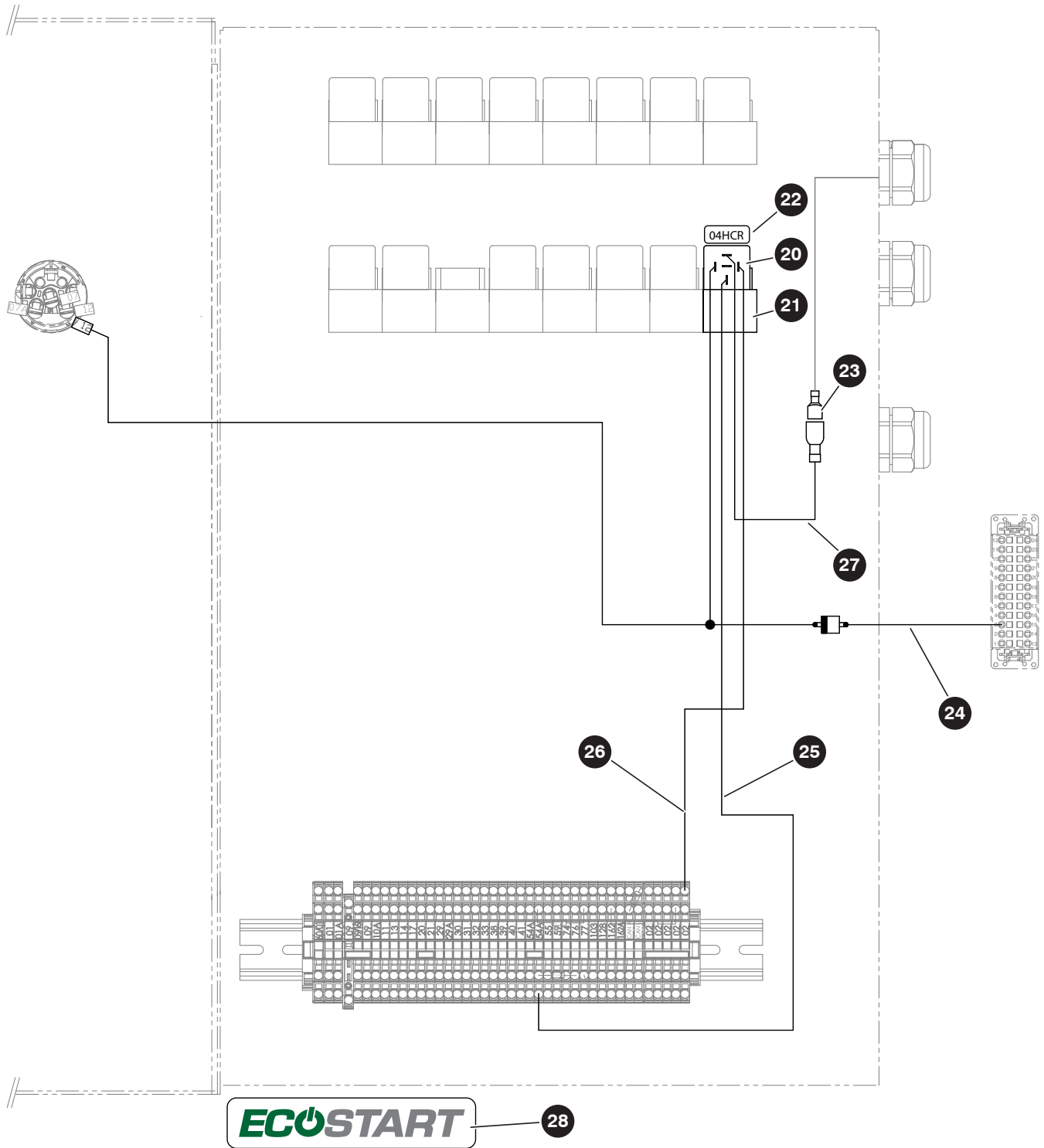
Index No.	Skyjack Part No.	Qty.	Description
-	196062	1	RESIDUAL CURRENT DEVICE (RCD)
1	196027	1	• ENCLOSURE, RCD
2	168379	1	• RCCB, Type A - Doepke DFS 2A
3	158212	2	• RELIEF, Strain (PG-13.5)
4	103962	4	• SCREW, Round head machine (10-32 x 0.50")
5	117542	120"	• CABTIRE, 14/3 (not shown)
6	117952	4	• WASHER, Seal (0.203" ID x 0.50" OD x 0.40")
7	195056	1	• PLATE & BAR MODIFICATION, RCD



9.45 EcoStart

Index No.	Skyjack Part No.	Qty.	Description
-	223742	1	ECOSTART OPTION FIELD KIT
-	223746	1	• ECOSTART INSTALLATION - PLATFORM
1	163666	1	• • RAIL, DIN
2	103957	2	• • SCREW, Round head machine (8-32 x 1/2")
3	103991	2	• • WASHER, Flat (8)
4	138765	2	• • NUT, Lock (8)
5	707147	2	• • STOP, End
6	137940	1	• • BLOCK, Terminal - 4 cond through
7	170607	1	• • BLOCK, Terminal - 2 cond fuse
8	212825	1	• • JUMPER, 2-pin
9	170626	1	• • FUSE, ATM - 10 a
10	223748	1	• • RELAY, Time delay-on-break
11	223761	1	• • ADAPTER, Din rail
12	223749	1	• • LIGHT, LED - blue
-	226397	1	• • WIRE ASSEMBLY, ECO Start
13	223750	1	• • • WIRE, Delay relay C and 1 to 04
14	223751	1	• • • WIRE, 04 to IGN
15	223752	1	• • • WIRE, Delay relay 2 to 02
16	223753	1	• • • WIRE, Delay relay NC to LED
17	223754	1	• • • WIRE, Delay relay NO to control cable
18	223755	1	• • • WIRE, LED to diff lock
19	223760	1	• • • WIRE, Diode group
20	223865	1	• • LABEL, EcoStart auto idle start/stop
 <i>The part list is continued on the next page.</i>			

