

SKYJACK

PARTS MANUAL

SJ85AJ

ARTICULATING BOOM

210340AE

August 2020

ANSI/CSA, CE, AS, KC



PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

This manual is based on Serial Number(s):

SJ85AJ: 95 400 001 to 95 499 999

Please refer to the website (www.discount-equipment.com)
for other Serial Numbers, most recent Technical Manuals and
USB software.

Go to Discount-Equipment.com to order your parts

Table of Contents

Foreword	9
General.....	9
Parts Ordering Information.....	9
Method of Listing.....	9
Quantities.....	9
How To Order Repair Parts.....	9
Recommended Service Parts.....	10
Section 1 – Platform	13
1.1 Platform with Three Drop Bars.....	14
1.2 Platform with a Single Drop Bar.....	16
1.3 Platform with Swing Gate.....	18
1.4 Platform Base.....	20
1.5 Railings.....	22
1.6 Swing Gate.....	24
1.7 Drop Bar Gate.....	26
1.8 Footswitch.....	27
1.9 Platform Limit Switches - KC.....	28
1.10 Platform Control Box.....	30
1.11 Boom/Turret Controller.....	34
1.12 Drive/Steer Controller.....	36
1.13 Riser Boom Controller.....	38
1.14 Platform Terminal Strip.....	39
1.15 SGE.....	40
1.16 Platform Outlet.....	41
Section 2 – Boom	43
2.1 Jib.....	44
2.2 Jib Manifold.....	46
2.3 Cable Track.....	48
2.4 Fly Boom.....	50
2.5 Main Boom.....	52
2.6 Upper Pivot.....	54
2.7 Upper Riser Arm.....	56
2.8 3rd Riser Arm.....	57
2.9 Lower Pivot.....	58
2.10 Link Arm.....	59
2.11 2nd Riser Arm.....	60

2.12	Lower Riser Arm	61
2.13	Limit Switches	62
Section 3 – Cylinders		65
3.1	Jib Cylinder	66
3.2	Slave Cylinder	68
3.3	Extension Cylinder	70
3.4	Master Cylinder	72
3.5	Main Lift Cylinder	74
3.6	Riser Cylinder	76
3.7	Axle Lock Cylinder.....	78
Section 4 – Turret		79
4.1	Turret	80
4.2	Engine Tray	82
4.3	Cowling - Engine Side	84
4.4	Cowling - Controls Side	88
4.5	Hydraulic Tank	92
4.6	Fuel Tank - Diesel	94
4.7	Fuel Tank - Gasoline	96
4.8	Swing Drive	98
4.9	Main & Brake Manifold Hardware.....	100
4.10	Main Manifold	102
4.11	Brake Manifold.....	106
4.12	Emergency Pump	108
4.13	Batteries.....	110
4.14	Battery Cables	112
4.15	Base Controls	114
4.16	Base Terminal Strip - ANSI/CSA, AS & KC.....	120
4.17	Base Terminal Strip - CE.....	121
4.18	Counterweight - Turret	122
Section 5 – Base		123
5.1	Chassis	124
5.2	Rotary Manifold	126
5.3	Front Axle.....	128
5.4	Rear Axle	130
5.5	Differential - Front Axle	132
5.6	Hub Reduction - Front Axle.....	134
5.7	Brakes - Front Axle	138
5.8	Central Housing - Front Axle.....	140
5.9	Steering Assembly - Front Axle	141
5.10	Trunnion - Front Axle	142
5.11	Driveshaft.....	143

5.12	Differential - Rear Axle	144
5.13	Hub Reduction - Rear Axle	146
5.14	Central Housing - Rear Axle	148
5.15	Brakes - Rear Axle	150
5.16	Gear Box & Motors	152
5.17	Gear Box	154
5.18	Tires	156
5.19	Counterweight - Base	157
5.20	Propane Tanks	158
Section 6 – Engines		161
6.1	Engine - Deutz TD2.9L	162
6.2	Air Intake - Deutz TD2.9L	166
6.3	Radiator - Deutz TD2.9L	168
6.4	Engine - Deutz D2011	170
6.5	Air Intake - Deutz D2011	172
6.6	Engine - Kubota WG3800	174
6.7	Air Intake - Kubota WG3800	180
6.8	Radiator - Kubota WG3800	182
6.9	Exhaust - Kubota WG3800	184
6.10	Engine - Perkins 2.2TA	186
6.11	Air Intake - Perkins 2.2TA	194
6.12	Radiator - Perkins 2.2TA	196
6.13	Engine Coupling - Deutz	200
6.14	Engine Coupling - Kubota	201
6.15	Engine Coupling - Perkins	202
6.16	Drive & System Pumps	204
6.17	Engine Controls	206
6.18	Terminal Strip - Engine Controls	210
Section 7 – Electrical Harnesses		211
7.1	Main Harness	212
7.2	Jib and Platform Rotate Harness	214
7.3	Control Cables	216
7.4	Engine Harness - Deutz TD2.9L	218
7.5	Engine Harness - Kubota WG3800	220
7.6	Engine Interface Harness - Perkins 2.2TA	222
7.7	Fuse Box - Perkins	224
7.8	Anti-Overriding Posts Harness - KC	226
7.9	Upper Control Harness - KC	227
Section 8 – Hose Connections		229
8.1	Standard Hose Numbering System	230
8.2	Hydraulic Hoses – Boom	232

8.3	Hydraulic Hoses – Turret	234
8.4	Hydraulic Hoses – Drive & System Pumps	236
8.5	Hydraulic Hoses – Base	238
8.6	Fuel Lines – Deutz TD.9L	240
8.7	Fuel Lines – Deutz D2011	241
8.8	Fuel Lines – Perkins 2.2TA	242
8.9	Fuel Lines – Gasoline - Kubota WG3800	244
8.10	Fuel Lines – Propane - Kubota WG3800	246
8.11	Grease Line	248
Section 9 – Optional Equipment		249
9.1	Oil Cooler with No Generator	250
9.2	Oil Cooler	252
9.3	Generator and Cooler Assembly - 3.5 kW	254
9.4	Generator - 3.5 kW	256
9.5	Generator and Cooler Assembly - 7.5 kW	258
9.6	Generator - 7.5 kW	260
9.7	Generator and Cooler Assembly - 12 kW	262
9.8	Generator - 12 kW	264
9.9	Generator and Oil Cooler Wiring	266
9.10	Welder	268
9.11	Pipe Rack	272
9.12	External Railing	274
9.13	SGM	276
9.14	Control Box Cover	278
9.15	Tool Caddy	280
9.16	Work Lights	282
9.17	Flashing Light	284
9.18	All Motion Alarm	286
9.19	Residual Current Device (RCD)	287
9.20	Diesel Scrubber	288
9.21	Positive Air Shut-off Option	289
9.22	Hostile Environment	290
9.23	Cold Start Package	292
9.24	Arctic Package	294
9.25	Load Circuit	296
9.26	Block Heater	298
9.27	Air Line to Platform	299
9.28	Half-Height Platform Mesh	300
9.29	Additional Anti-Overriding Posts - KC	304
9.30	Elevate Telematics	306
9.31	Elevate Telematics Subscription	310

Section 10 – Labels	311
10.1 Label Kits	313
10.2 Labels - Controls Side	314
10.3 Labels - Engine Side	316
10.4 Labels - Platform	318
10.5 Labels for KC	320

Go to Discount-Equipment.com to order your parts

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 Discount-equipment 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

Address all orders to Discount-equipment.

Specify model and serial number of the work platform (found on the serial number plate).

List the quantity needed.

List the length needed (if it is a bulk item).

List the part number and description as shown in this manual for each item.

Show the billing and shipping address and the name of the individual, if possible.

Suggest the best routing.

Customer: _____

Dealer: _____

Model Number: _____

Serial Number: _____

Date Purchased: _____

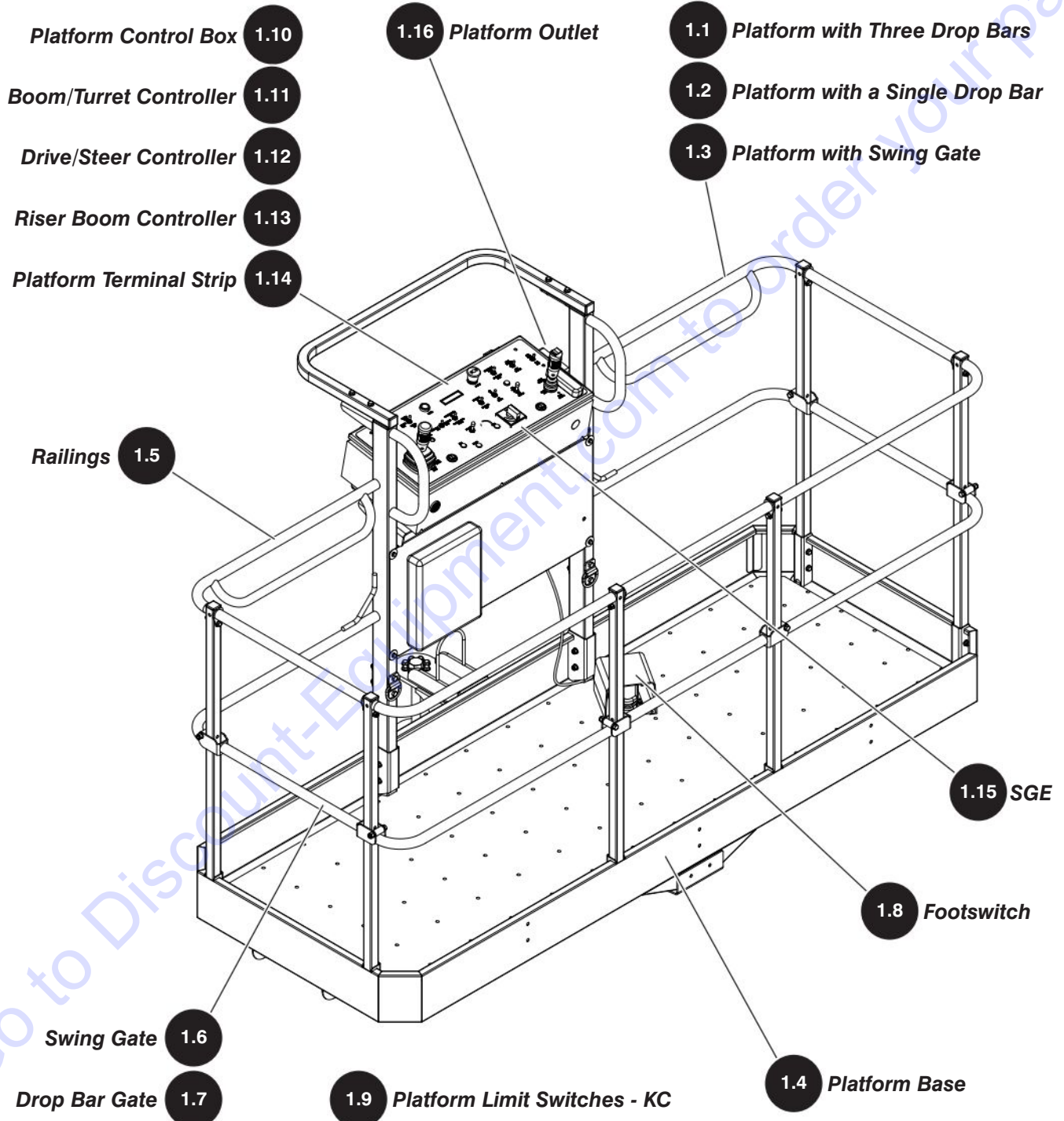
Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Engine - DeutzTD2.9L				
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	165949
ELEMENT, Air cleaner - secondary	1	1	1	165950
THERMOSTAT, Deutz TD2.9L	0	0	1	166699
HOSE, Radiator return - Deutz TD2.9L	0	0	1	207694
HOSE, Radiator upper - Deutz TD2.9L	0	0	1	207696
HOSE, Radiator lower - Deutz TD2.9L	0	0	1	207695
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	704560
ELEMENT, Air cleaner - secondary, Deutz D2011	1	1	1	706549
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 2.2				
FILTER, Oil, Perkins	2	2	2	212981
FILTER, Fuel, Perkins	2	2	2	212840
ELEMENT, Air cleaner - primary	2	2	2	165949
ELEMENT, Air cleaner - secondary	1	1	1	165950
ELEMENT, Breather, CCV	1	1	1	212835
THERMOSTAT, Perkins	0	0	1	212983
HOSE, Radiator return - Perkins	0	0	1	211837
HOSE, Radiator upper - Perkins	0	0	1	211835
HOSE, Radiator lower - Perkins	0	0	1	211836
BELT, Fan, Perkins	0	0	1	212831
STARTER, Perkins	0	0	1	213008
ALTERNATOR, Perkins	0	0	1	212830
Engine - Kubota WG3800				
FILTER, Oil, Kubota	2	2	2	212016
FILTER, Fuel pre-filter - Kubota	2	2	2	136118
ELEMENT, Air cleaner - primary	2	2	2	165949

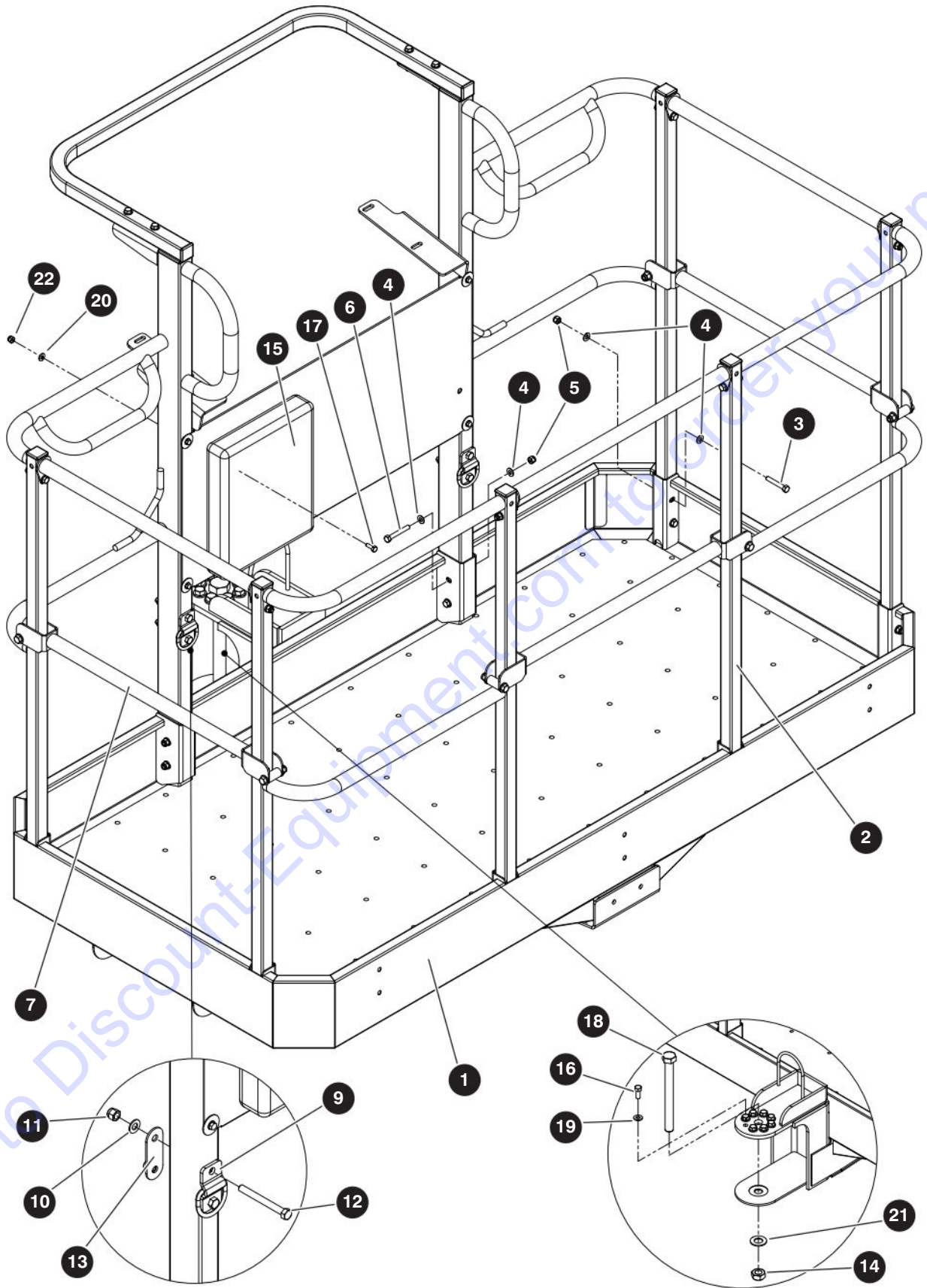
Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
ELEMENT, Air cleaner - secondary	1	1	1	165950
THERMOSTAT, Kubota	0	0	1	212020
HOSE, Radiator upper - Kubota	0	0	1	211878
HOSE, Radiator lower - Kubota	0	0	1	211877
BELT, Fan - Kubota	0	0	1	212004
PUMP, Fuel - Kubota	1	1	1	164881
STARTER, Kubota	0	0	1	212002
ALTERNATOR, Kubota	0	0	1	212003
SPARK PLUG, Kubota	0	0	1	194658
REGULATOR, Propane - Kubota	0	0	1	212022
VALVE, Lockoff - Kubota	0	0	1	164889
REGULATOR (EPR), Kubota	0	0	1	194699
MIXER, Kubota	0	0	1	212014
Electrical				
BATTERY	2	2	2	103295
RELAY	5	5	5	127131
SOCKET, Relay	1	1	1	138749
SWITCH, Toggle	2	2	2	102853
SWITCH, Toggle	1	1	1	148988
SWITCH, Toggle	1	1	1	138278
SWITCH, Toggle	1	1	1	115747
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 - boom angle	0	1	1	207059
SWITCH, Limit - boom angle - dual load	0	1	1	216008
SWITCH, Limit - boom extension	0	1	1	198390
SWITCH, Limit - riser	0	1	1	207017
SWITCH, Limit - boom down cut-out	0	1	1	207059
SWITCH, Limit - direction sensing	0	1	1	199546
COIL, Valve	0	1	1	159821
COIL, Valve	0	1	1	208881
COIL, Valve	0	1	1	212554
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	161948
SEAL KIT, Extend cylinder	0	0	1	212717
SEAL KIT, Lift cylinder	0	0	1	212704
SEAL KIT, Riser cylinder	0	0	1	212693