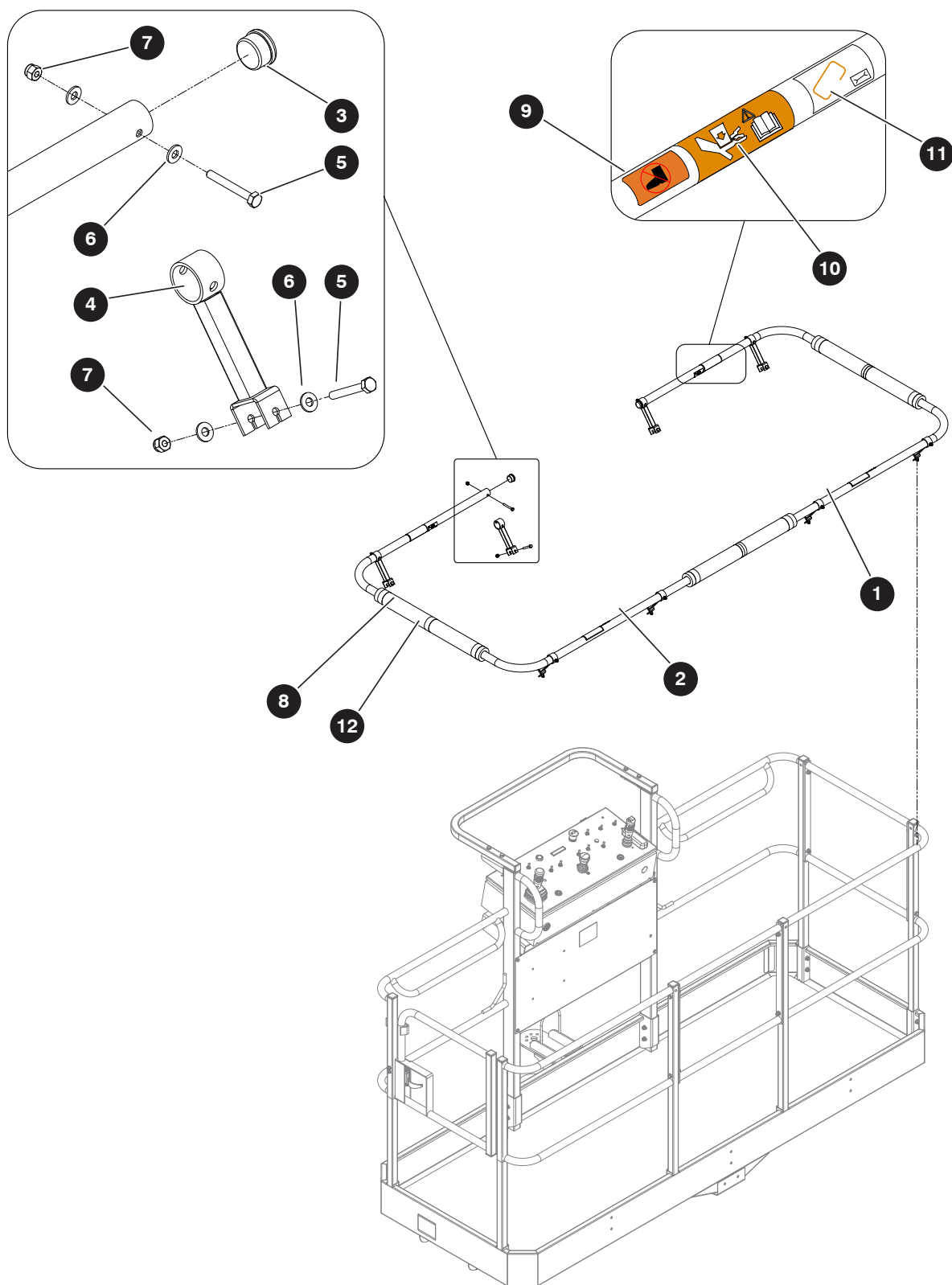
9.45 EcoStart



9.45 EcoStart

Index No.	Skyjack Part No.	Qty.	Description
			<i>The parts list is continued from the previous page.</i>
-	223747	1	• ECOSTART INSALLATION - BASE
20	127131	1	• • RELAY, 12 V 40 amp
21	138749	1	• • SOCKET, Relay
22	223762	1	• • LABEL, 04HCR
23	105360	1	• • TERMINAL, Male (14-16 GA x 1/4)
24	223756	1	• • WIRE ASSEMBLY, Control cable to 04HCR
25	223757	1	• • WIRE ASSEMBLY, 54A/09 to 04HCR
26	223758	1	• • WIRE ASSEMBLY, 04HCR to 02
27	223759	1	• • WIRE ASSEMBLY, 04HCR to 54B
28	223867	1	• • LABEL, ECO Start
29	113719	15	• TIE, Cable (not shown)
30	223744	1	• INSTRUCTIONS, EcoStart Installation (not shown)

9.46 External Railing



M162055AD_1

170947AL

SJ46AJ, SJ51AJ

9.46 External Railing

Index No.	Skyjack Part No.	Qty.	Description
-	152575	1	EXTERNAL RAILING FIELD KIT - <i>for 6' platforms only</i>
-	152574	1	• EXTERNAL RAILING ASSEMBLY
1	152573	1	• • TUBE, External railing (right)
2	152572	1	• • TUBE, External railing (left)
3	144048	2	• • PLUG, Round end
4	144747	8	• • WELDMENT, External railing stand-off
5	103861	16	• • BOLT, Hex head (0.25"-20 x 2" Grade 5)
6	103995	32	• • WASHER, Flat (0.25")
7	115649	16	• • NUT, Hex head nylon lock (0.25"-20 Grade 5)
8	104183	6'	• • PAD, Entry railing
9	115543	6	• • LABEL, Warning no step
10	137988	6	• • LABEL, Hazard crush/pinch point
11	171237	6	• • LABEL, External railing weight
12	119803	1	• • LABEL, Caution tape (108' roll)
13	162030	1	• INSTRUCTION, External railing installation (not shown)

 **Notes**

Section 10 – Labels

10.1 *Label Kits*

10.2 *Labels - Platform Control Box*

10.3 *Labels - Front and Back*

10.4 *Labels - Engine Side*

10.5 *Labels - Controls Side*

10.6 *Labels - Controls Compartment*

10.7 *Labels - Engine Compartment*

10.8 *Labels - Platform*

10.9 *Labels - Fuel*



Notes

10.1 Label Kits

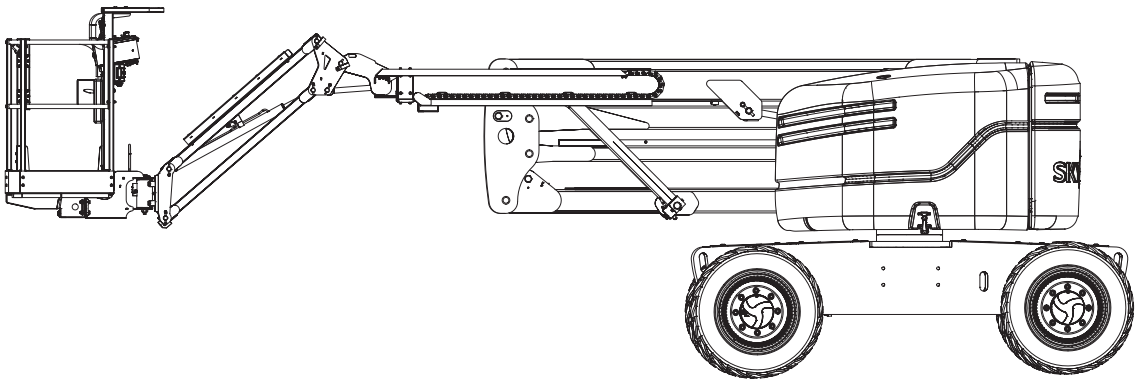
The following label kits contain all of the labels required for a complete standard machine, with the exception of:

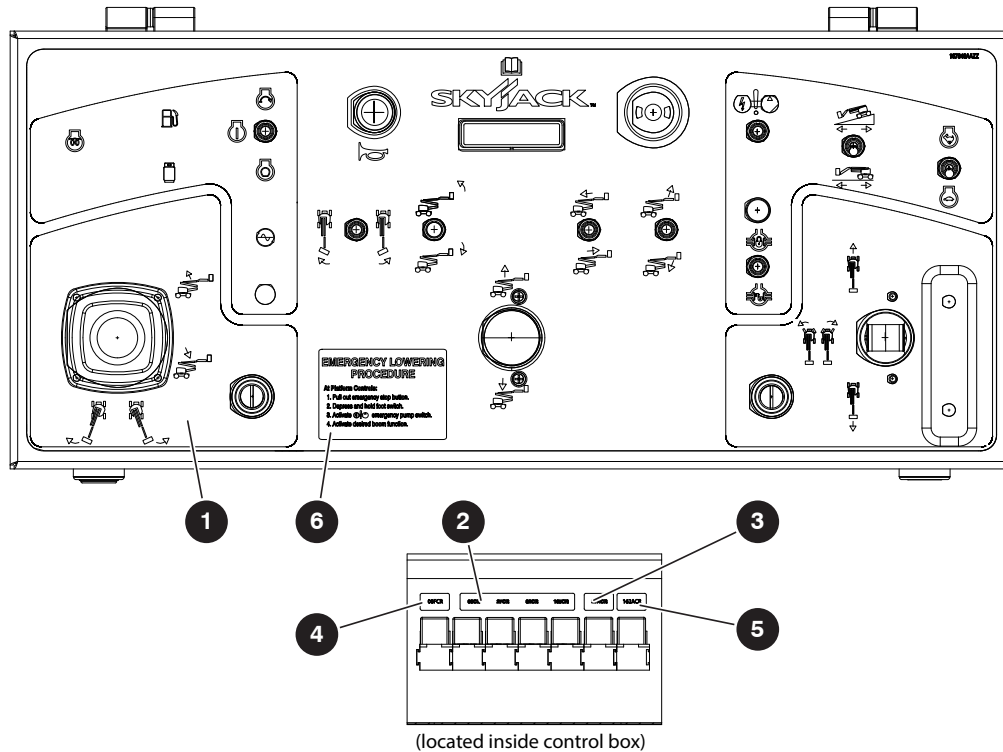
- Serial number plates
- Platform capacity labels
- Base control box labels
- Engine- and fuel-specific labels
- Powerline clearance label for AS
- Safety tape
- Model numbers

Contact Skyjack Parts to order those labels individually.

Supply the model number, country and language when ordering label kits.

LABEL KITS			
Model	ANSI/CSA	CE	AS
	166309	166310	166311
SJ46AJ	95 000 657 & above	95 000 657 & above	95 000 657 & above
SJ51AJ	N/A	95 000 657 & above	95 000 657 & above