Section 1 – Platform



1.1 Platform with Three Drop Bars



M169069AC

210340AE

14

SJ85AJ

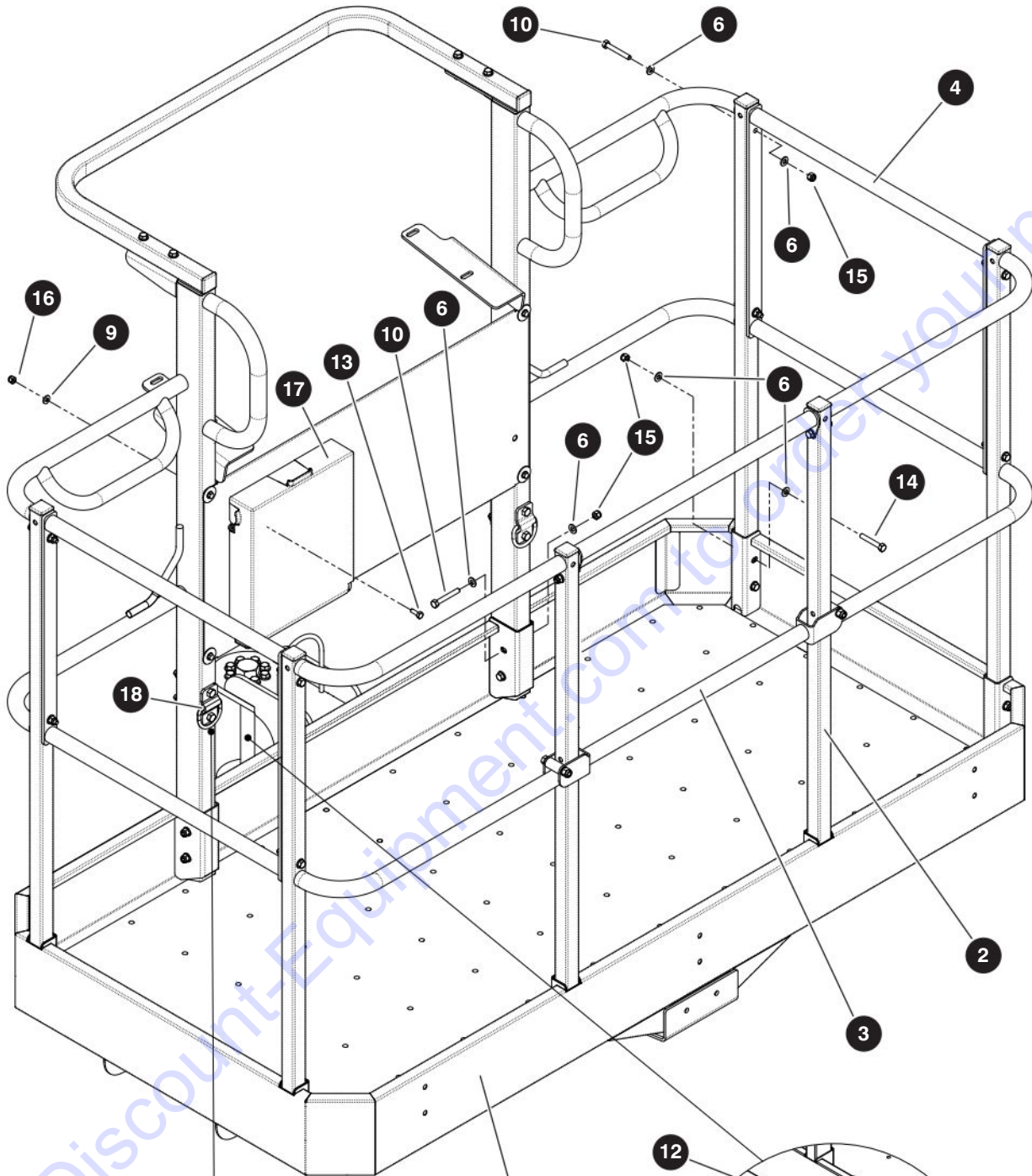
SKYJACK

1.1 Platform with Three Drop Bars

Index No.	Skyjack Part No.	Qty.	Description
A	165139	1	PLATFORM ASSEMBLY - 8' Tri-Entry Drop Bars - ANSI/CSA, CE & AS
B	165145	1	PLATFORM ASSEMBLY - 6' Tri-Entry Drop Bars - ANSI/CSA, CE & AS
-	169127	1	• PLATFORM ASSEMBLY, A
	168608	1	• PLATFORM ASSEMBLY, B
1	(Ref.)	1	• • BASE, Platform (For components, refer to 1.4 Platform Base)
2	(Ref.)	1	• • RAILINGS (For components, refer to 1.5 Railings)
3	103865	12	• • BOLT, Hex head (0.312"-18 x 2.00" gr 5)
4	103996	32	• • WASHER, Flat (0.312")
5	103984	16	• • NUT, Hex head nylon lock (0.313"-18 gr 5)
6	103866	4	• • BOLT, Hex head (1.312"-18 x 2.25" gr 5)
7	(Ref.)	3	• • DROP BAR GATE (For components, refer to 1.7 Drop Bar Gate)
-	170630	1	• • D-RING ASSEMBLY
8	113122	1	• • • BRACKET, Safety ring
9	114989	1	• • • D-RING, Safety
10	103472	2	• • • WASHER, Flat (0.375")
11	104606	2	• • • NUT, Hex head nylon lock (0.375"-16, gr 5)
12	103915	2	• • • BOLT, Hex head (0.375"-16 x 3.50", gr 5)
13	171860	1	• • • WASHER
14	138559	1	• NUT, Torque lock (1"-8 gr C)
15	198789	1	• BOX, Manual
16	139193	8	• BOLT, Hex head (0.375"-16 x 0.875" gr 8)
17	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
18	138696	1	• BOLT, Hex head (1.0"-8 x 10.5" gr 8)
19	125959	8	• WASHER, Flat hardened (0.375")
20	103995	4	• WASHER, Flat (0.25")
21	102646	1	• WASHER, Flat (1.00")
22	115649	4	• NUT, Hex head nylon lock (0.25"-20 gr 5)
23	173200	1	• MANUAL, Manual of responsibilities (not shown)

1.2 Platform with a Single Drop Bar

AB



M212724AA

210340AE

16

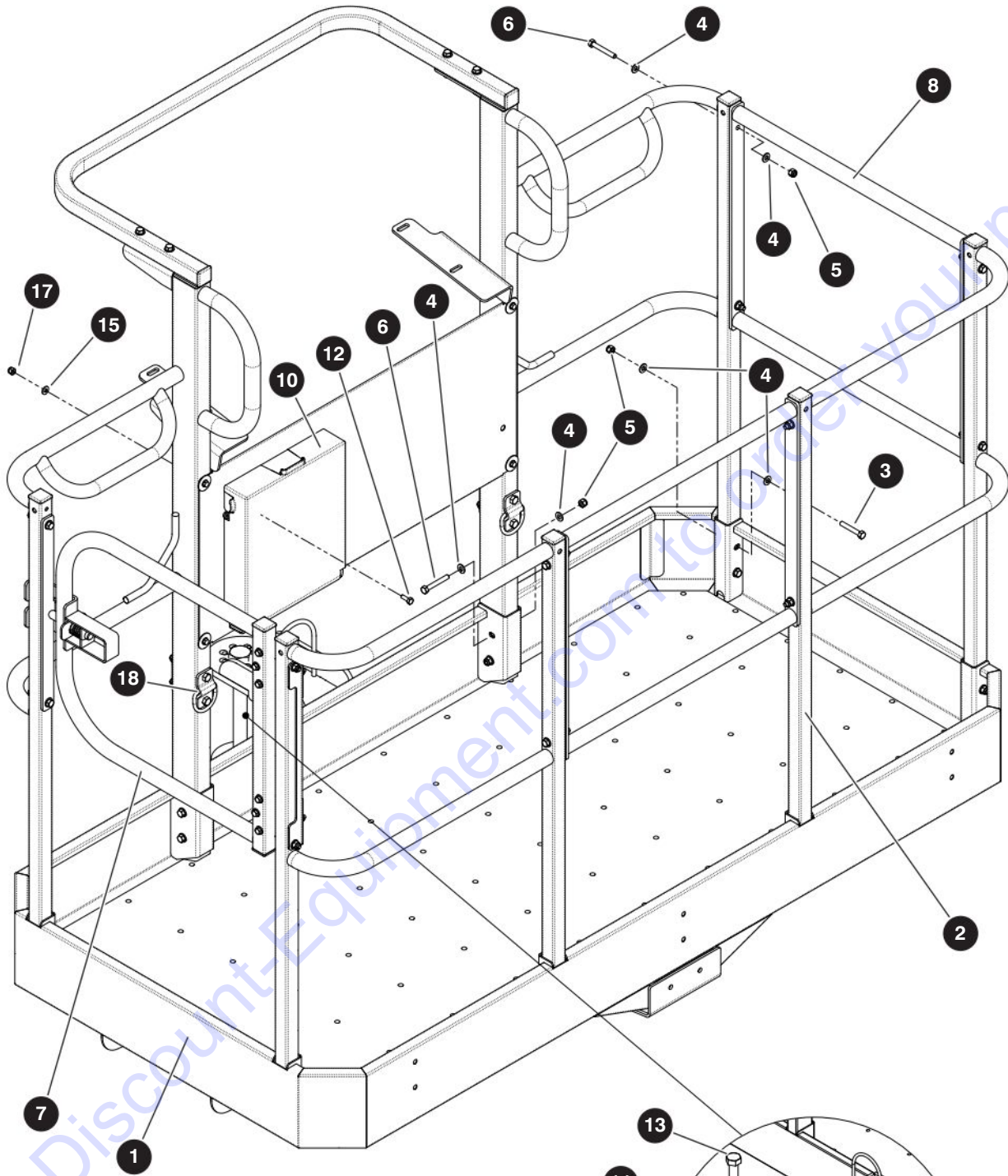
SJ85AJ

SKYJACK

1.2 Platform with a Single Drop Bar

Index No.	Skyjack Part No.	Qty.	Description
A	212403	1	PLATFORM ASSEMBLY - 8' Rear Entry Drop Bar - KC only
B	212724	1	PLATFORM ASSEMBLY - 6' Rear Entry Drop Bar - KC only
1	168240	1	• BASE, Platform, A
	165411	1	• BASE, Platform, B (For components, refer to 1.4 Platform Base)
2	(Ref.)	1	• RAILINGS (For components, refer to 1.5 Railings)
3	(Ref.)	1	• DROP BAR GATE (For components, refer to 1.7 Drop Bar Gate)
4	159456	2	• RAILING, Side
5	138559	1	• NUT, Torque lock (1"-8 gr C)
6	103996	48	• WASHER, Flat (0.312")
7	125959	8	• WASHER, Flat hardened (0.375")
8	102646	1	• WASHER, Flat (1.00")
9	103995	4	• WASHER, Flat (0.25")
10	103866	12	• BOLT, Hex head (0.312"-18 x 2.25" gr 5)
11	139193	8	• BOLT, Hex head (0.375"-16 x 0.875" gr 8)
12	138696	1	• BOLT, Hex head (1.0"-8 x 10.5" gr 8)
13	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
14	103865	12	• BOLT, Hex head (0.312"-18 x 2.00" gr 5)
15	103984	24	• NUT, Hex head nylon lock (0.313"-18 gr 5)
16	115649	4	• NUT, Hex head nylon lock (0.25"-20 gr 5)
17	198789	1	• BOX, Manual
18	170630	2	• D-RING
19	113122	1	• • BRACKET, Safety ring
20	114989	1	• • D-RING, Safety
21	103472	2	• • WASHER, Flat (0.375")
22	104606	2	• • NUT, Hex head nylon lock (0.375"-16, gr 5)
23	103915	2	• • BOLT, Hex head (0.375"-16 x 3.50", gr 5)
24	171860	1	• • WASHER
25	207981	1	• BAG, Resealable (not shown)
26	114710	1	• RING, Key (not shown)

1.3 Platform with Swing Gate



M198278AB

210340AE

18

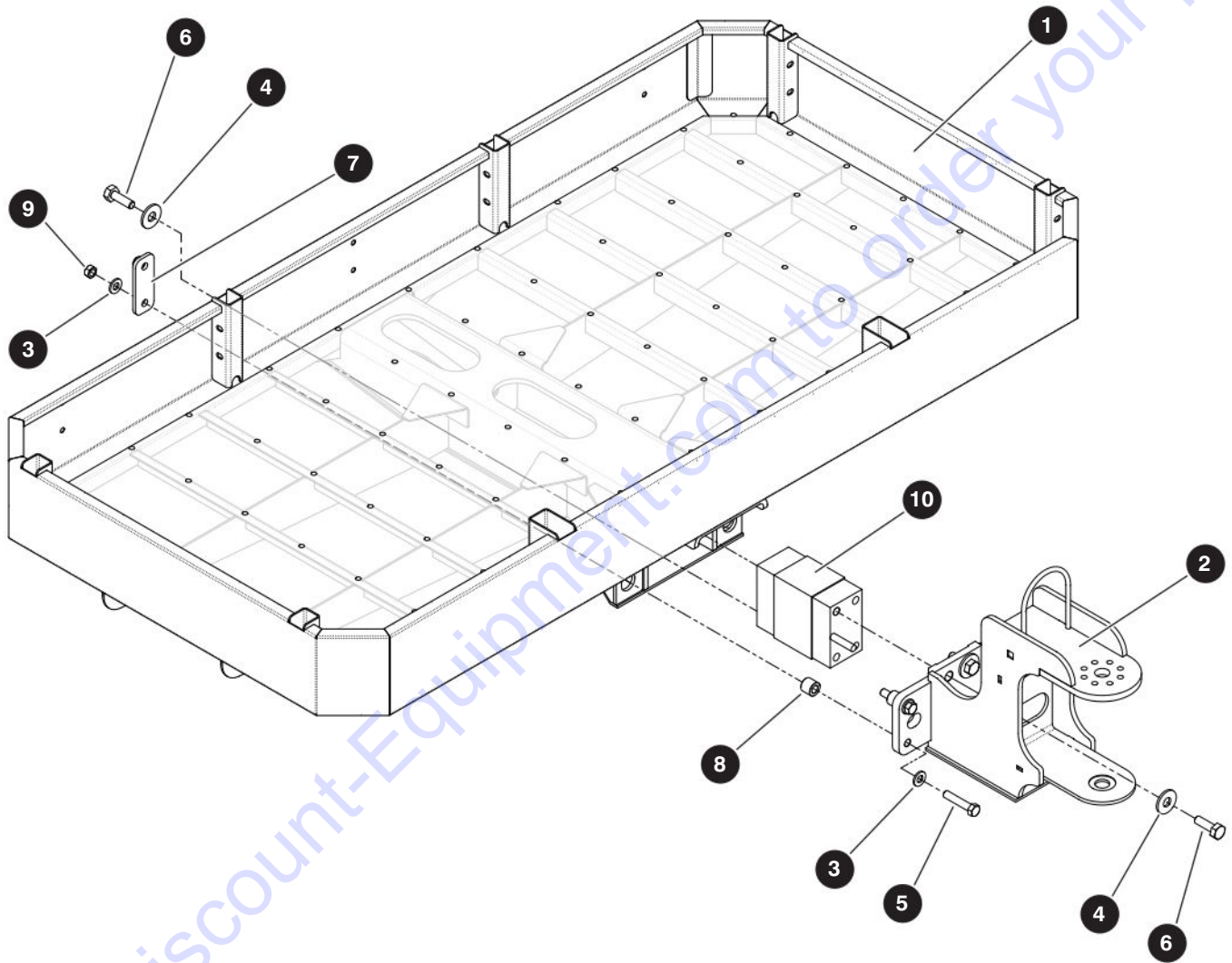
SJ85AJ

SKYJACK

1.3 Platform with Swing Gate

Index No.	Skyjack Part No.	Qty.	Description
A	208637	1	PLATFORM ASSEMBLY - 8' Side Swing Gate - ANSI/CSA, CE & AS
B	165142	1	PLATFORM ASSEMBLY - 8' Rear Swing Gate - ANSI/CSA, CE & AS
C	198278	1	PLATFORM ASSEMBLY - 6' Side Swing Gate - ANSI/CSA, CE & AS
D	165148	1	PLATFORM ASSEMBLY - 6' Rear Swing Gate - ANSI/CSA, CE & AS
-	208635	1	• PLATFORM ASSEMBLY, A
	168380	1	• PLATFORM ASSEMBLY, B
	198280	1	• PLATFORM ASSEMBLY, C
	168594	1	• PLATFORM ASSEMBLY, D
1	(Ref.)	1	• • BASE, Platform (For components, refer to 1.4 Platform Base)
2	(Ref.)	1	• • RAILINGS (For components, refer to 1.5 Railings)
3	103865	12	• • BOLT, Hex head (0.312"-18 x 2.00" gr 5)
4	103996	48	• • WASHER, Flat (0.312")
5	103984	24	• • NUT, Hex head nylon lock (0.313"-18 gr 5)
6	103866	12	• • BOLT, Hex head (1.312"-18 x 2.25" gr 5)
7	(Ref.)	1	• • SWING GATE (For components, refer to 1.6 Swing Gate)
8	159456	2	• • RAILING, Side
9	138559	1	• NUT, Torque lock (1"-8 gr C)
10	198789	1	• BOX, Manual
11	139193	8	• BOLT, Hex head (0.375"-16 x 0.875" gr 8)
12	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
13	138696	1	• BOLT, Hex head (1.0"-8 x 10.5" gr 8)
14	125959	8	• WASHER, Flat hardened (0.375")
15	103995	4	• WASHER, Flat (0.25")
16	102646	1	• WASHER, Flat (1.00")
17	115649	4	• NUT, Hex head nylon lock (0.25"-20 gr 5)
18	170630	2	• D-RING

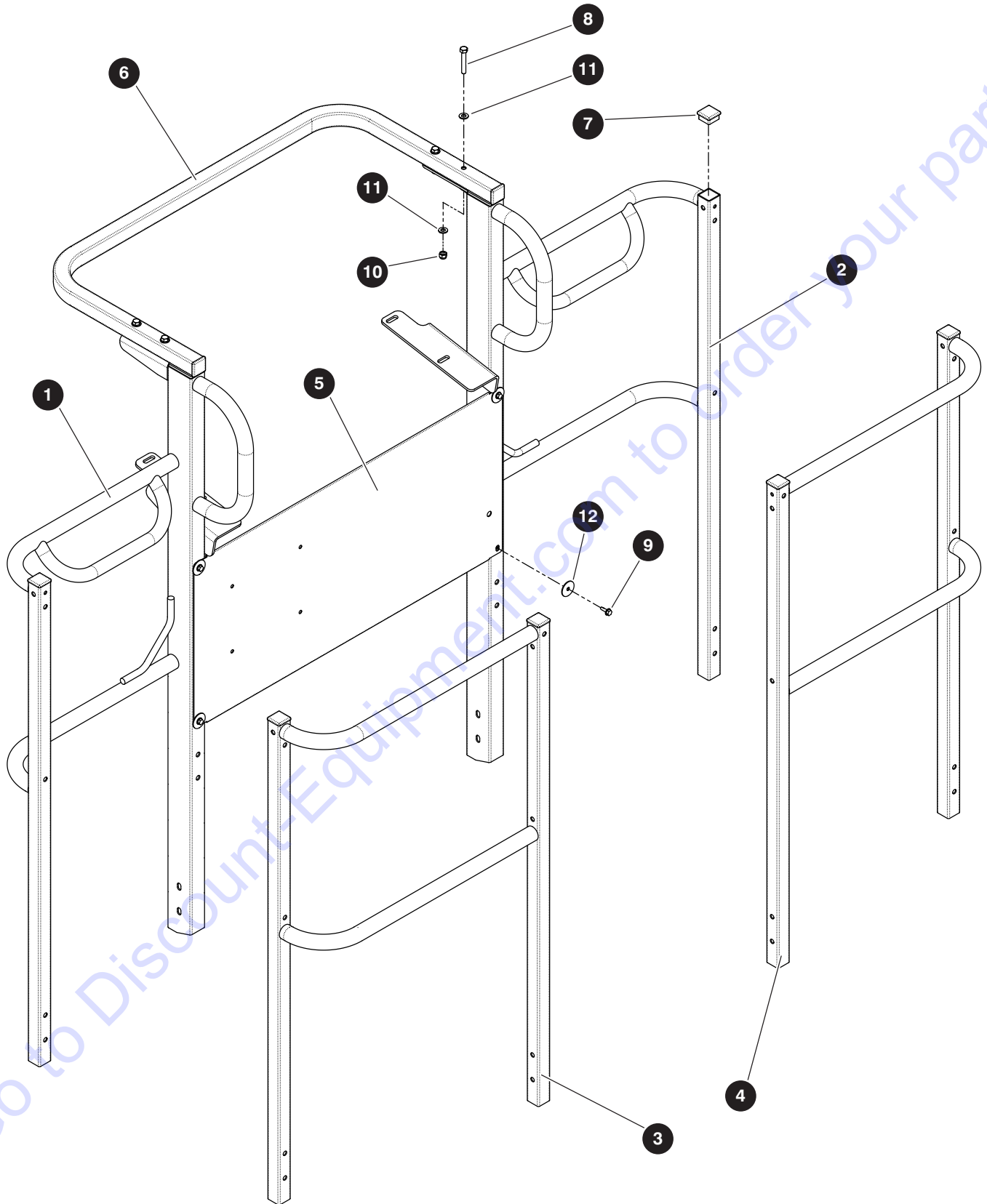
1.4 Platform Base



1.4 Platform Base

Index No.	Skyjack Part No.	Qty.	Description
A	168240	1	PLATFORM BASE ASSEMBLY - 36" x 96"
B	165411	1	PLATFORM BASE ASSEMBLY - 36" x 72"
1	168222	1	• WELDMENT, Platform base, A
	165412	1	• WELDMENT, Platform base, B
2	168230	1	• MOUNT, Rotary Actuator
3	104379	8	• WASHER, Flat hardened (0.50")
4	144329	8	• WASHER, Flat hardened (M16)
5	144575	4	• BOLT, Hex head (0.50"-13 x 2.50" gr 8)
6	144502	8	• BOLT, Hex head (M16 x 1.5 x 45 gr 8.8)
7	144365	2	• WASHER, Safety
8	144574	4	• SPACER, Load cell
9	138791	4	• NUT, Torque lock (0.50"-13 gr C)
10	167182	1	• LOAD CELL, MOBA
11	221394	1	CORD, Patch - MOBA load cell (not shown)
12	144456	1	TOOL, Hand set - MOBA Teach-in (not shown)

1.5 Railings



M154334AF_1

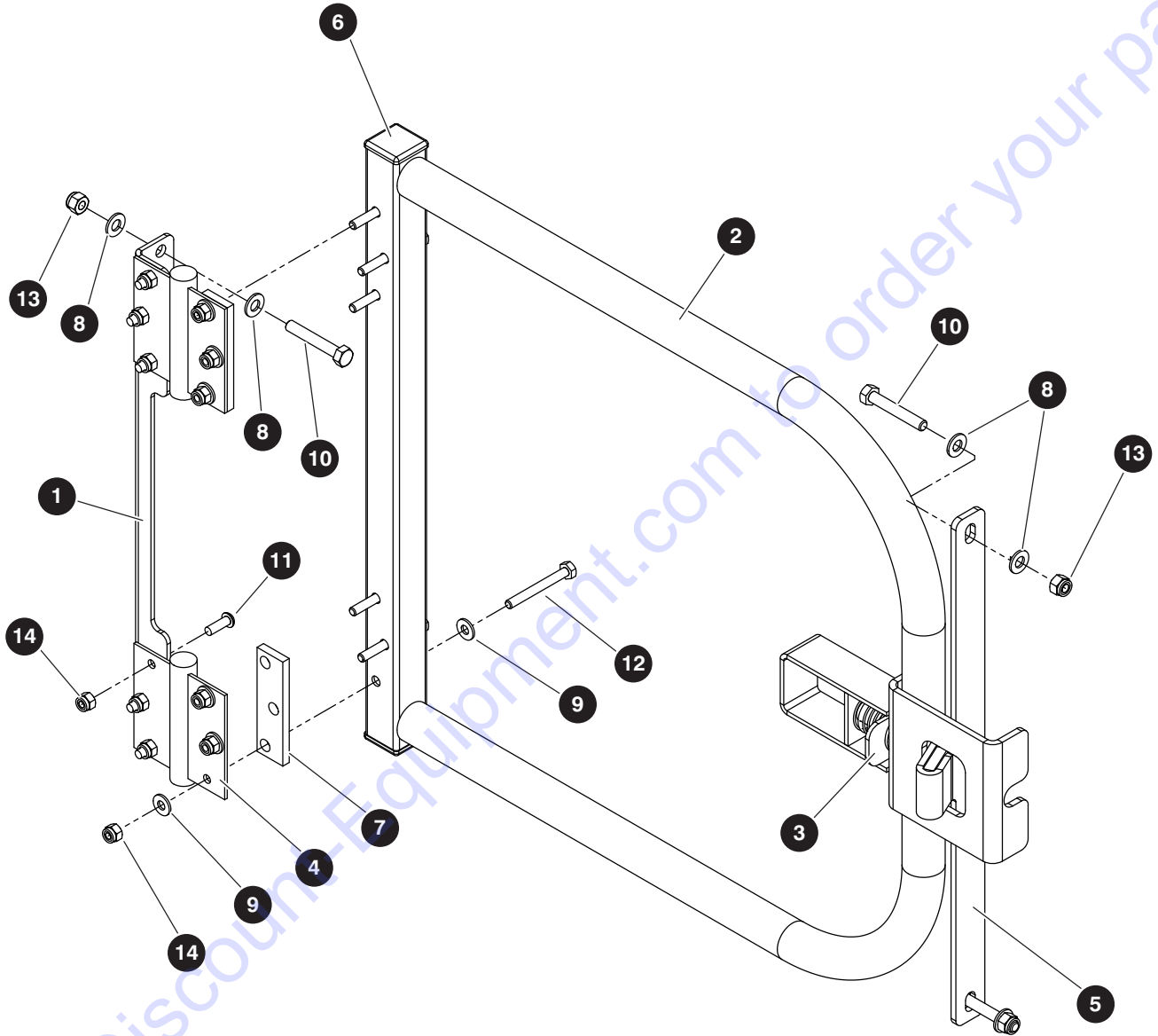
210340AE

SJ85AJ

1.5 Railings

Index No.	Skyjack Part No.	Qty.	Description
A	154293	1	RAILINGS - 36" x 96" Platform
B	154334	1	RAILINGS - 36" x 72" Platform
1	159581	1	• RAILING, Front LH, A
	154319	1	• RAILING, Front LH, B
2	159585	1	• RAILING, Front RH, A
	154318	1	• RAILING, Front RH, B
3	159583	1	• RAILING, Back LH, A
	154321	1	• RAILING, Back LH, B
4	159584	1	• RAILING, Back RH, A
	154320	1	• RAILING, Back RH, B
5	159586	1	• GUARD, Front
6	149098	1	• RAILING, Front
7	100702	8	• CAP, End - plastic
8	103865	4	• BOLT, Hex head (0.312"-18 x 2.00" gr 5)
9	103632	4	• SCREW, Hex head self-tapping (0.25"-14 x 0.75")
10	103984	4	• NUT, Lock (0.313"-18 gr 5)
11	103996	8	• WASHER, Flat (0.312")
12	700598	4	• WASHER, Fender

1.6 Swing Gate



M164618AB

210340AE

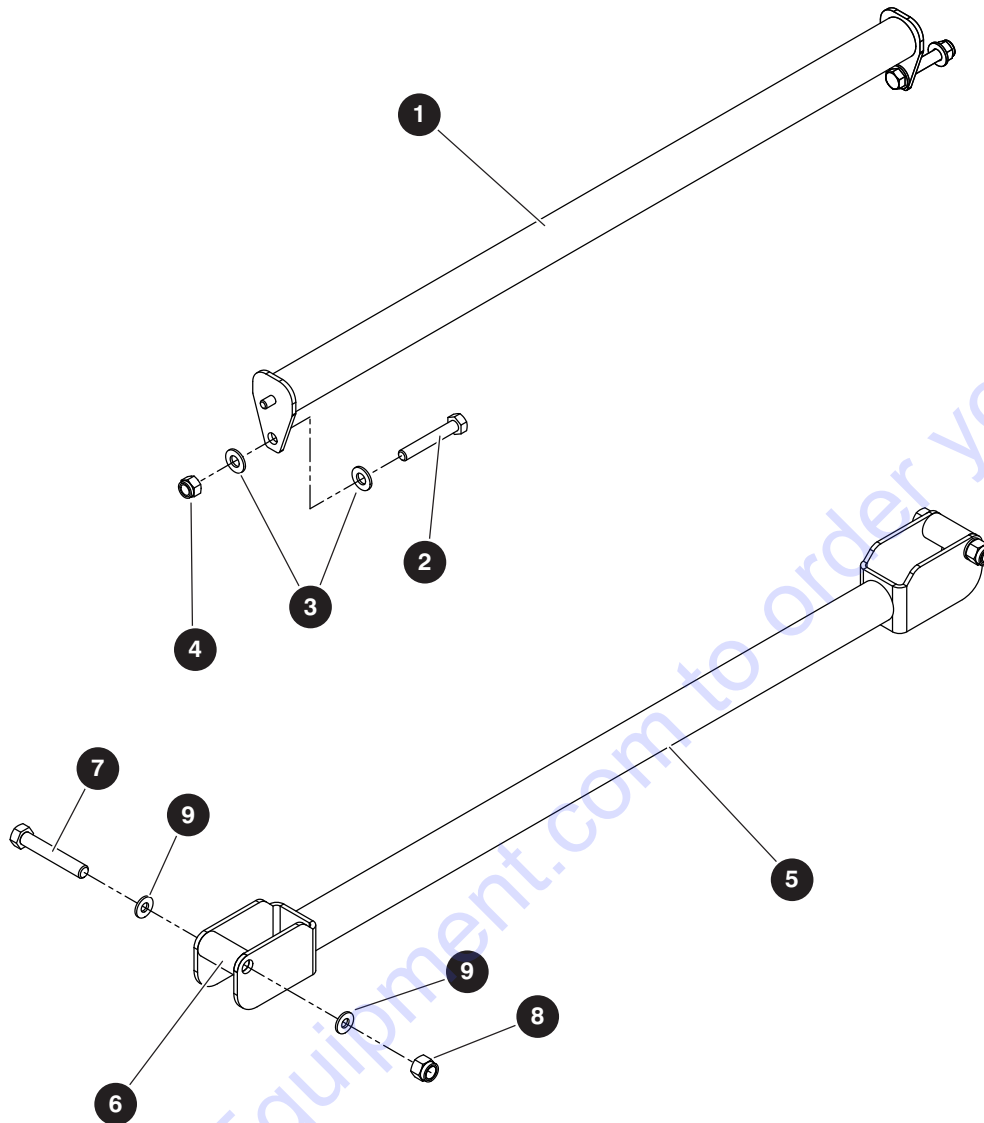
24

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	194073	1	SWING GATE FIELD KIT
-	164618	1	• SWING GATE ASSEMBLY
1	164590	1	• • BRACKET, Hinge mounting
2	164619	1	• • WELDMENT, Gate
3	110824	1	• • LATCH, Door spring pin
	105312	1	• • • LATCH, Nylon bed
	109377	1	• • • PIN, Latch
	105307	1	• • • HANDLE, Gate latch
	103107	1	• • • SPRING, Compression
	100950	1	• • • PIN, Roll (1/8" dia x 1.00")
4	209527	2	• • HINGE, Spring gate satin chrome
5	166287	1	• • WELDMENT, Locking plate
6	100702	2	• • PLUG, Plastic tube (1-1/4" x 1-1/4")
7	164592	2	• • TAB, Hinge
8	103996	8	• • WASHER, Flat (0.31")
9	103995	12	• • WASHER, Flat (0.25")
10	103865	4	• • BOLT, Hex head (0.31"-18 x 2.00" gr 5)
11	139168	6	• • SCREW, Button head (0.25"-20 x 0.75")
12	103862	6	• • BOLT, Hex head (0.25"-20 x 2.25" gr 5)
13	103984	4	• • NUT, Hex head nylon lock (0.31"-18 gr B)
14	115649	12	• • NUT, Hex head nylon lock (0.25"-20 gr 5)
15	194065	1	• INSTRUCTION, Swing gate installation (not shown)