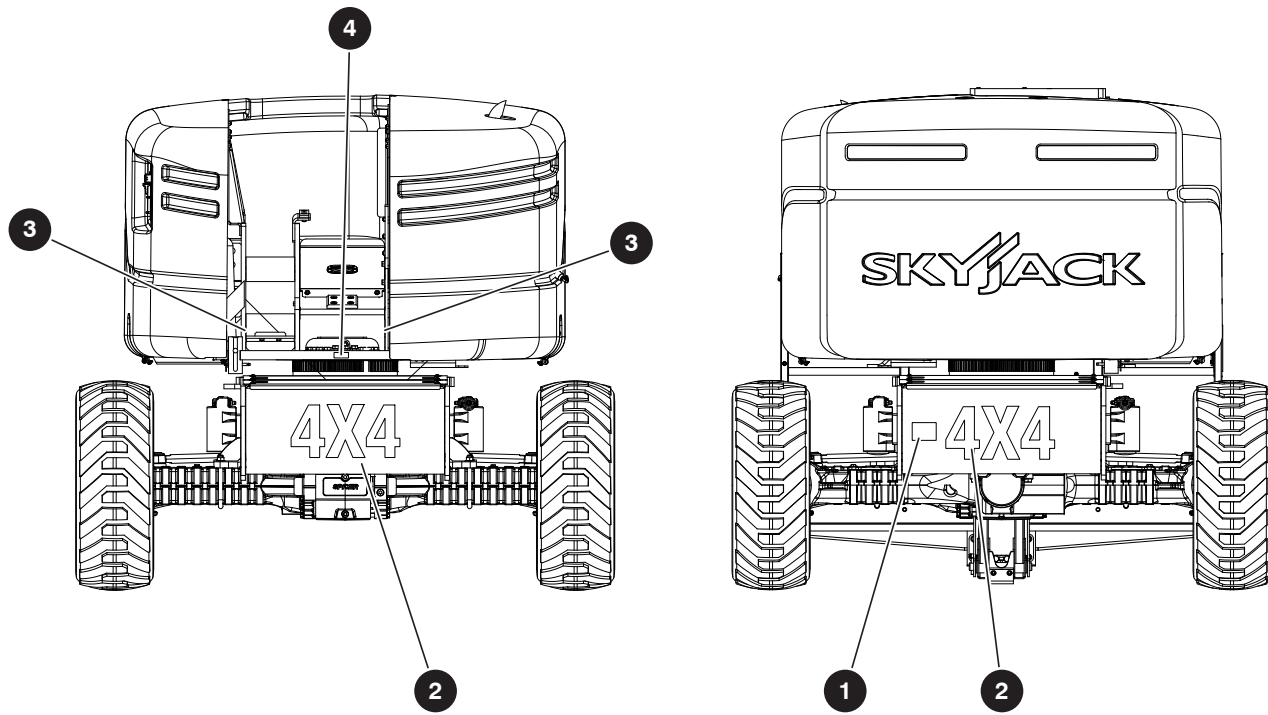




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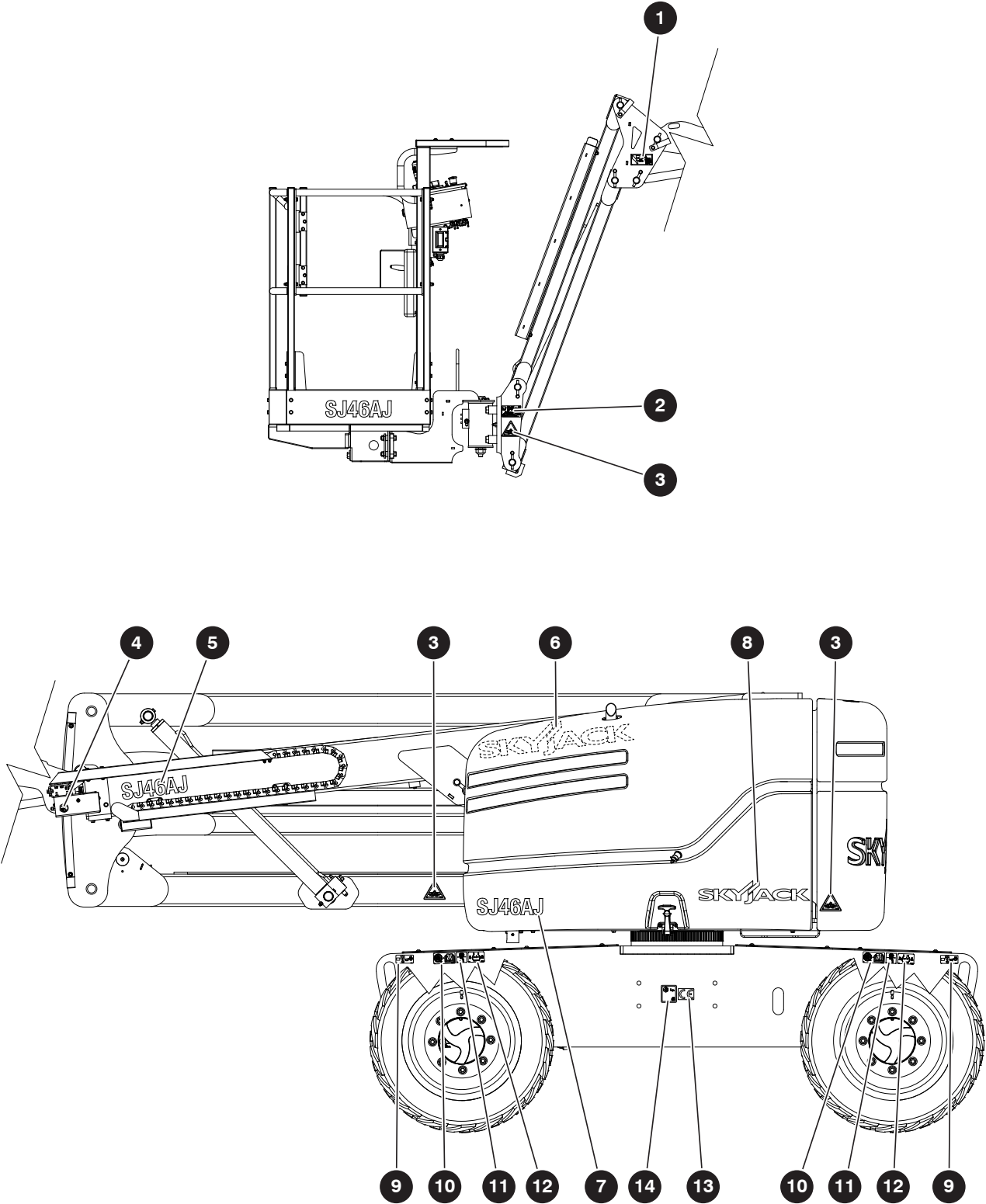
Index No.	Skyjack Part No.	Qty.	Description
A	168014	1	PLATFORM CONTROL BOX LABEL ASSEMBLY - ANSI/CSA
B	170491	1	PLATFORM CONTROL BOX LABEL ASSEMBLY - CE
C	221814	1	PLATFORM CONTROL BOX LABEL ASSEMBLY - AS
1	167848	1	• LABEL, Platform controls
2	148980	1	• LABEL, Relay names
3	170505	1	• LABEL, Relay 26CR, B
	169111	1	• LABEL, Relay 27ACR, C
4	196461	1	• LABEL, Relay 08FCR
5	172214	1	• LABEL, Relay 162ACR, B
6	143813	1	LABEL, Emergency lowering at platform control - ANSI/CSA
	147156	1	LABEL, Emergency lowering at platform controls - CE & AS