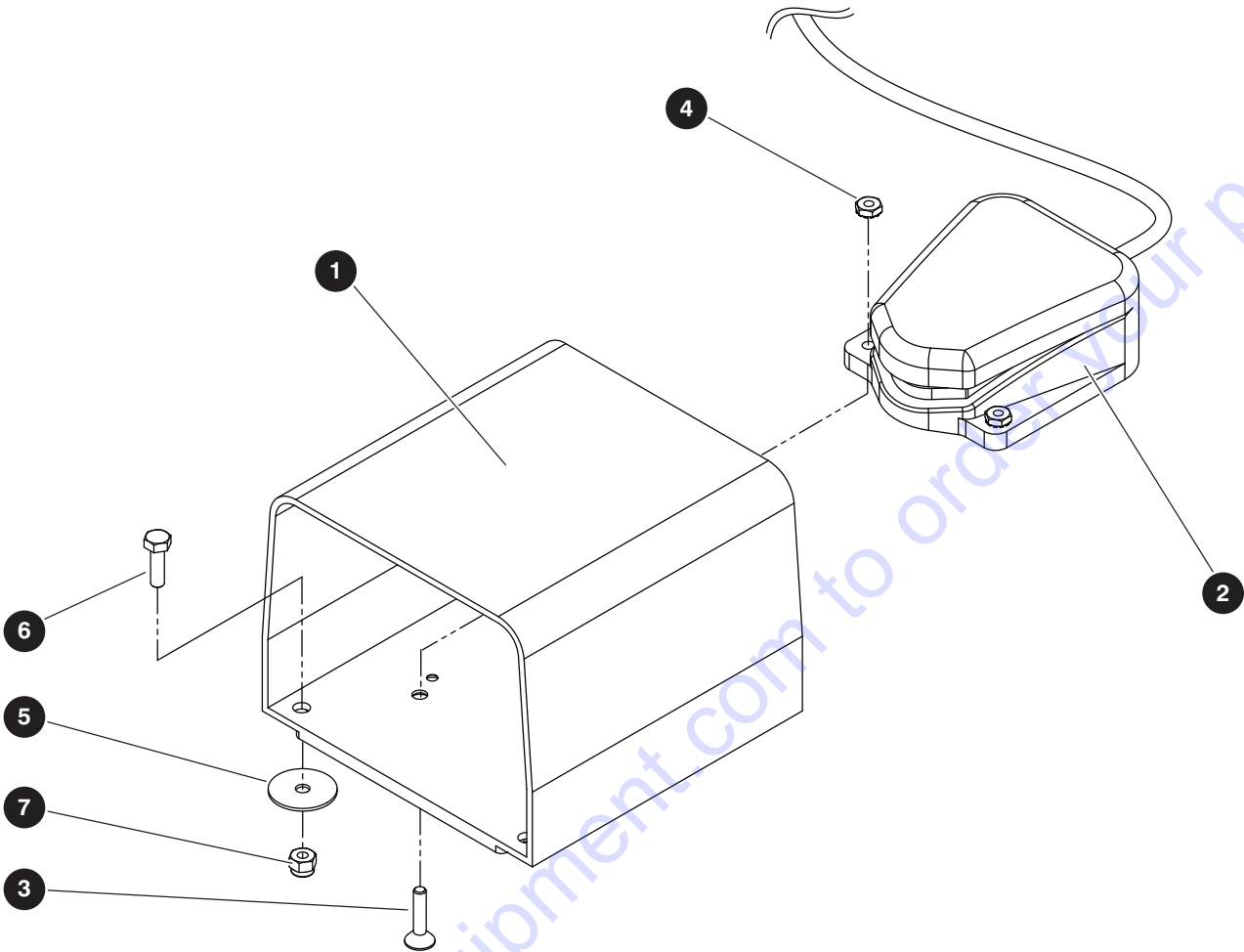
1.7 Drop Bar Gate



M192280AA

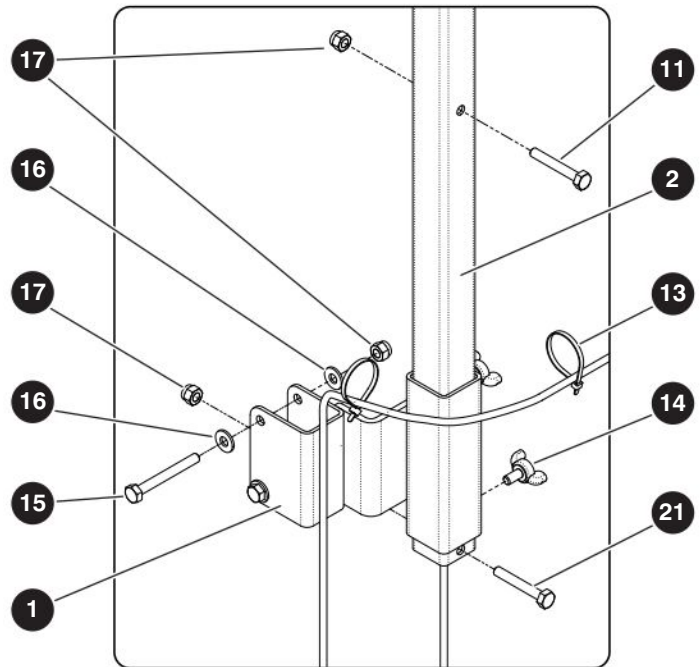
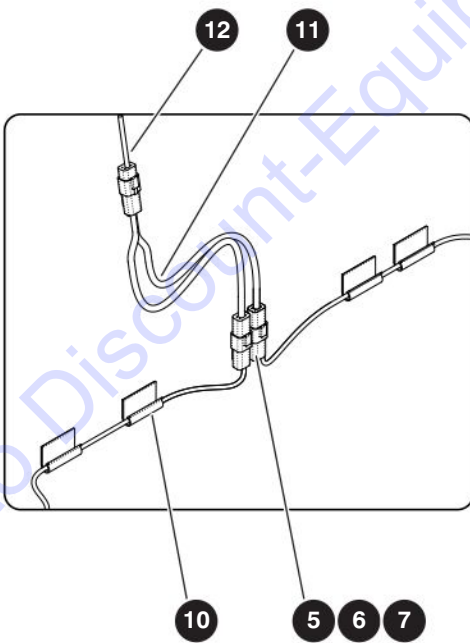
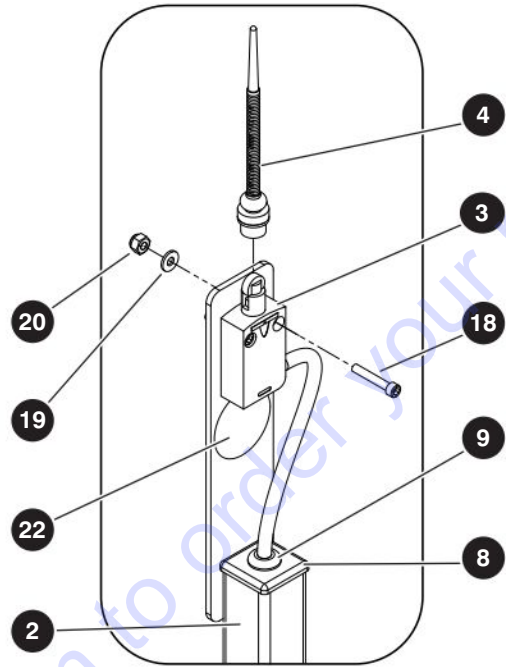
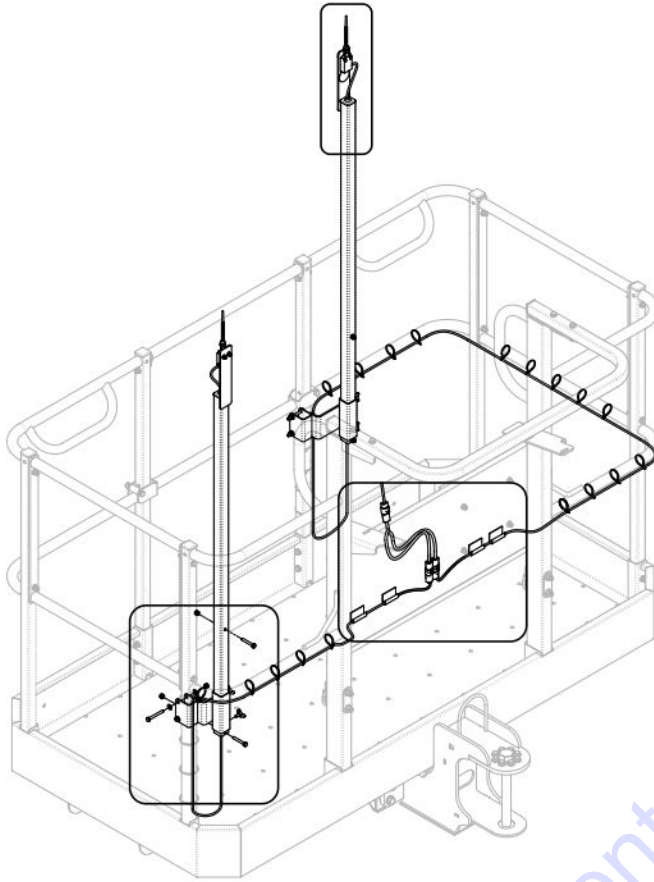
Index No.	Skyjack Part No.	Qty.	Description
-	194069	1	DROP BAR GATE FIELD KIT
-	171986	1	• DROP BAR GATE
1	160708	1	• • TIE BAR
2	103865	2	• • BOLT, Hex head (0.312"-18 x 2.00" gr 5)
3	103996	4	• • WASHER, Flat (0.312" SAE)
4	103984	2	• • NUT, Lock (0.313"-18 gr 5 nylon)
-	162965	1	• • DROP BAR ASSEMBLY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

1.8 Footswitch



M154127AC_1

Index No.	Skyjack Part No.	Qty.	Description
-	154127	1	FOOTSWITCH
1	700188	1	• COVER, Footswitch
2	700187	1	• SWITCH, Foot
3	139688	2	• SCREW, Flat head machine (0.25"-20 x 1.00")
4	130017	2	• NUT, Hex head K-lock
5	700598	4	WASHER, Fender
6	103891	4	BOLT, Hex head (0.25"-20 x 0.875" gr 5)
7	115649	4	NUT, Hex head nylon lock (0.25"-20 gr 5)



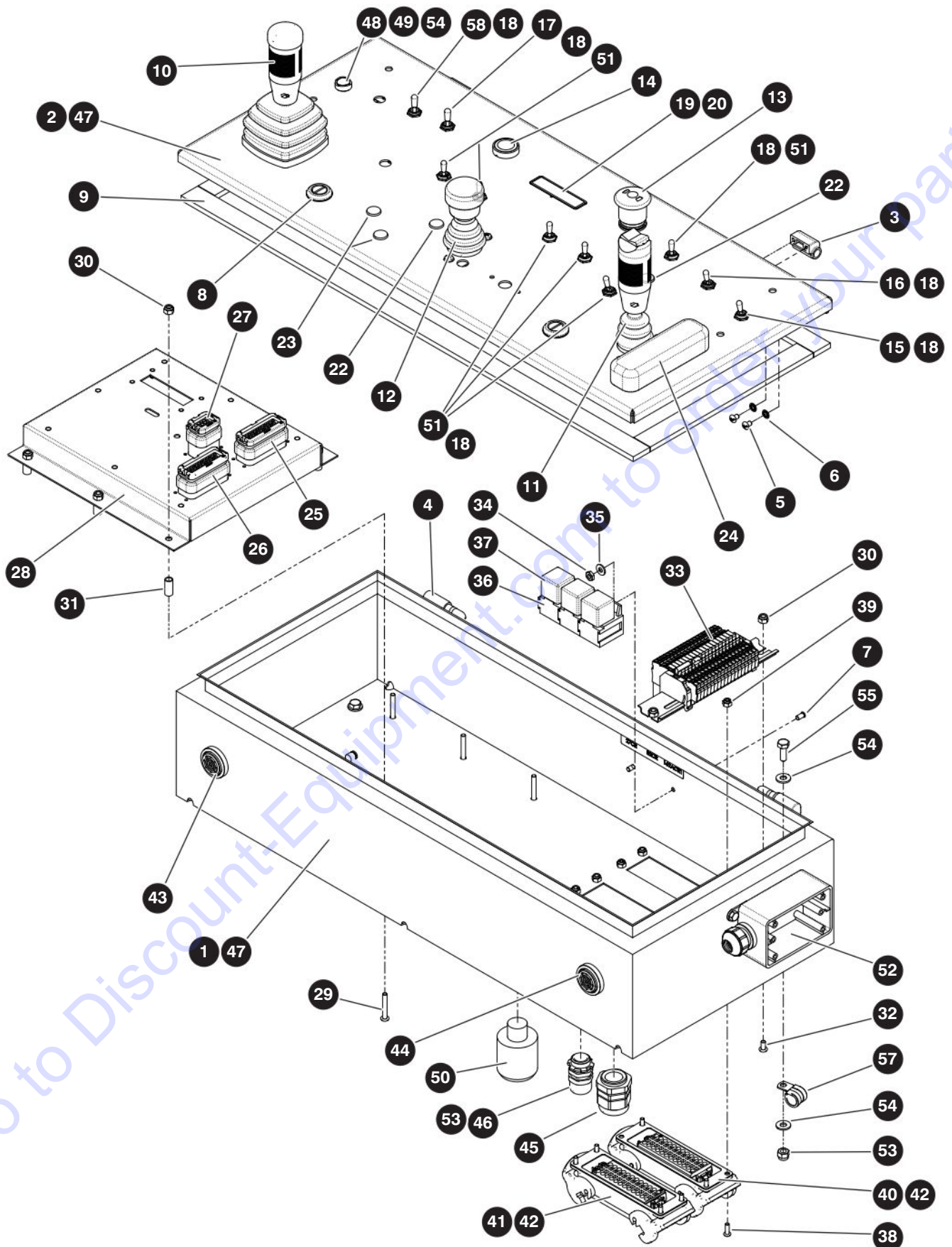
M211398AB

210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
-	211398	-	ANTI-OVERRISING POSTS - KC
1	216010	1	• CLAMP, Limit Switch - controls side
	207280	1	• CLAMP, Limit Switch - entrance side
2	207863	2	• TUBE, Front
-	211396	2	• LIMIT SWITCH ASSEMBLY - Long
3	119348	1	• • SWITCH, Limit
4	207485	1	• • HEAD, Spring - limit switch
5	117578	1	• • CONNECTOR, Receptacle (4-pin)
6	117580	1	• • CONNECTOR, Receptacle (4-pin wedge)
7	117590	4	• • CONNECTOR, Pin contact (16-18)
8	208898	1	• • PLUG, Tube
9	208897	1	• • GROMMET, Rubber (0.66" OD x 0.28" ID x 0.42")
10	108791	4	• CLIP, Cord - adhesive
11	207314	1	• HARNESS, Limit switch - KC (For components, refer to 7.8 Anti-Overrising Posts Harness - KC)
12	216062	1	• HARNESS, Upper Controls - KC (For components, refer to 7.9 Upper Control Harness - KC)
13	102892	26	• TIEWRAP, Cable (5.375")
14	192361	4	• SCREW, Wing (0.25"-20 x 0.50" gr 5)
15	103862	4	• BOLT, Hex head (0.25"-20 x 2.25" gr 5)
16	103995	8	• WASHER, Flat (0.25")
17	115649	8	• NUT, Lock (0.25"-20 gr 5 nylon)
18	207325	4	• SCREW, Socket head cap (8-32 x 1.00")
19	103991	4	• WASHER, Flat (#8)
20	138765	4	• NUT, Lock (8-32 gr 5 nylon)
21	103860	4	• BOLT, Hex head (0.25"-20 x 1.75" gr 5)
22	156613	2	• LABEL, Do not alter limit switches

1.10 Platform Control Box



M198471AA

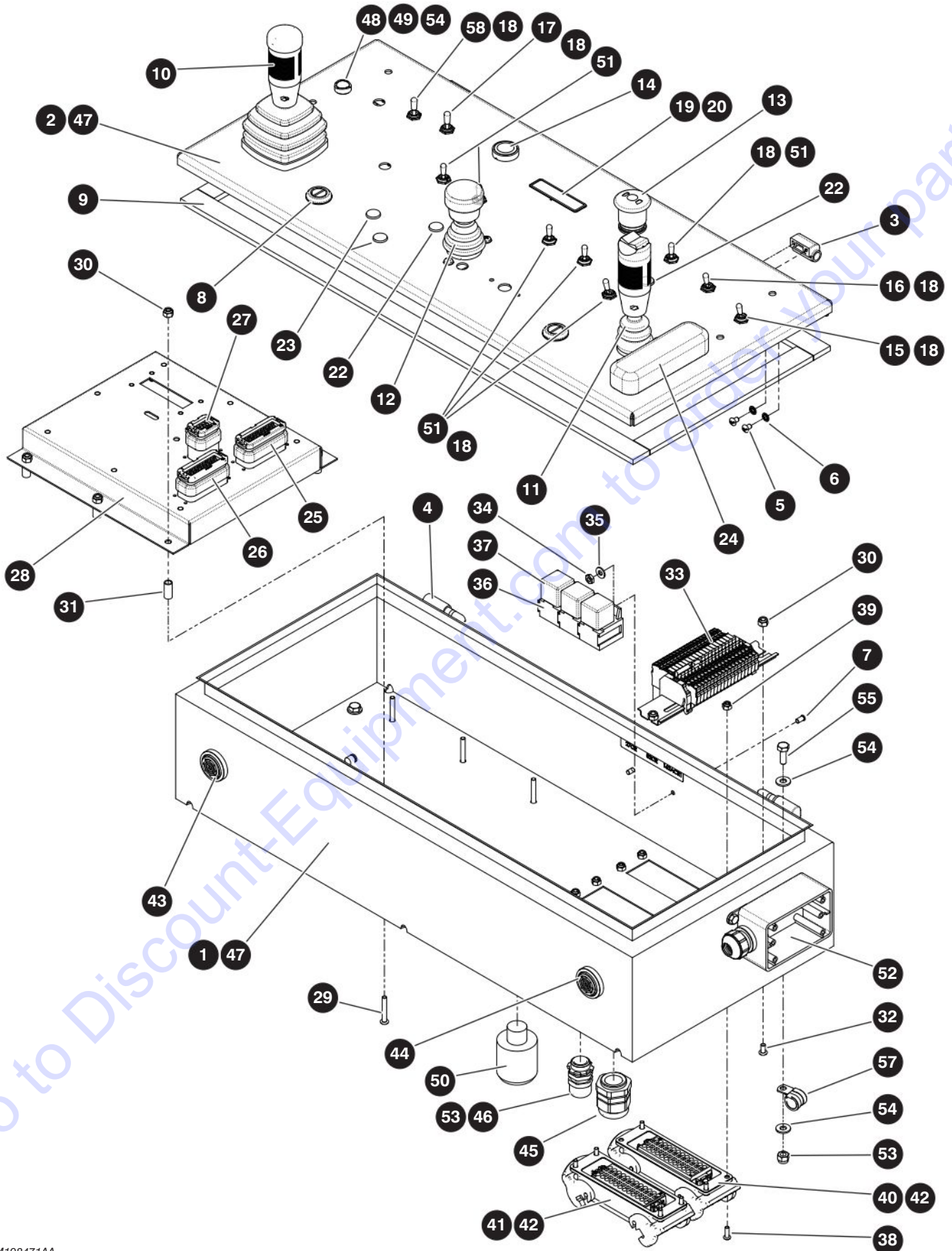
210340AE

30

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
A	198471	1	PLATFORM CONTROLS - ANSI/CSA
B	198225	1	PLATFORM CONTROLS - CE & AS
C	216067	1	PLATFORM CONTROLS - KC
-	198472	1	• PLATFORM CONTROL BOX, A
	198130	1	• PLATFORM CONTROL BOX, B
	216066	1	• PLATFORM CONTROL BOX, C
-	198360	1	• • PLATFORM CONTROL BOX SUBASSEMBLY
1	198361	1	• • • BODY, Control box
2	198362	1	• • • LID, Control box
3	149384	1	• • • HINGE, LH - nylon
4	149385	1	• • • HINGE, RH - nylon
5	103959	8	• • • SCREW, Round head machine (10-24 x 0.25")
6	163512	8	• • • WASHER, Lock - int tooth (#10)
7	159879	2	• • • STUD (10-32 x 0.375")
8	138715	2	• • • LATCH, Door - slotted
9	138334	1	• • • WEATHER STRIP, Cut
10	138225	1	• • CONTROLLER, Dual axis (Boom/Turret) (For components, refer to 1.11 Boom/Turret Controller)
11	138224	1	• • CONTROLLER, Single axis (Drive/Steer) (For components, refer to 1.12 Drive/Steer Controller)
12	148707	1	• • CONTROLLER, Single axis (Riser) (For components, refer to 1.13 Riser Boom Controller)
13	144647	1	• • SWITCH, E-stop
14	144648	1	• • PUSHBUTTON, Horn
15	115747	1	• • SWITCH, Toggle (1NT1-3)
16	115574	1	• • SWITCH, Toggle (1NT1-2)
17	124446	1	• • SWITCH, Toggle (2NT1-50)
18	144016	9	• • SEAL, Panel bushing - toggle switch
19	138229	1	• • MODULE, Upper indicating
20	138379	1	• • CONNECTOR, 8 pin plug - Metri-pack
21	102921	1	• • DIODE, T6A40L (not shown)
22	171502	2	• • LIGHT, Indicator - 14V amber
23	171501	2	• • LIGHT, Indicator - 14V green
24	149402	1	• • HANDREST
25	149456	1	• • PLUG, 35 position - white
26	165612	1	• • PLUG, 35 position - grey
27	198366	1	• • PLUG, 14 position - black
28	208873	1	• • MODULE, Boom control (SCM)
29	122498	6	• • SCREW, Round head machie (10-32 x 1.25")
30	300450	8	• • NUT, Lock (10-32 gr 5 nylon)



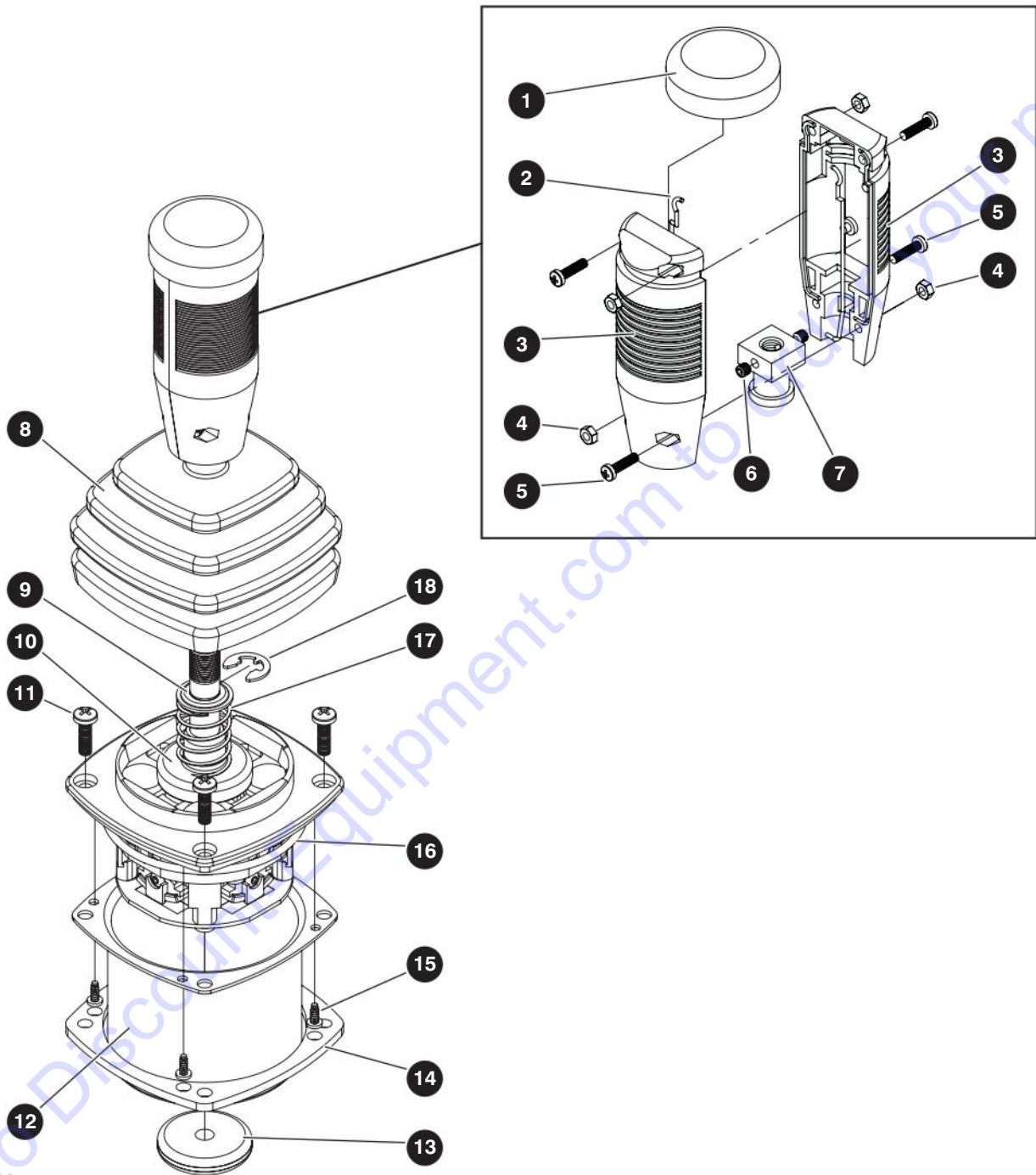
M198471AA

210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
31	128571	6	• • SLEEVE, Anti-vibration mount
32	115545	2	• • SCREW, Round head machine (10-32 x 0.375")
33	(Ref.)	1	• • TERMINAL STRIP, Platform (For components, refer to 1.14 Platform Terminal Strip)
34	104003	2	• • NUT, Hex (10-32)
35	104694	2	• • WASHER, Flat (#10)
36	138749	3	• • SOCKET, Relay
37	127131	3	• • RELAY, 12 V 40 amp
38	103957	8	• • SCREW, Round head machine (8-32 x 0.50")
39	138765	8	• • NUT, Lock (8-32 gr 5 nylon)
40	138755	1	• • PLUG, Spring - 24 pole 16A
41	138756	1	• • SOCKET, Spring - 24 pole 16A
42	138751	2	• • HOUSING, Open bottom - 24 pole levered
43	103057	1	• • BEEPER, Slow pulsing (4-28 VDC)
44	144387	1	• • ALARM, Continuous tone
45	116266	1	• • STRAIN RELIEF (PG21)
46	103036	3	• • STRAIN RELIEF (0.50 NPT)
47	(Ref.)	1	• • LABEL ASSEMBLY, Platform Controls (For components, refer to 10.4 Labels - Platform)
48	166087	1	• • PUSHBUTTON, Flush spring return - yellow
49	166086	1	• • BLOCK, Contact - D 12-24 V
50	166110	1	• • ALARM/FLASHER, 12V, red LED
51	102853	6	• • SWITCH, Toggle (1NT1-7)
52	(Ref.)	1	• • PLATFORM OUTLET BOX, A (For components, refer to 1.16 Platform Outlet)
53	102956	2	• • PLUG, Hole (0.875"), C
54	216065	1	• • PLUG, Hole (0.63"), C
53	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon)
54	103995	8	• WASHER, Flat (0.25")
55	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
56	198203	1	• HARNESS, Jib & platform rotate (not shown)
57	103024	1	• CLAMP, Single clip (G8)
58	115574	1	SWITCH, TOGGLE - Kubota WG3800 engine

1.11 Boom/Turret Controller



M138225AA

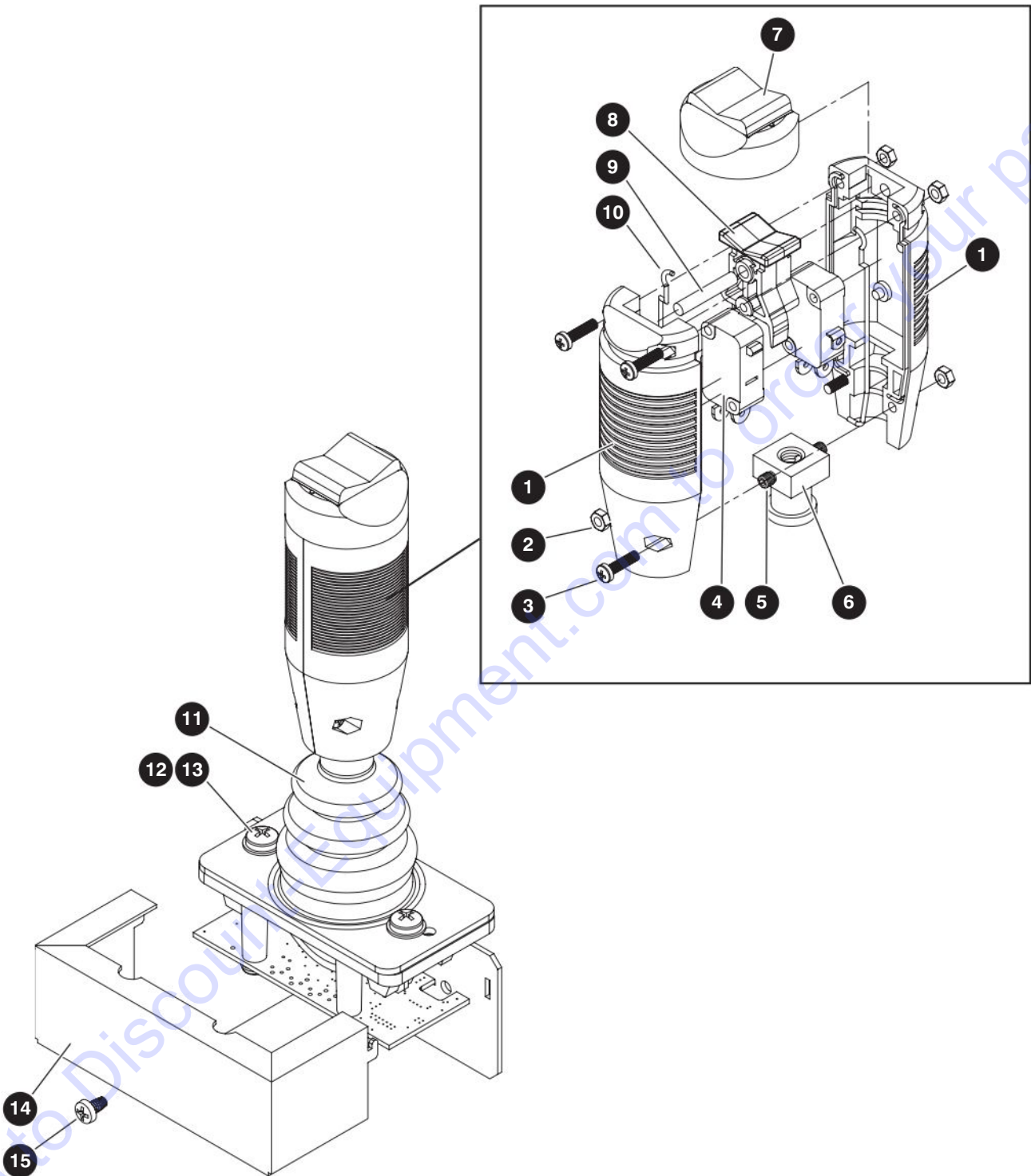
210340AE

SJ85AJ

1.11 Boom/Turret Controller

Index No.	Skyjack Part No.	Qty.	Description
-	138225	-	BOOM / TURRET CONTROLLER (DUAL AXIS)
1	141326	1	<ul style="list-style-type: none"> • CAP, Rubber
2	141327	2	<ul style="list-style-type: none"> • GASKET
3	141325	2	<ul style="list-style-type: none"> • HANDLE, Half
4	141328	4	<ul style="list-style-type: none"> • NUT
5	141329	4	<ul style="list-style-type: none"> • SCREW
6	141331	2	<ul style="list-style-type: none"> • SCREW, Set
7	141330	1	<ul style="list-style-type: none"> • COUPLING, (10 mm)
8	141313	1	<ul style="list-style-type: none"> • BOOT
9	141323	1	<ul style="list-style-type: none"> • WASHER, Retainer
10	141315	1	<ul style="list-style-type: none"> • SHOE, Spring
11	141321	4	<ul style="list-style-type: none"> • SCREW, Mounting (M4)
12	141316	1	<ul style="list-style-type: none"> • CAN, Enclosure
13	141320	1	<ul style="list-style-type: none"> • GROMMET, Rubber
14	141317	1	<ul style="list-style-type: none"> • GASKET, Mounting
15	141319	4	<ul style="list-style-type: none"> • SCREW
16	141318	1	<ul style="list-style-type: none"> • O-RING
17	141324	1	<ul style="list-style-type: none"> • SPRING, Compression
18	141322	1	<ul style="list-style-type: none"> • CLIP, Retainer

1.12 Drive/Steer Controller



M138224AA

210340AE

36

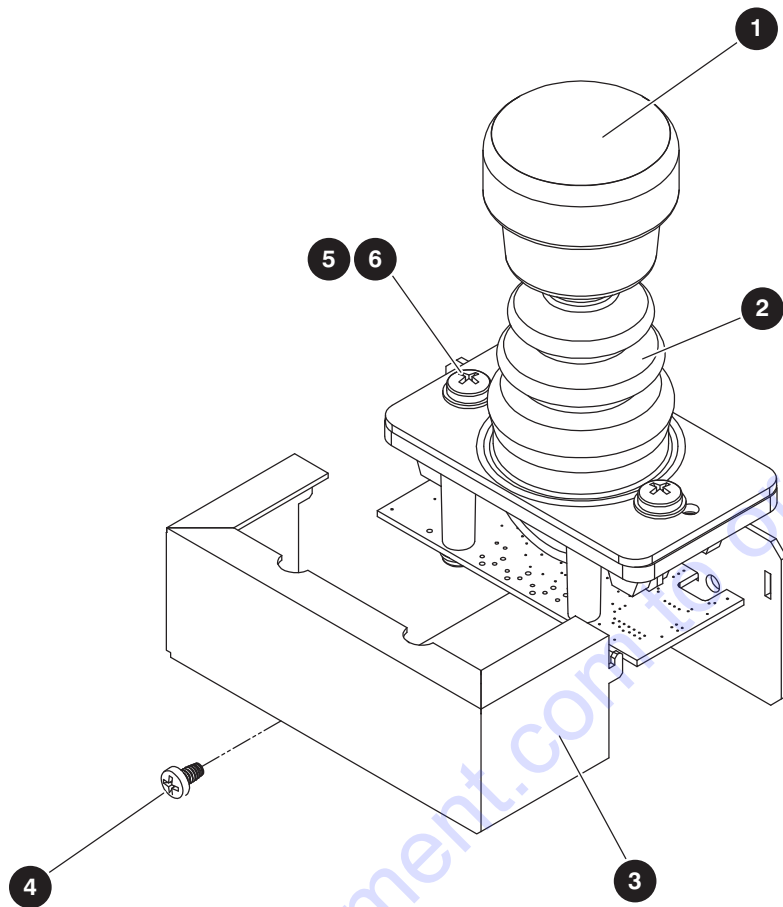
SJ85AJ

SKYJACK

1.12 Drive/Steer Controller

Index No.	Skyjack Part No.	Qty.	Description
-	138224	-	DRIVE / STEER CONTROLLER (SINGLE AXIS)
1	141338	2	<ul style="list-style-type: none"> • HANDLE, Half
2	141328	4	<ul style="list-style-type: none"> • NUT
3	141329	4	<ul style="list-style-type: none"> • SCREW
4	141342	2	<ul style="list-style-type: none"> • MICROSWITCH
5	141331	2	<ul style="list-style-type: none"> • SCREW, Set
6	141343	1	<ul style="list-style-type: none"> • COUPLING, (8 MM)
7	141339	1	<ul style="list-style-type: none"> • CAP, Rubber
8	141340	1	<ul style="list-style-type: none"> • ROCKER
9	141341	1	<ul style="list-style-type: none"> • ROCKER, Axel
10	141327	2	<ul style="list-style-type: none"> • GASKET
11	141334	1	<ul style="list-style-type: none"> • BOOT ASSEMBLY, Standard
12	141336	2	<ul style="list-style-type: none"> • SCREW Mounting
13	141335	2	<ul style="list-style-type: none"> • WASHER, Mounting
14	141333	1	<ul style="list-style-type: none"> • ENCLOSURE
15	141337	1	<ul style="list-style-type: none"> • SCREW, Enclosure

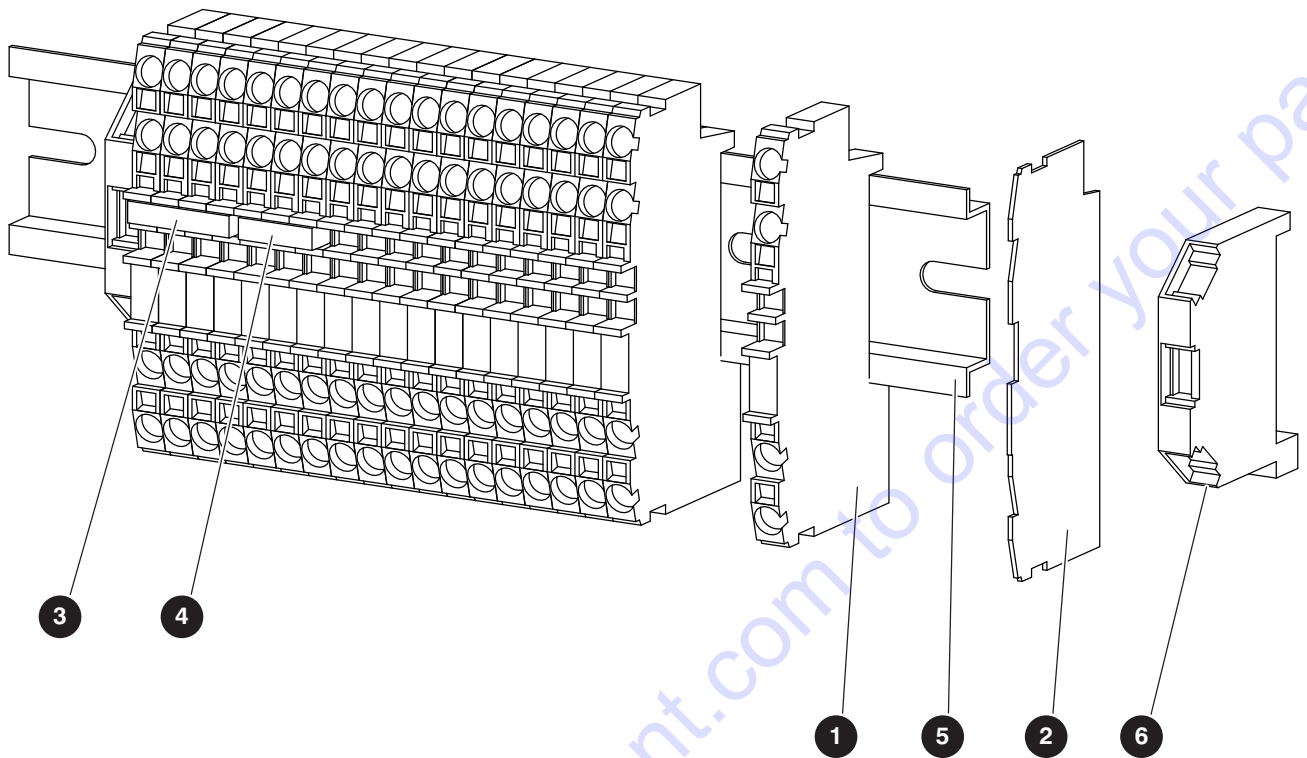
1.13 Riser Boom Controller



M148707AA

Index No.	Skyjack Part No.	Qty.	Description
-	148707	1	RISER BOOM CONTROLLER (SINGLE AXIS)
1	154648	1	• CAP, Handle
2	141334	1	• BOOT, Standard
3	141333	1	• ENCLOSURE
4	141337	1	• SCREW, Enclosure
5	141336	2	• SCREW, Mount
6	141335	2	• WASHER, Mount