10.3 Labels - Front and Back



PM - Front and Back AJ

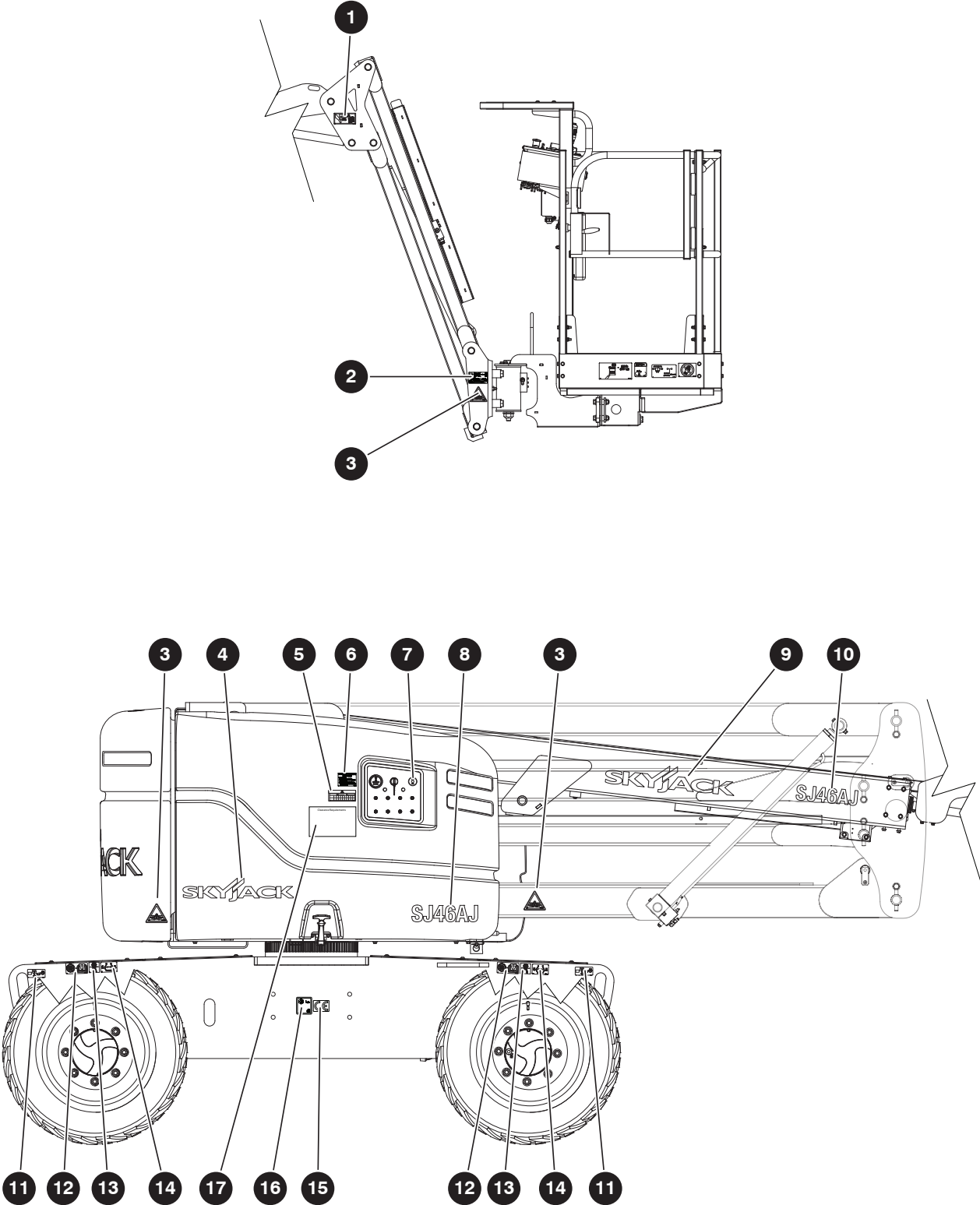
Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	1	LABEL, Serial plate <i>(please consult factory)</i>
2	159509	2	LABEL, "4X4"
3	139314	2	LABEL, Body crush
4	138211	1	LABEL, Connect AC supply



10.4 Labels - Engine Side

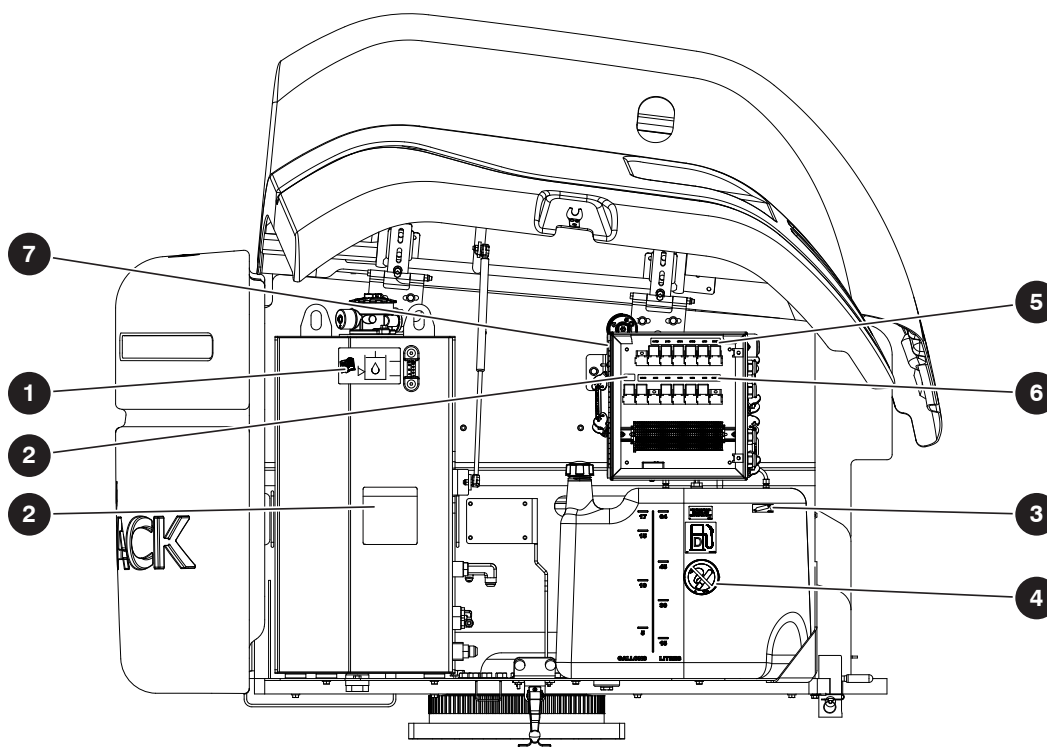
Index No.	Skyjack Part No.	Qty.	Description
1	137988	1	LABEL, Crush/Pinch point
2	147111	1	LABEL, Transportation tie down points - CE & AS
3	139314	3	LABEL, Body crush
	156613	1	LABEL, Do not alter
5	164785	1	LABEL, SJ46AJ (18")
	164780	1	LABEL, SJ51AJ (18")
6	158555	1	LABEL, Skyjack logo (29")
7	164637	1	LABEL, SJ46AJ (12")
	164632	1	LABEL, SJ51AJ (12")
8	158554	1	LABEL, Skyjack logo
9	124767	2	LABEL, Tie down/lift lugs
10	124631	2	LABEL, Wheel info
11	169381	2	LABEL, Wheel load 3315 kg/ lb - SJ46AJ
	169382	2	LABEL, Wheel load 3640 kg/8025 lb - SJ51AJ
12	142125	2	LABEL, Tire pressure (65 psi) - Standard air tires
	402156	2	LABEL, Tire pressure (80 psi) - Non-marking air tires
	144310	2	LABEL, Tire pressure (50 psi) - High flotation air tires
	142384	2	LABEL, Foam filled tire - Foam tires
13	117023	1	LABEL, "CE" mark - CE
14	128226	1	LABEL, Sound power level - CE & AS

10.5 Labels - Controls Side



10.5 Labels - Controls Side

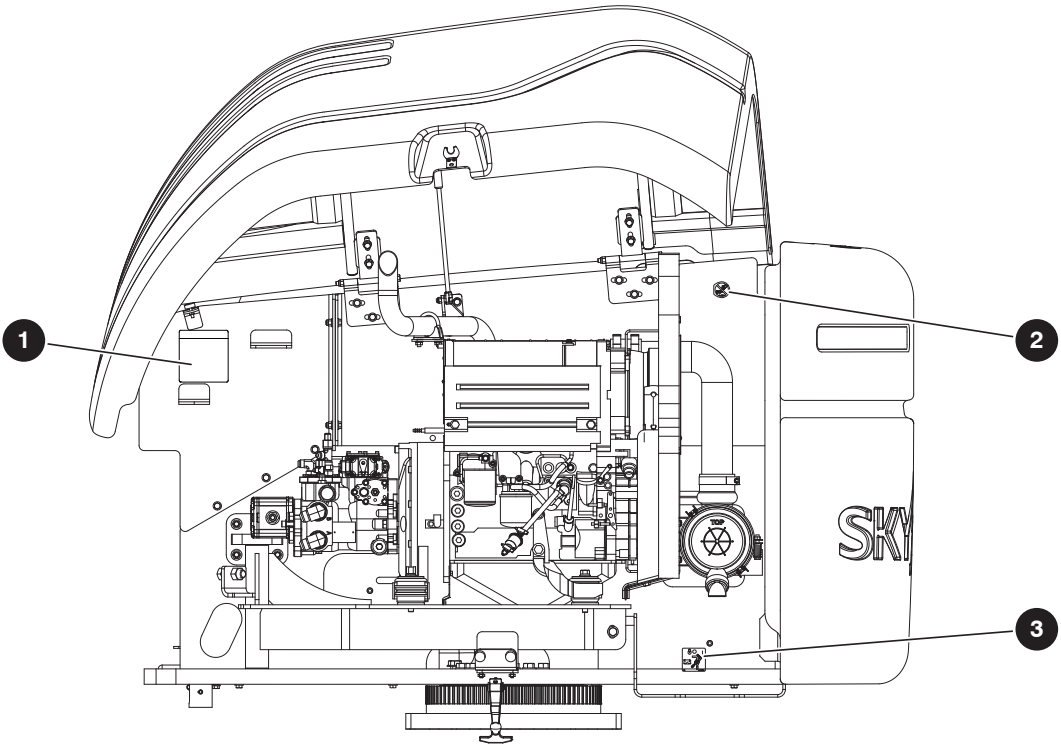
Index No.	Skyjack Part No.	Qty.	Description
1	137988	1	LABEL, Crush/Pinch point
2	147111	1	LABEL, Transportation tie down points - CE & AS
3	139314	3	LABEL, Body crush
4	158554	1	LABEL, Skyjack logo
5	156441	1	LABEL, Annual inspection
6	147100	1	LABEL, Emergency lowering at base controls
7	148976	1	LABEL, Base control - GM or Deutz D2011 engines - ANSI/CSA & AS
	170776	1	LABEL, Base control - Deutz D2011 engine - CE
	164945	1	LABEL, Base control - Deutz D2.9L engine - ANSI/CSA
	211308	1	LABEL, Base control - Perkins 2.2T engine - ANSI/CSA
8	164637	1	LABEL, SJ46AJ (12")
	164632	1	LABEL, SJ51AJ (12")
9	158555	1	LABEL, Skyjack (29")
10	164785	1	LABEL, SJ46AJ (18")
	164780	1	LABEL, SJ51AJ (18")
11	124767	2	LABEL, Tie down/lift lugs
12	124631	2	LABEL, Wheel info
13	169381	2	LABEL, Wheel load 3315 kg/ lb - SJ46AJ
	169382	2	LABEL, Wheel load 3640 kg/8025 lb - SJ51AJ
14	142125	2	LABEL, Tire pressure (65 psi) - Standard air tires
	402156	2	LABEL, Tire pressure (80 psi) - Non-marking air tires
	144310	2	LABEL, Tire pressure (50 psi) - High flotation air tires
	142384	2	LABEL, Foam filled tire - Foam tires
15	117023	1	LABEL, "CE" mark - CE
16	128226	1	LABEL, Sound power level - CE & AS)
17	161631	1	