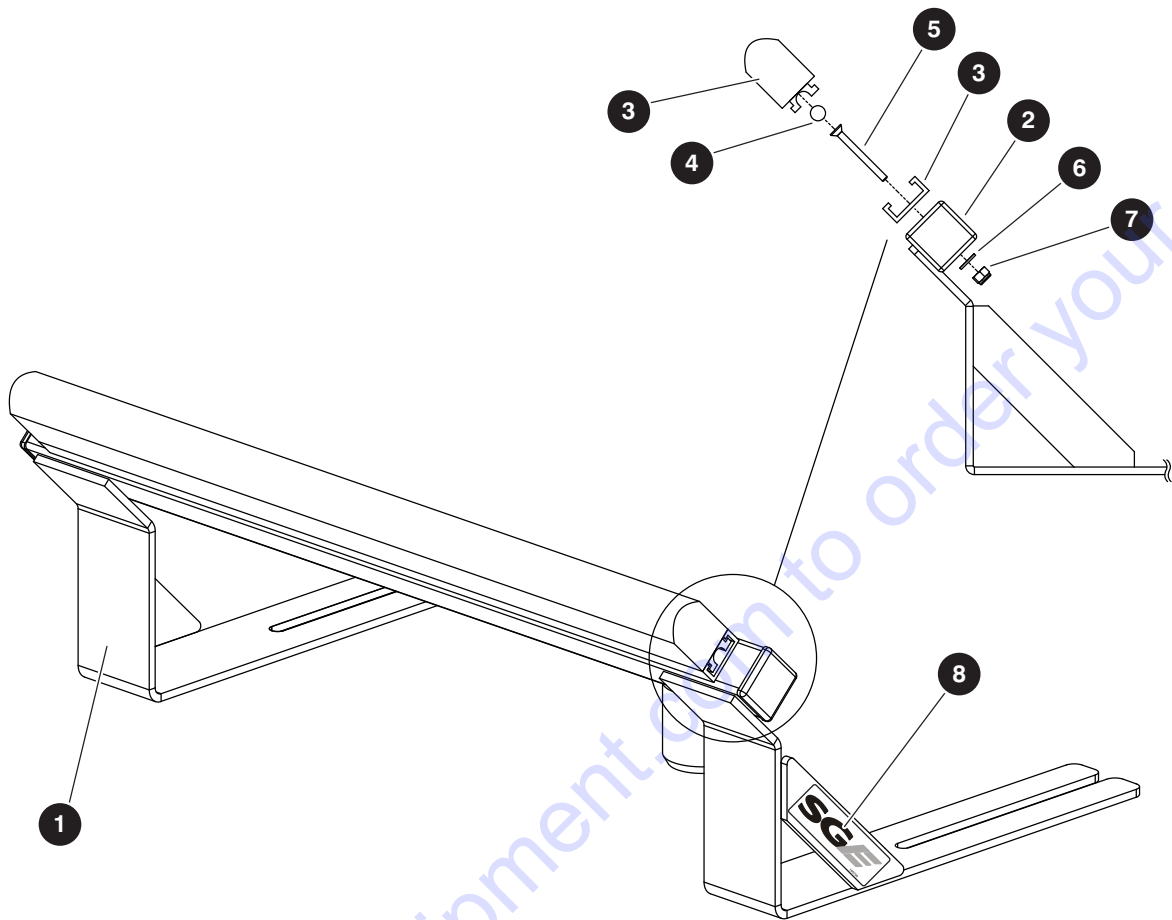
1.14 Platform Terminal Strip



M123456AA

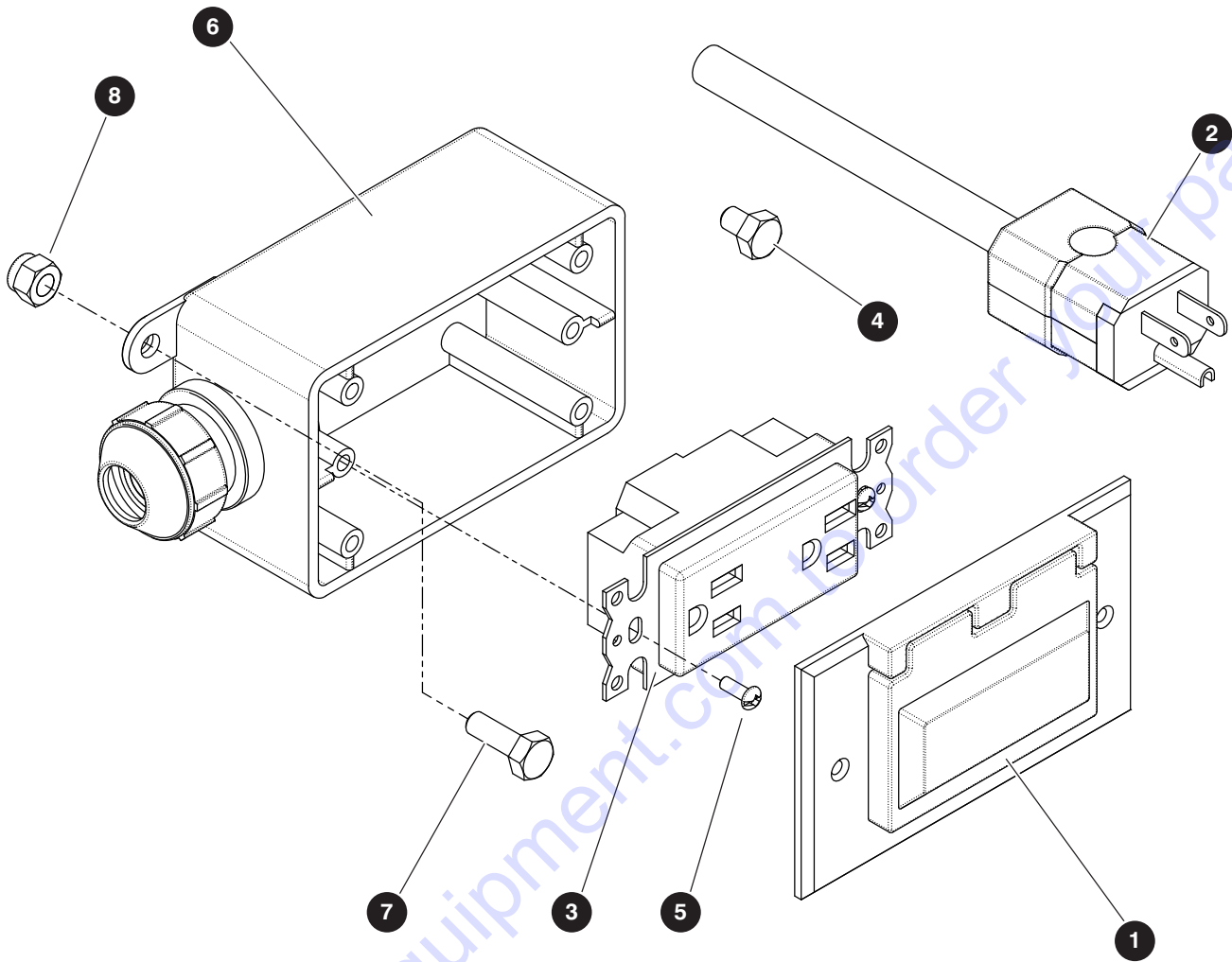
Index No.	Skyjack Part No.	Qty.	Description
-	198367	1	PLATFORM TERMINAL STRIP
1	137940	19	• TERMINAL BLOCK (4 cond through)
2	137941	1	• PLATE, End/intermediate
3	137943	1	• JUMPER, 3-pin (25 A)
4	170929	1	• JUMPER, 4-pin (25 A)
5	102874	7"	• RAIL, DIN (180 mm)
6	707147	2	• STOP, End

1.15 SGE



M198348AA

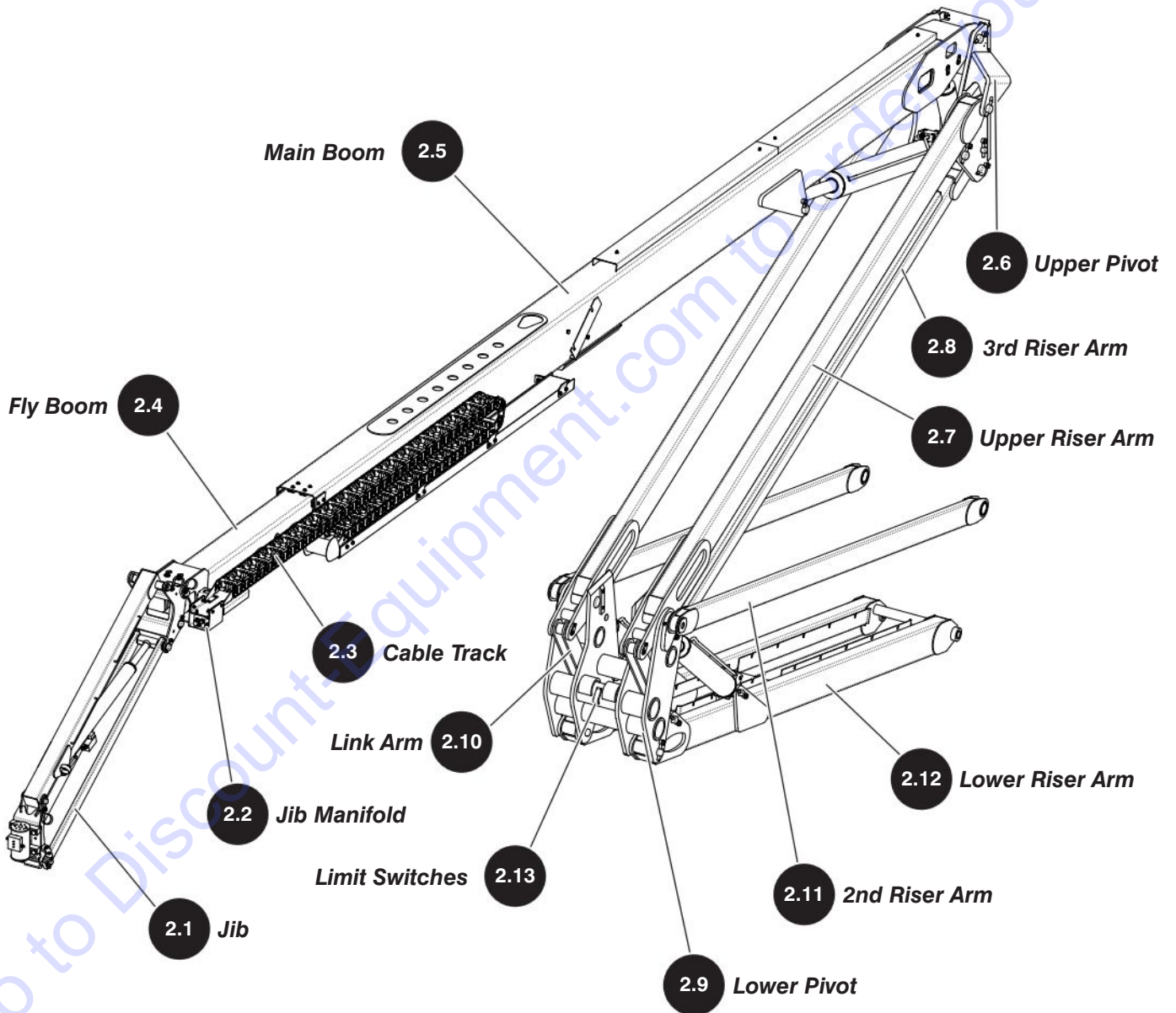
Index No.	Skyjack Part No.	Qty.	Description
-	198348	1	SGE
1	166101	1	• SUPPORT, Sensing edge
2	100702	2	• PLUG, Tube (1.25" x 1.25")
3	166107	1	• SENSING EDGE
4	166104	1	• ROD, Sensing edge lock
5	166105	3	• SCREW, Flat head cap)10-32 x 1.75" gr 5)
6	104694	3	• WASHER, Flat (#10)
7	300450	3	• NUT, Lock (10-32 gr 5 nylon)
8	166756	2	• LABEL, SGE
9	167218	1	• SCREW, Slotted binding head (6-32 x 0.25")



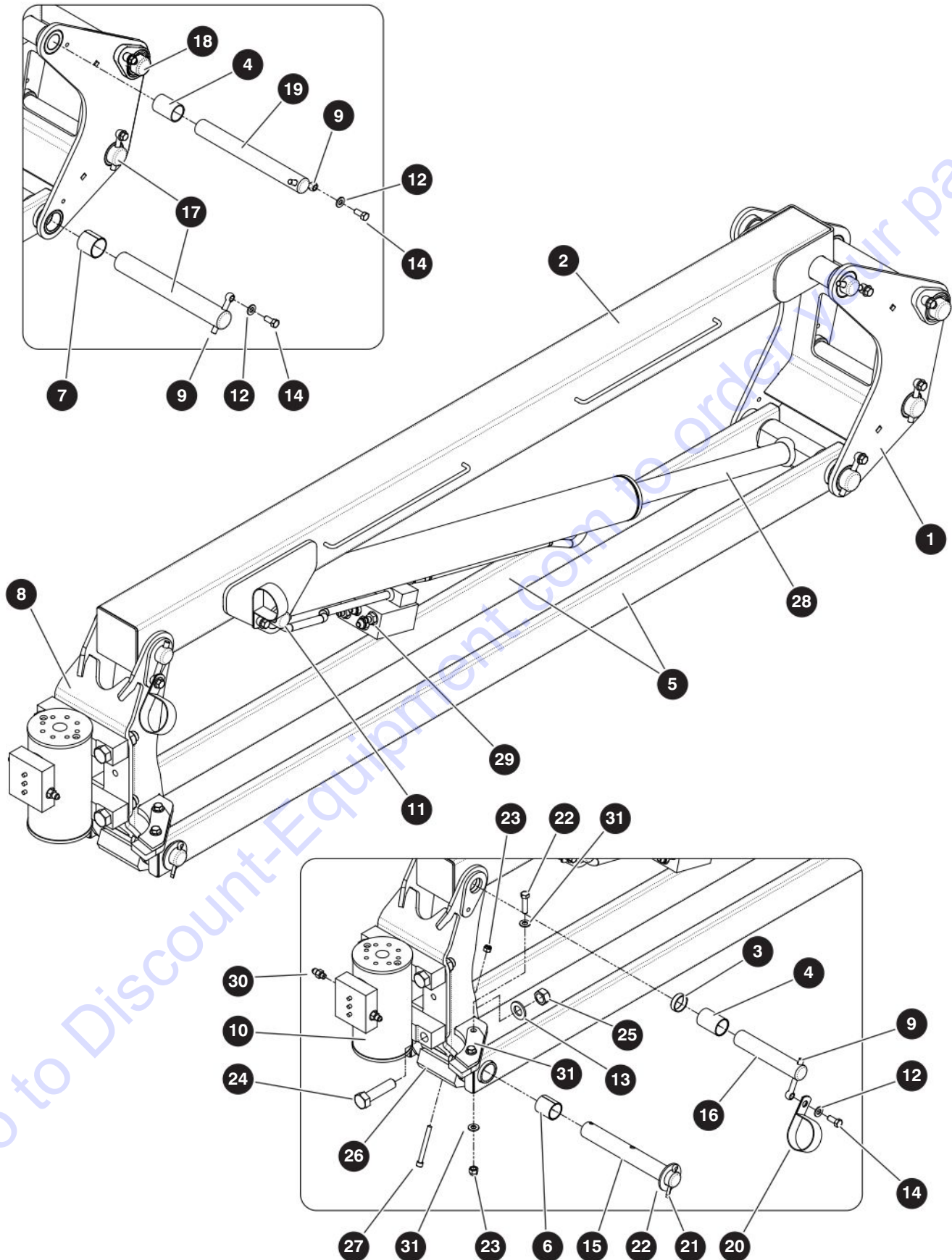
M165460AB_2

Index No.	Skyjack Part No.	Qty.	Description
A	165460	1	PLATFORM 110V OUTLET - ANSI/CSA
B	168656	1	PLATFORM 110V (cable only) - CE, AS & KC
1	109699	1	• PLATE, Receptacle, A
2	165494	1	• CABLE, 110V, A
	104208	1	• • PLUG, Male, A
3	109698	1	• RECEPTACLE, GFI, A
4	112495	1	• BOLT, Hex head (0.25"-20 x 0.375" gr 5), A
5	121461	2	• BOLT, Machine head round (6-32 x 0.375"), A
6	136328	1	BOX, Outlet, A
7	103858	2	BOLT, Hex head (0.25"-20 x 1.25" gr 5), A
8	115649	2	NUT, Lock (0.25"-20 gr 5), A
9	159960	4	SPACER, Nylon (0.403" ID x 0.75" OD x 0.312" LG)

Section 2 – Boom



2.1 Jib



M197943AD

210340AE

44

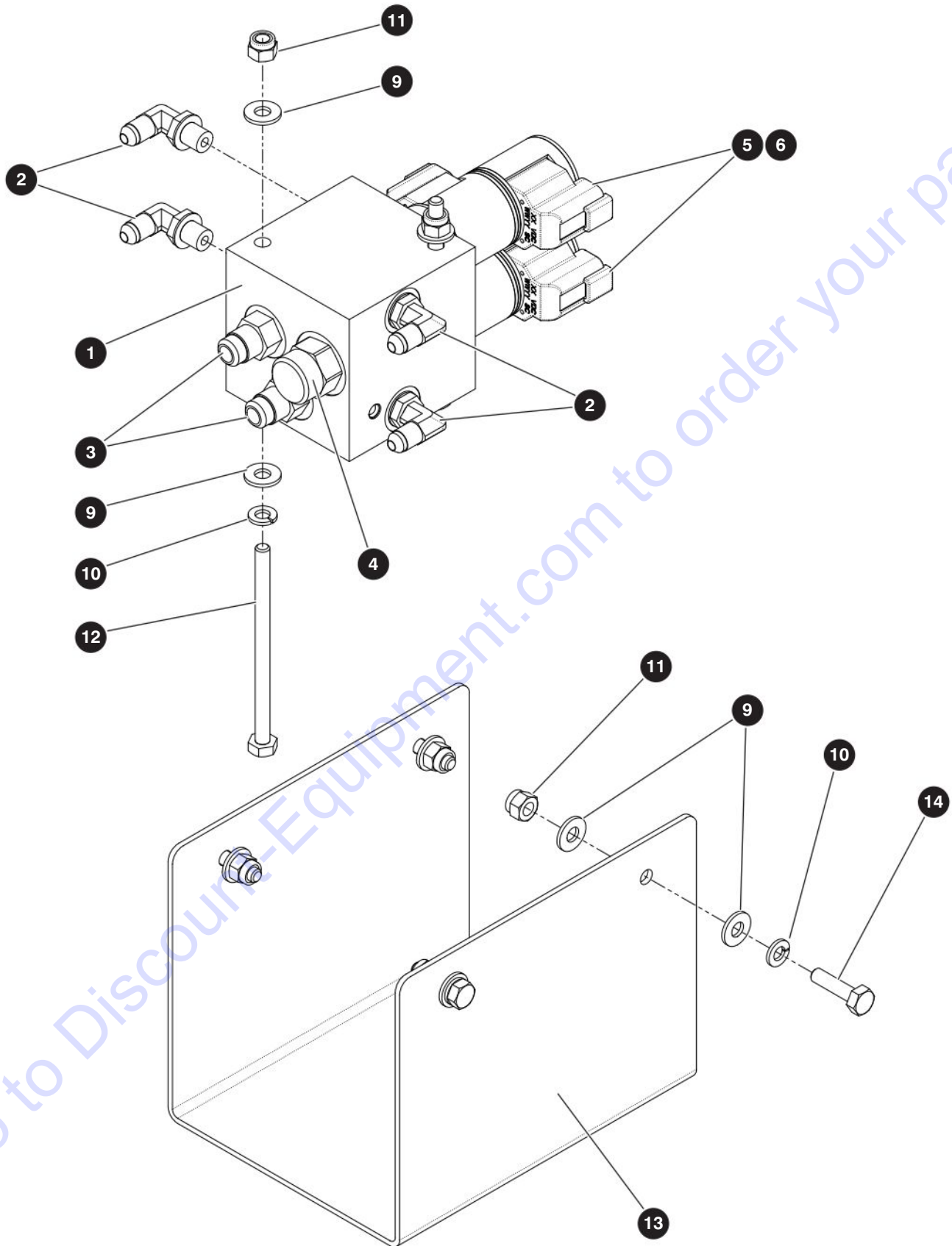
SJ85AJ

SKYJACK

2.1 Jib

Index No.	Skyjack Part No.	Qty.	Description
-	197943	1	JIB ASSEMBLY
1	197944	1	• BRACKET, Mounting
-	165252	1	• JIB ARM, Top
2	165263	1	• • WELDMENT, Top jib arm
3	154239	1	• • SPACER, 1.4" OD x 1.25" ID x 0.4" lg)
4	125230	6	• • BUSHING, Fiberglide (1-1/4" dia x 2" lg)
-	165253	2	• JIB ARM, Lower
5	165267	1	• • WELDMENT, Lower arm jib
6	125262	1	• • BUSHING, SJC 2024 (1.25" ID x 1.50" lg)
7	103216	1	• • BUSHING, Fiberglide (1.50" ID x 1.50" lg)
8	165254	1	• BRACKET, Mount - rotator
9	146897	6	• PIN, Keeper (0.375")
10	144710	1	• ROTARY ACTUATOR
	141399	2	• • VALVE, Counterbalance
	144709	1	• • SEAL KIT
11	154235	1	• PIN, Mounting - jib cylinder
12	125959	6	• WASHER, Flat (0.375" hard)
13	702194	4	• WASHER, Flat (0.75" hard high)
14	139193	6	• BOLT, Hex head patch (0.375"-16 x 0.875" gr 8)
15	154237	1	• PIN, Mounting - lower arm
16	162148	1	• PIN, Mounting - top arm
17	197497	2	• PIN (1.50" dia x 11.188" lg)
18	197496	1	• PIN (1.50" dia x 12.125" lg)
19	197950	1	• PIN (1.25" dia x 11.188" lg)
20	143987	2	• CLAMP, P (2.50" tube)
21	103972	2	• PIN, Cotter (0.25" x 2")
22	122502	2	• WASHER, Flat (1.125")
23	103984	1	• NUT, Lock (0.313"-18 gr 5)
24	103894	4	• BOLT, Hex head (0.75"-10 x 3.00" gr 8)
25	700575	4	• NUT, Torque lock (0.75"-10 gr C)
26	162144	1	• PAD, Jib
27	162145	1	• SCREW, Socket head cap (0.3125"-18 x 3.00")
28	165083	1	• CYLINDER, Jib (For components, refer to 3.1 Jib Cylinder)
29	701956	2	• FITTING, Straight (04JICM-06ORBM)
30	144474	2	• FITTING, Straight (04JICM-04ORBM x 0.028 port)
31	197935	1	• PLATE, Stopper
31	125959	4	• WASHER, Flat (0.375" hard)
32	103870	2	• BOLT, Hex head (0.375"-16" x 1.50" gr 5)
33	104606	2	• NUT, Lock (0.375"-16 gr 5)

2.2 Jib Manifold



M197900AC

210340AE

46

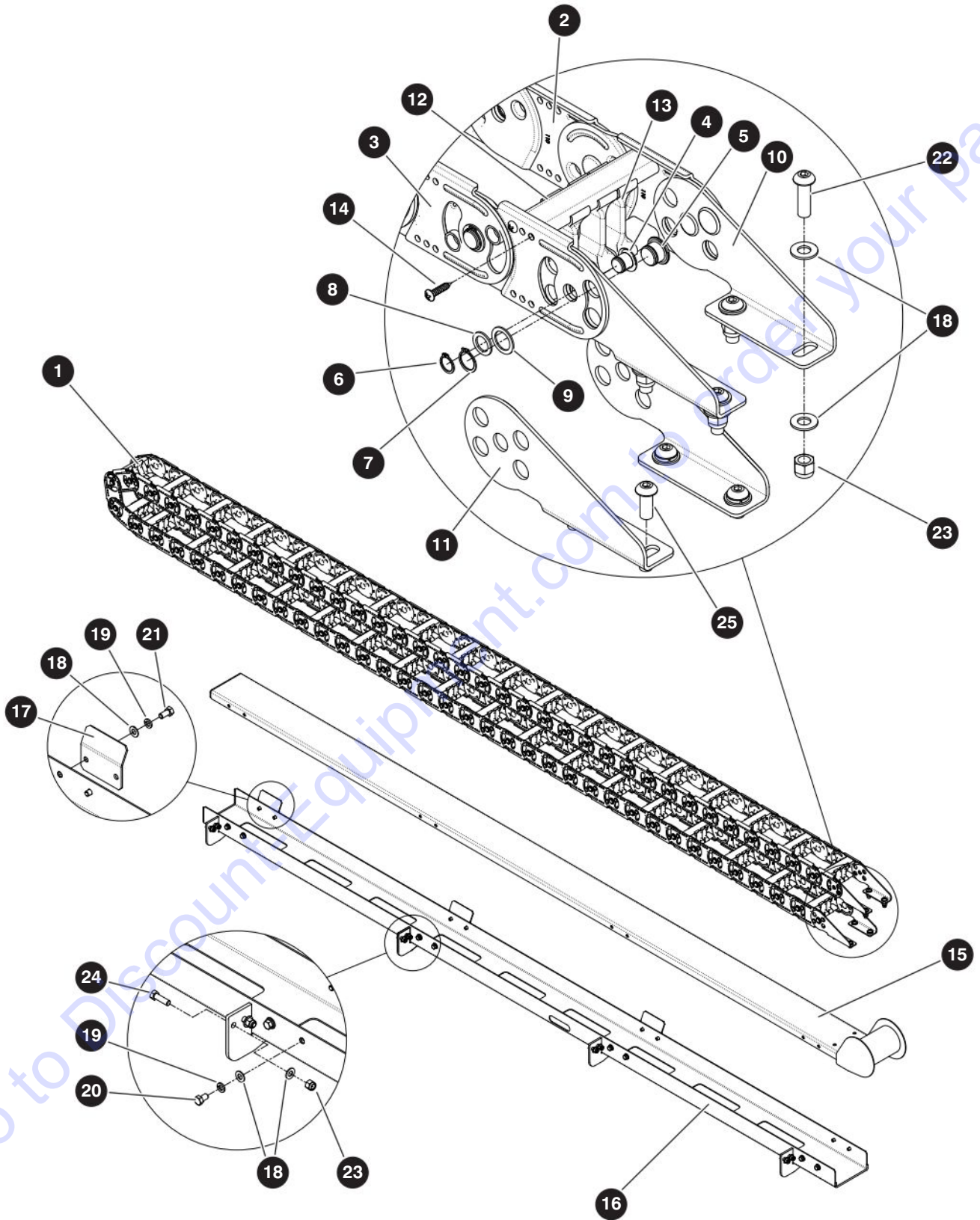
SJ85AJ

SKYJACK

2.2 Jib Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	197900	1	JIB MANIFOLD
-	198369	1	• MANIFOLD, Jib/platform rotate
1	211702	1	• • BLOCK, Manifold - Jib
2	125883	4	• • FITTING, 90° (04JICM-04ORBM)
3	701956	2	• • FITTING, Straight (04JICM-06ORBM)
4	166058	1	• • VALVE, Regulator - pressure-compensated
5	166041	2	• • VALVE, Spool - 4 way 3 position
6	208881	4	• • COIL, Solenoid - "ER" (12 VDC size 08)
7	104437	1	• • FITTING, Plug - hollow hex (06ORBM) (not shown)
8	121250	2	• • FITTING, Plug - hollow hex (04ORBM) (not shown)
9	103995	12	• WASHER, Flat (0.25")
10	104000	6	• WASHER, Lock (0.25")
11	115649	6	• NUT, Lock (0.25"-20 gr 5)
12	137616	2	• BOLT, Hex head (0.25"-20 x 3.75" gr 5)
13	197938	1	• COVER, Valve
15	103857	4	• BOLT, Hex head (0.25"-20 x 1.00" gr 5)

2.3 Cable Track



M197903AD

210340AE

48

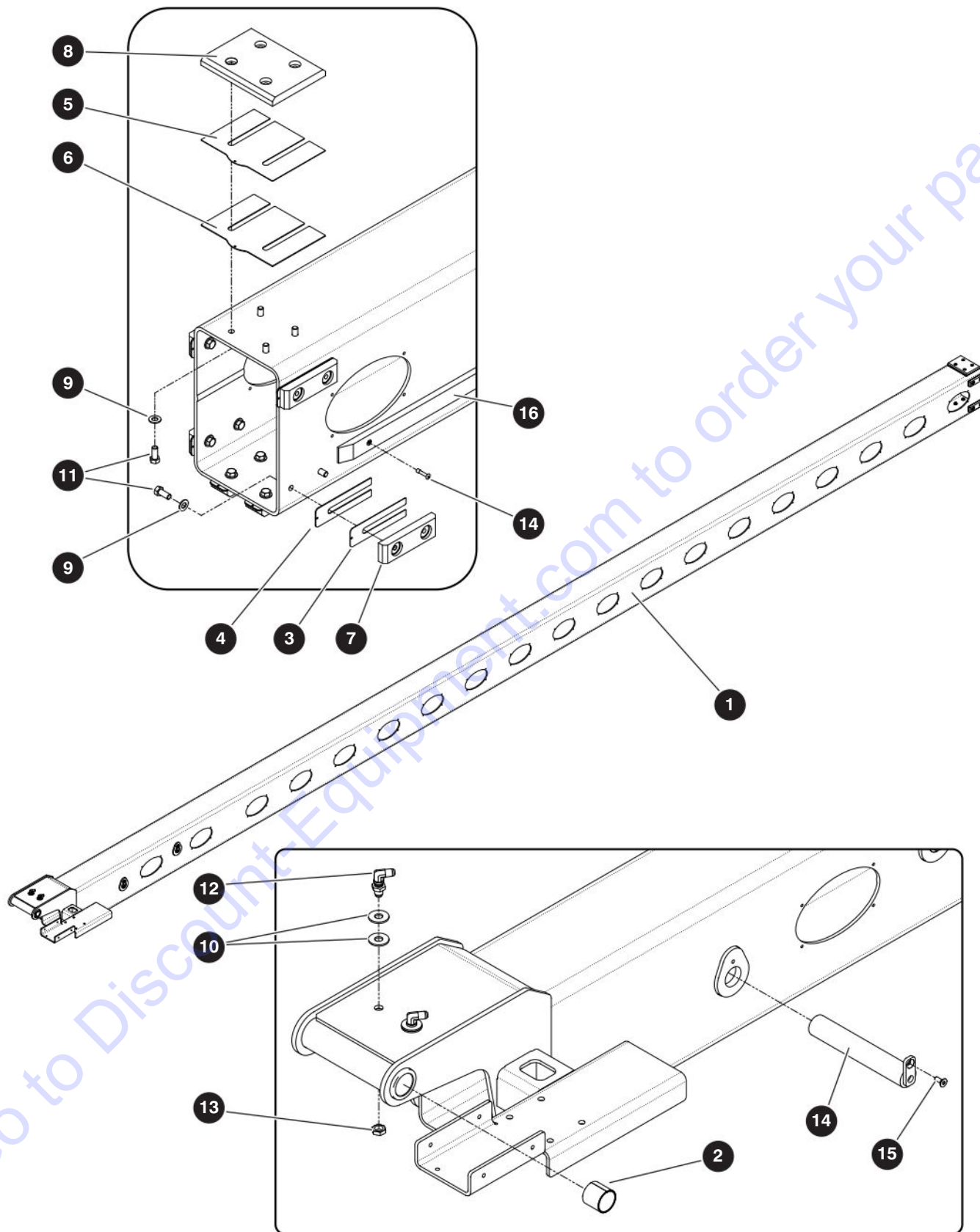
SJ85AJ

SKYJACK

2.3 Cable Track

Index No.	Skyjack Part No.	Qty.	Description
-	197903	1	CABLE TRACK ASSEMBLY
1	197934	1	• CABLE TRACK
2	212136	71	• • LINK, RH
3	212137	71	• • LINK, LH
4	212138	144	• • PIN, Center (0.75")
5	212139	2	• • PIN, End (0.875")
6	212140	144	• • RING, Snap - external (0.521" ID x 0.671" OD)
7	212141	2	• • RING, Snap - external (0.588" ID x 0.625" OD)
8	212142	144	• • WASHER, (0.055" x 0.563" ID x 1" OD)
9	212144	2	• • WASHER, (0.048" x 0.625" ID x 0.875" OD)
10	212145	2	• • BRACKET, RH
11	212146	2	• • BRACKET, LH
12	212147	72	• • BAR, Flat (5.00")
13	212153	108	• • SEPARATOR
14	212149	288	• • SCREW, Pan head (10-24 x 0.818")
15	198268	1	• SUPPORT, Upper
16	198263	1	• SUPPORT, Lower
17	198273	5	• GUIDE, Cable track
18	103472	36	• WASHER, Flat (0.375")
19	103999	20	• WASHER, Lock (0.375")
20	101632	6	• BOLT, Hex head (0.375"-16 X 0.75" gr 5)
21	300437	10	• BOLT, Hex head (0.375"-16 X 0.875" gr 5)
22	122257	4	• BOLT, Button head cap screw (0.375"-16 x 1.25")
23	104606	12	• NUT, Lock (0.375"-16 gr 5 nylon)
24	101297	8	• BOLT, Hex head (0.375"-16 X 1.25" gr 5)
25	170182	4	• BOLT, Button head cap screw (0.375"-16 x 0.75")

2.4 Fly Boom



M197902AC

210340AE

50

SJ85AJ

SKYJACK

2.4 Fly Boom

Index No.	Skyjack Part No.	Qty.	Description
A	197902	1	FLY BOOM - Standard
B	212861	1	FLY BOOM - Hostile Environment Option
1	197921	1	• BOOM, Fly, A
	212862	1	• BOOM, Fly, B
2	103216	2	• BUSHING, Fiberglide (1.5" ID x 1.5" lg)
3	148837	6	• SHIM, 16 gauge (1.50" x 5.25")
4	148838	6	• SHIM, 20 gauge (1.50" x 5.25")
5	197894	1	• SHIM, 16 gauge (6.50" x 5.00")
6	197893	1	• SHIM, 20 gauge (6.50" x 5.00")
7	148828	6	• PAD, Wear (5.00" x 1.50" x .625")
8	197891	1	• PAD, Wear
9	103472	16	• WASHER, Flat (0.375 SAE")
10	137241	4	• WASHER, Flat (0.50" AA)
11	300437	16	• BOLT, Hex head (0.375"-16 x 0.875" gr 5)
12	138986	2	• FITTING, 90° bulkhead (06JICM-06JICM)
13	139157	2	• FITTING, Nut bulkhead (06JIC)
14	197884	2	• PIN (1.50" dia x 8.75" lg)
15	704642	2	• SCREW, Flat head cap (0.312"-18 x 0.75" gr 5)
16	171195	2	• RAMP, Limit switch
17	197500	14	• RIVET, Pop (0.1875 dia x 0.44" lg)

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Discount-Equipment.com is your online resource for quality parts & equipment.

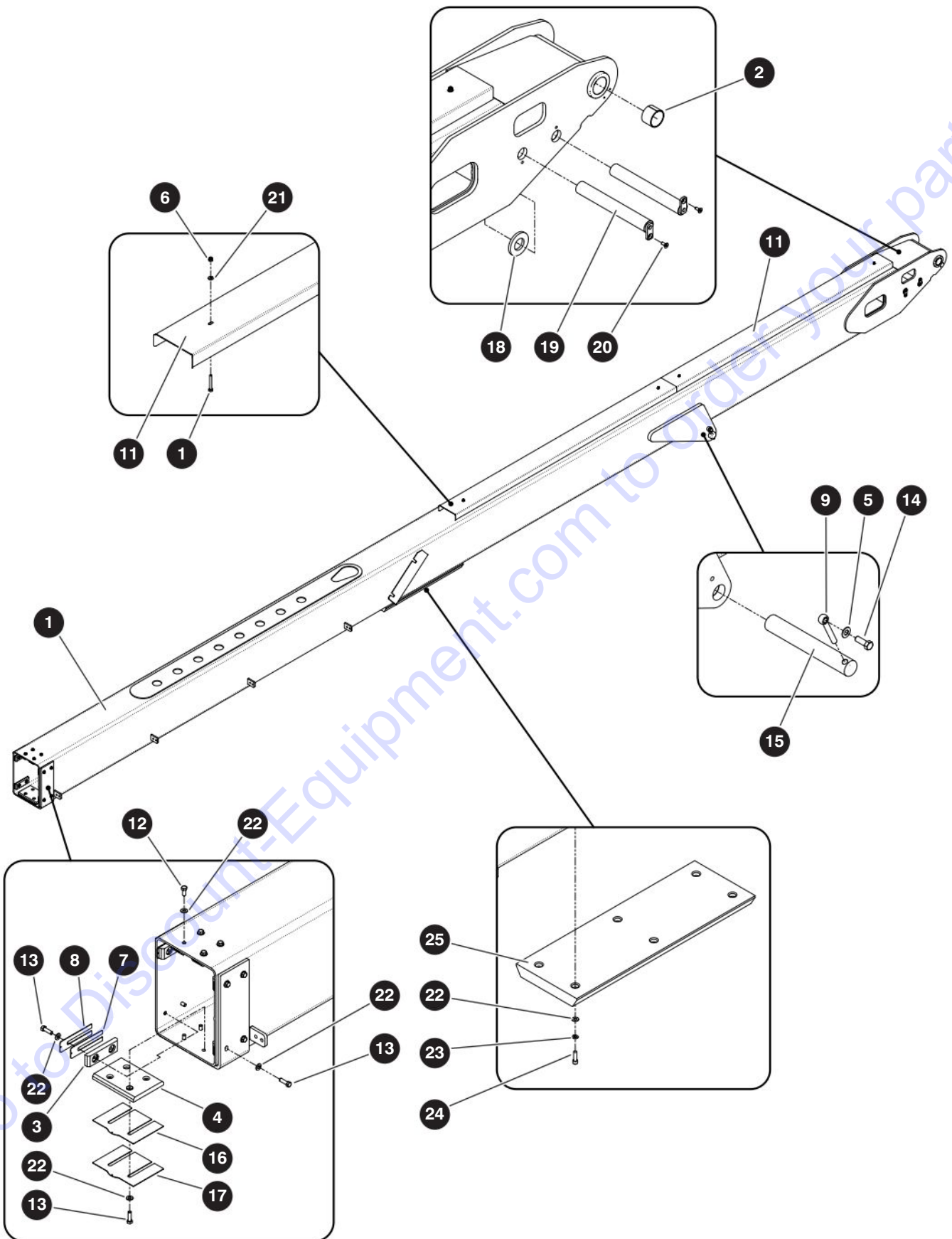
Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