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Index No.	Skyjack Part No.	Qty.	Description
1	146016	1	LABEL, Hydraulic oil level (min/max)
2	161139	1	LABEL, Winch/Tow procedure
3	172512	1	LABEL, Grease point
	152230	1	LABEL, Grease point, Mobilgrease 462 Moly
4	138146	1	LABEL, No smoking
5	164821	1	LABEL, Relay names - upper - Deutz D2.9L engine
	148977	1	LABEL, Relay names - upper - Deutz D2011, GM & Kubota engines
	172520	1	LABEL, Relay names - upper - Perkins engine
6	164822	1	LABEL, Relay names - lower - Deutz D2.9L engine
	148978	1	LABEL, Relay names - lower - Deutz D2011, GM & Kubota engines - ANSI/CSA & AS
	170521	1	LABEL, Relay names - lower - Perkins engine
	170779	1	LABEL, Relay names - lower - Deutz D2011 engine - CE
7	149461	1	LABEL, Engine fault switch
8	221150	1	LABEL, 57DCR - Elevate Telematics Options

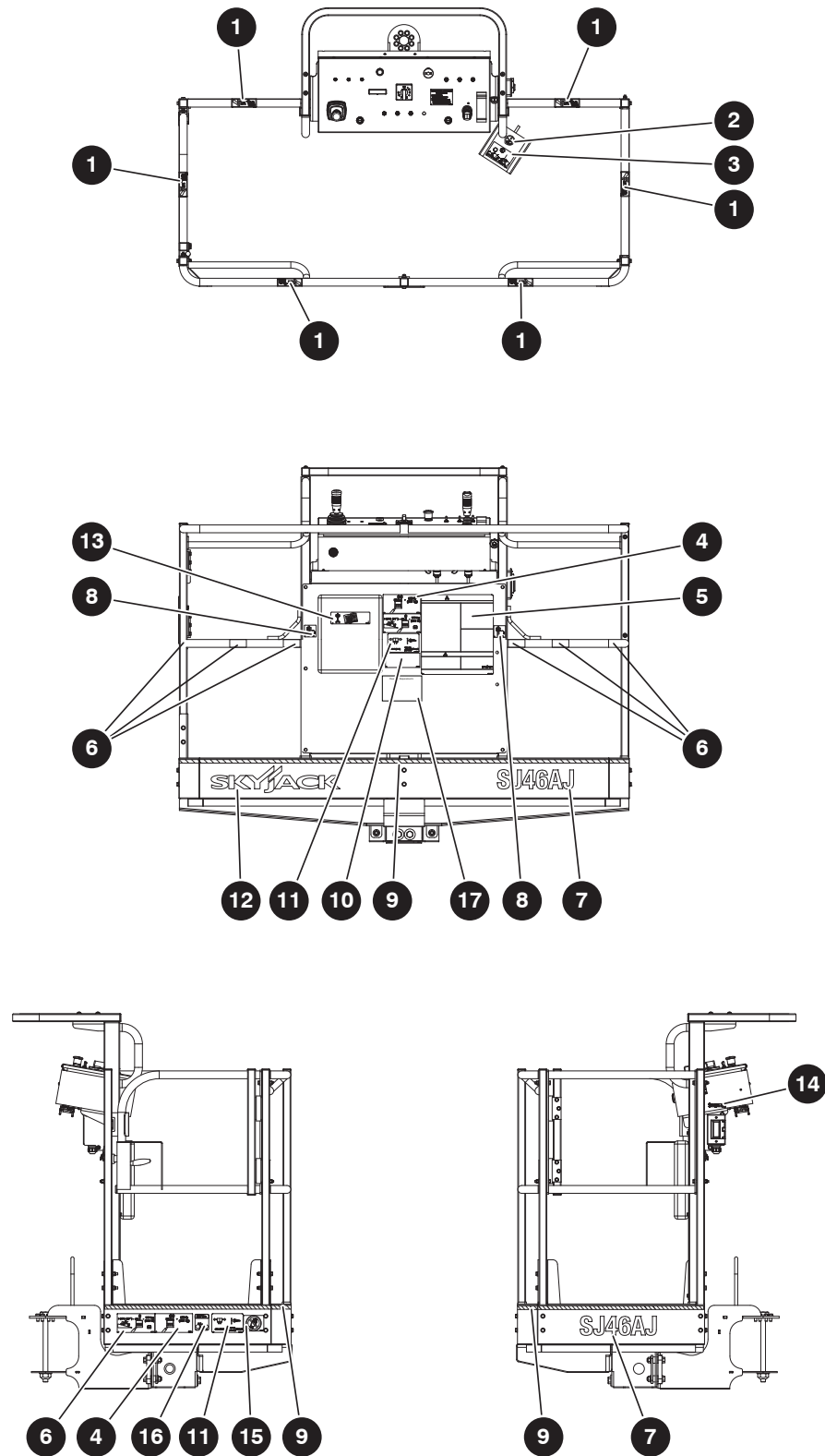
10.7 Labels - Engine Compartment



PM - Engine Compartment AJ

Index No.	Skyjack Part No.	Qty.	Description
1	161139	1	LABEL, Winch/Tow procedure
2	156613	1	LABEL, Do not alter
3	119674	1	LABEL, Battery disconnect switch

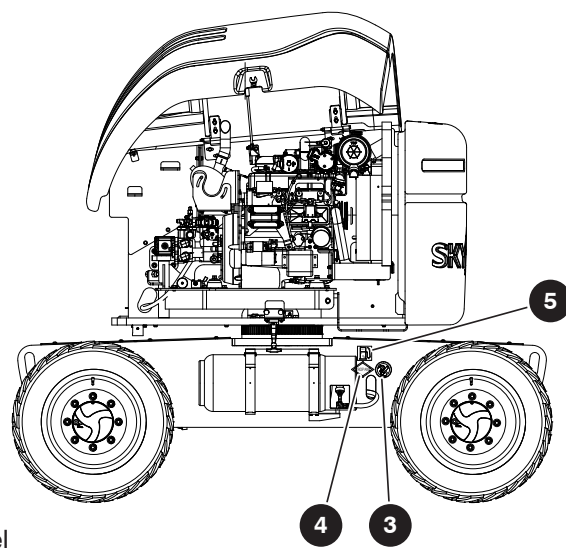
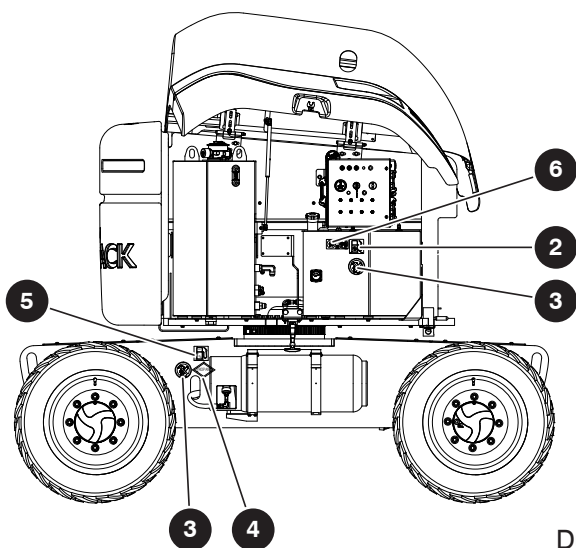
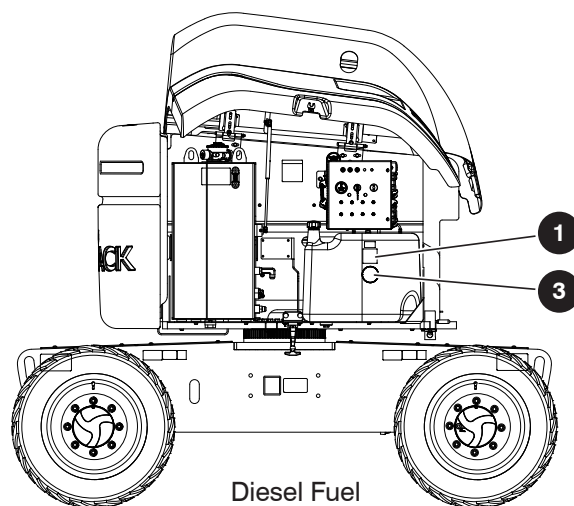
10.8 Labels - Platform



10.8 Labels - Platform

Index No.	Skyjack Part No.	Qty.	Description
1	137988	6	LABEL, Crush/Pinch point
2	156613	1	LABEL, Do not alter
3	143638	1	LABEL, Footswitch enable (on/off)
4	139689	2	LABEL, Platform capacity (500 lb/227 kg)
5	159500	1	LABEL, Danger/warning booms
6	115543	6	LABEL, Warning no step
7	164637	2	LABEL, SJ46AJ (12")
	164632	2	LABEL, SJ51AJ (12")
8	130018	2	LABEL, Harness anchorage
9	119803	125"	LABEL, Caution tape - CE & AS
10	147043	1	LABEL, AWPT "Click It!"
11	124465	2	LABEL, Horizontal load rating
12	158554	1	LABEL, Skyjack logo
13	123628	1	LABEL, Manual box
14	138211	1	LABEL, Connect AC supply
15	124362	1	LABEL, Warning do not wear jewelry
16	159513	1	LABEL, Daily maintenance checklist
17	161631	1	LABEL, Power line clearance - AS
-	173081	1	LABEL, California proposition 65 - ANSI/CSA

10.9 Labels - Fuel



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Index No.	Skyjack Part No.	Qty.	Description
1	102962	1	LABEL, Diesel fuel pictorial - Deutz D2011
	162852	1	LABEL, Ultra low sulfur diesel fuel only - Deutz D2.9L
2	132400	1	LABEL, Unleaded fuel only - GM & Kubota
3	138146	1	LABEL, No smoking
		2	LABEL, No smoking (Single tank)
		3	LABEL, No smoking (Double tank)
4	120390	1	LABEL, Propane Pictorial (Single tank)
		2	LABEL, Propane Pictorial (Double tank)
5	103023	1	LABEL, LPG
6	168457	1	LABEL, Open fuel cap slowly



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