2.5 Main Boom



M197901AC

210340AE

52

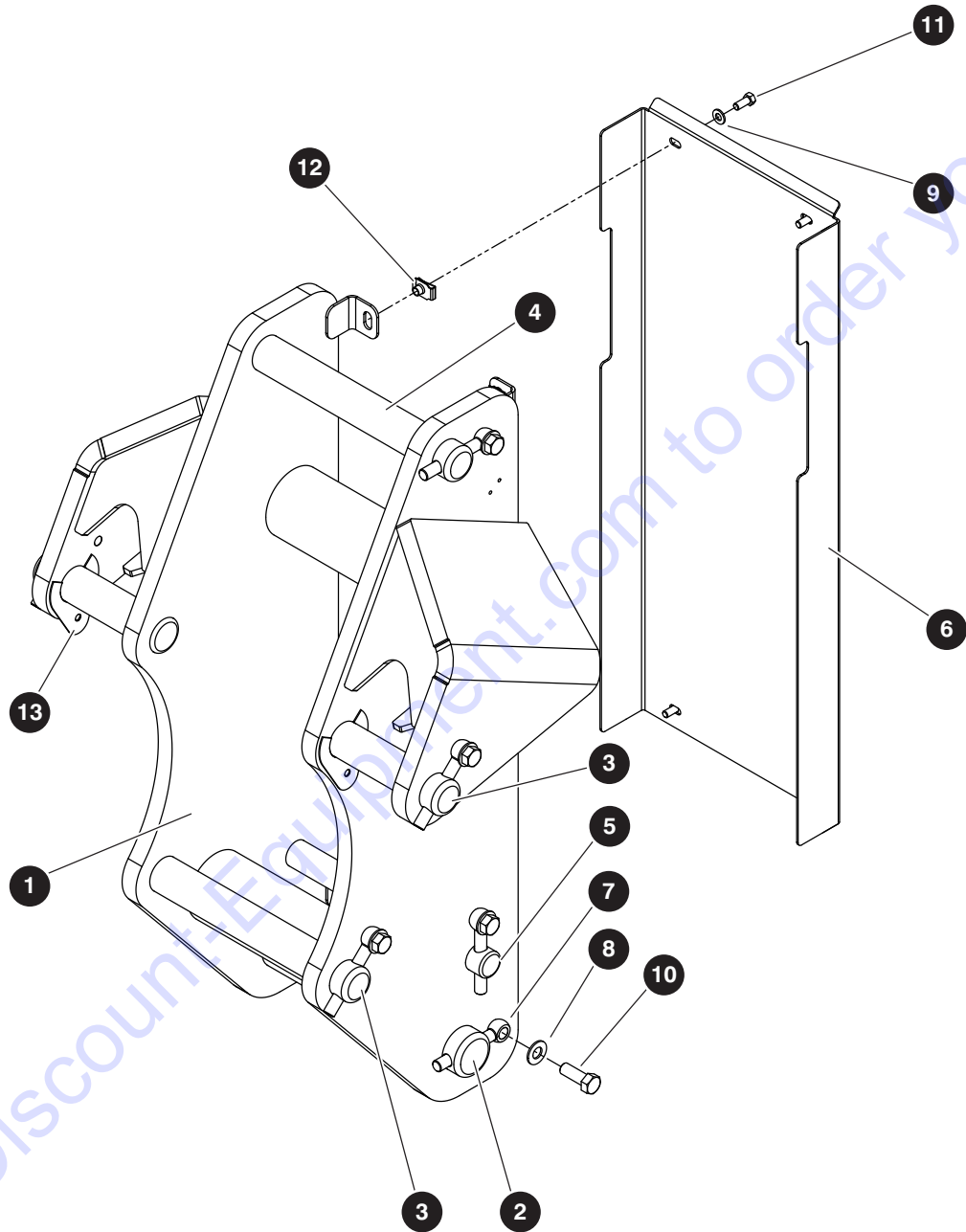
SJ85AJ

SKYJACK

2.5 Main Boom

Index No.	Skyjack Part No.	Qty.	Description
-	197901	1	MAIN BOOM
1	197909	1	• MAIN BOOM
2	153844	2	• BEARING, CJS 3224 (2.0" ID x 1.5" lg)
3	148828	6	• PAD, Wear (5.00" x 1.50" x 0.625")
4	197891	1	• PAD, Wear
5	700782	1	• WASHER, Flat (0.625" hard high)
6	115649	4	• NUT, Lock (0.25"-20 gr 5)
7	148837	6	• SHIM, 16 gauge (1.50" x 5.25")
8	148838	6	• SHIM, 20 gauge (1.50" x 5.25")
9	146898	1	• PIN, Keeper (0.625")
10	197882	1	• COVER, Rear
11	197883	1	• COVER, Front
12	300437	4	• BOLT, Hex head (0.375"-16 x 0.875" gr 5)
13	101297	12	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
14	148944	1	• BOLT, Hex head patch (0.625"-11 x 1.75" gr 8)
15	197501	1	• PIN (2.00" dia x 13.50" lg)
16	197894	1	• SHIM, 16 gauge (6.75" x 5.00")
17	197893	1	• SHIM, 20 gauge (6.75" x 5.00")
18	159852	2	• PLATE, Spacer
19	197879	2	• PIN (1.50" dia x 11.625" lg)
20	704642	2	• SCREW, Flat head cap (0.312"-18 x 0.75" gr 5)
21	103995	4	• WASHER, Flat (0.25")
22	103472	22	• WASHER, Flat (0.375")
23	103999	6	• WASHER, Lock (0.375")
24	192999	6	• SCREW, Socket head cap (0.375"-16 x 1.25")
25	211537	1	• PAD, Bumper

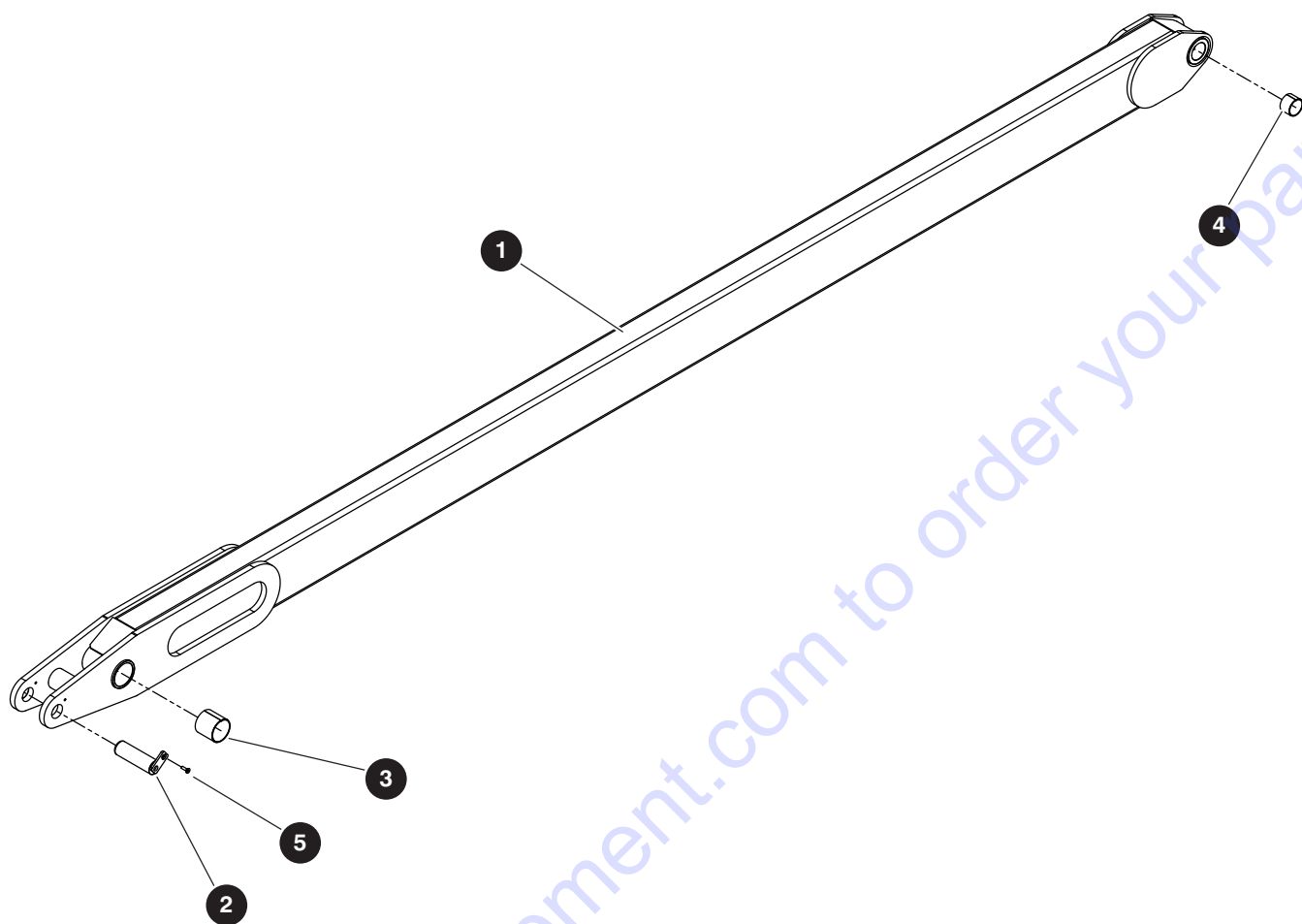
2.6 Upper Pivot



2.6 Upper Pivot

Index No.	Skyjack Part No.	Qty.	Description
-	197807	1	UPPER PIVOT
1	197863	1	• PIVOT, Upper
2	197873	1	• PIN (2.50" dia x 15.50" lg)
3	197874	2	• PIN (2.00" dia x 8.75" lg)
4	197875	2	• PIN (2.00" dia x 15.50" lg)
5	197876	1	• PIN (1.50" dia x 15.50" lg)
6	212865	1	• PLATE, Cover
7	146898	6	• PIN, Keeper (0.625")
8	700782	6	• WASHER, Flat (0.625" hard high)
9	125959	4	• WASHER, Flat (0.375" SAE hard)
10	148944	6	• BOLT, Hex head patch (0.625"-11 x 1.75" gr 8)
11	139193	4	• BOLT, Hex head patch (0.375"-16 x 0.875" gr 8)
12	159294	4	• NUT, Speed clip (0.375"-16)
13	212518	4	• CLIP, Plastic

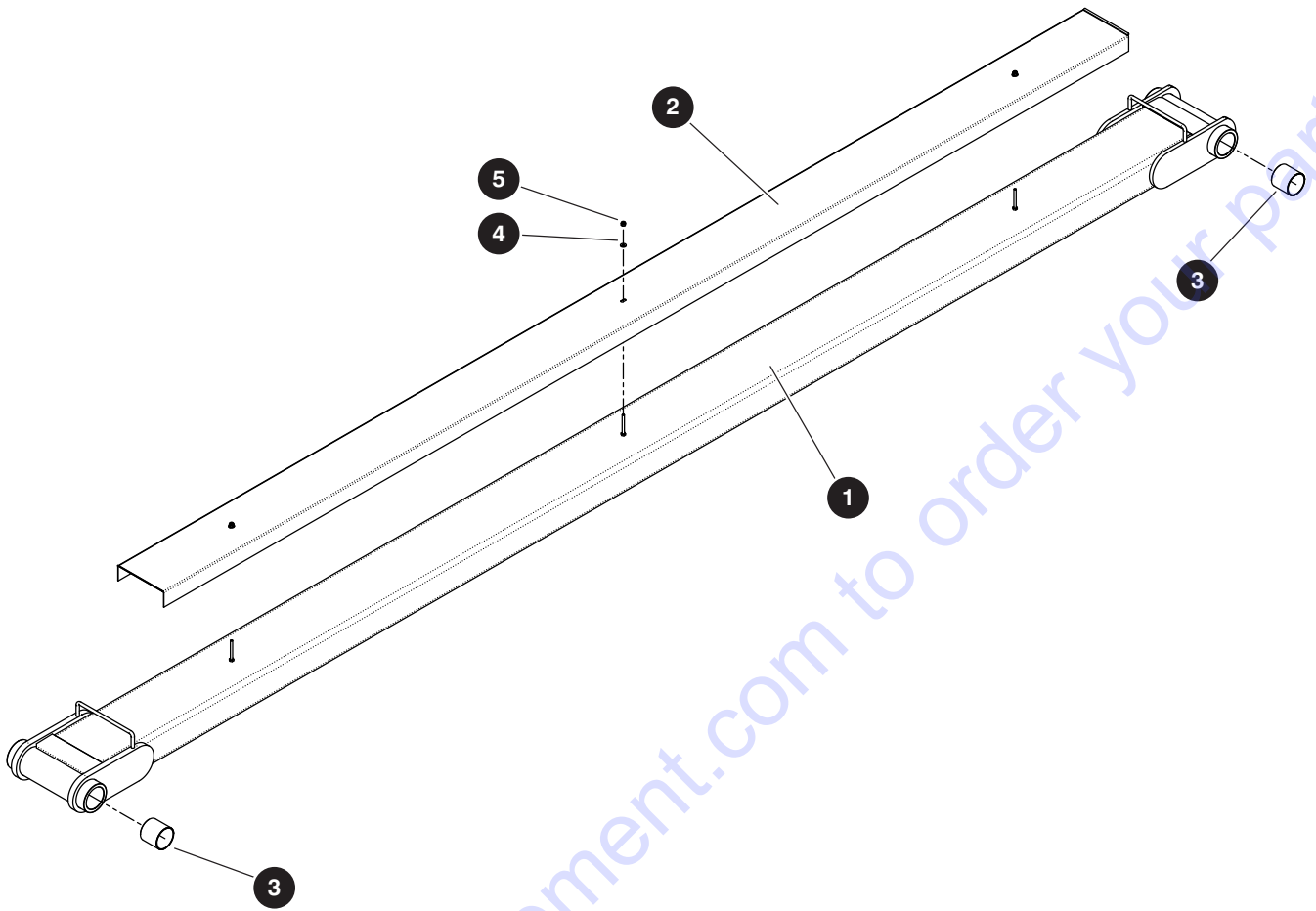
2.7 Upper Riser Arm



M197804AB

Index No.	Skyjack Part No.	Qty.	Description
-	197804	2	UPPER RISER ARM
1	197836	1	• ARM, Upper riser
2	197844	1	• PIN (1.75" dia x 5.75" lg)
3	197829	2	• BUSHING, CJS 4444 (2.75" ID x 2.75" lg)
4	153844	2	• BUSHING, CJS 3224 (2.0" ID x 1.5" lg)
5	162116	1	• SCREW, Flat head cap (0.312"-18 x 1.00" gr 5)

2.8 3rd Riser Arm

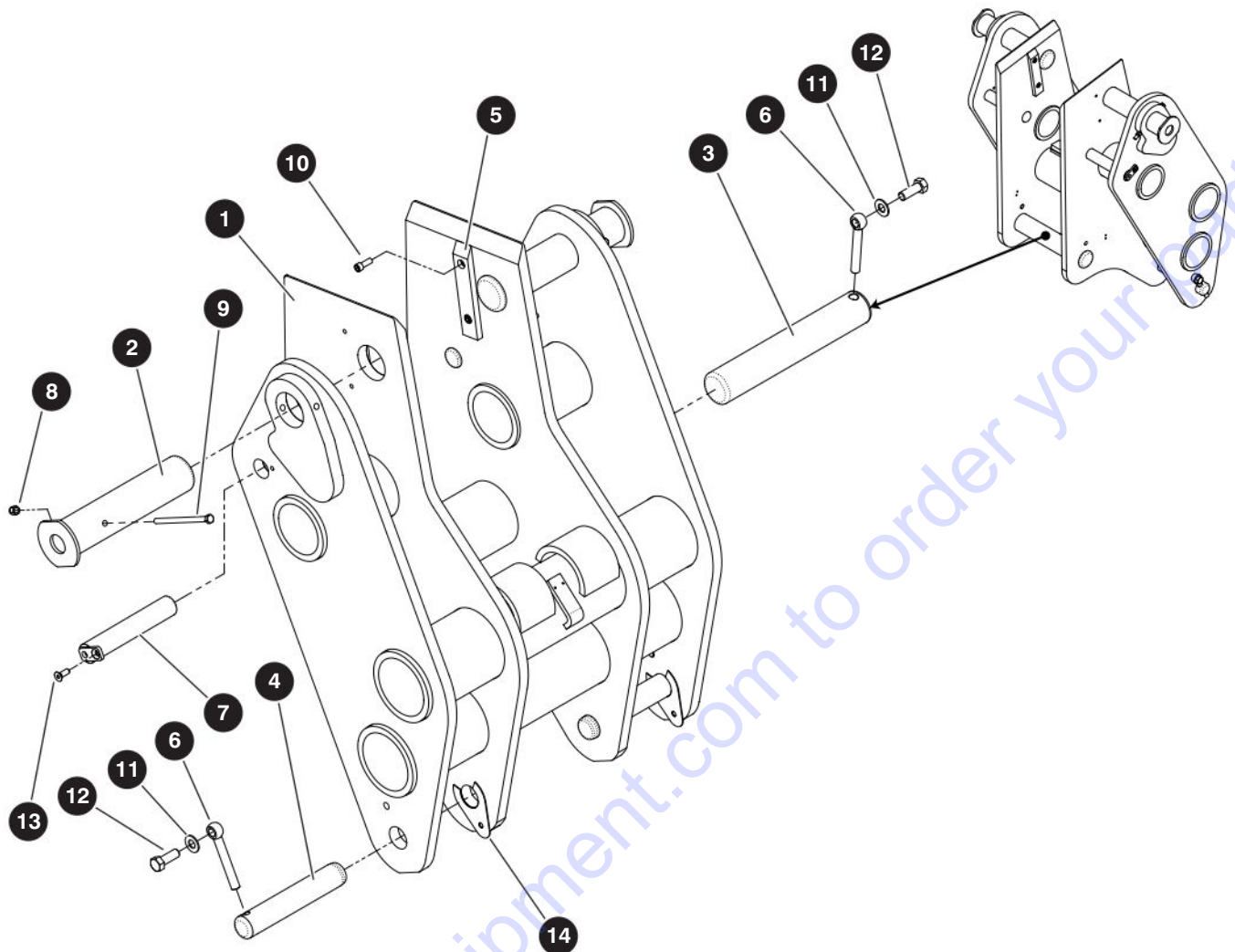


M197803AC

Index No.	Skyjack Part No.	Qty.	Description
-	197803	1	3RD RISER ARM
1	197830	1	• ARM, 3rd riser
2	197835	1	• COVER
3	147461	4	• BUSHING, Fiberglide (2.5" ID x 2.6875" OD x 2.5" lg)
4	103995	3	• WASHER, Flat (0.25")
5	115649	3	• NUT, Lock (0.25"-20 gr 5 nylon)

2.9 Lower Pivot

AC



M197806AE

Index No.	Skyjack Part No.	Qty.	Description
-	197806	1	LOWER PIVOT
1	197850	1	• PIVOT, Lower
2	197859	2	• PIN (2.75" dia x 12.313" lg)
3	197862	1	• PIN (2.50" dia x 14.625" lg)
4	153690	2	• PIN (1.75" dia x 10.688" lg)
5	153937	2	• PAD, Bumper (7.5" x 1.5" x 0.5")
6	146898	3	• PIN, Keeper (0.625")
7	198238	2	• PIN (1.50" dia x 8.375" lg)
8	104606	2	• NUT, Lock (0.375"-16 gr 5 nylon)
9	138736	2	• BOLT, Hex head (0.375"-16 x 6.00" gr 5)
10	103949	4	• SCREW, Socket head cap (0.375"-16 x 1.00")
11	700782	3	• WASHER, Flat (0.625" hard high)
12	148944	3	• BOLT, Hex head patch (0.625"-11 x 1.75" gr 8)
13	153305	2	• SCREW, Flat head cap (0.375"-16 x 1.00" gr 5)
14	212519	4	• CLIP, Plastic

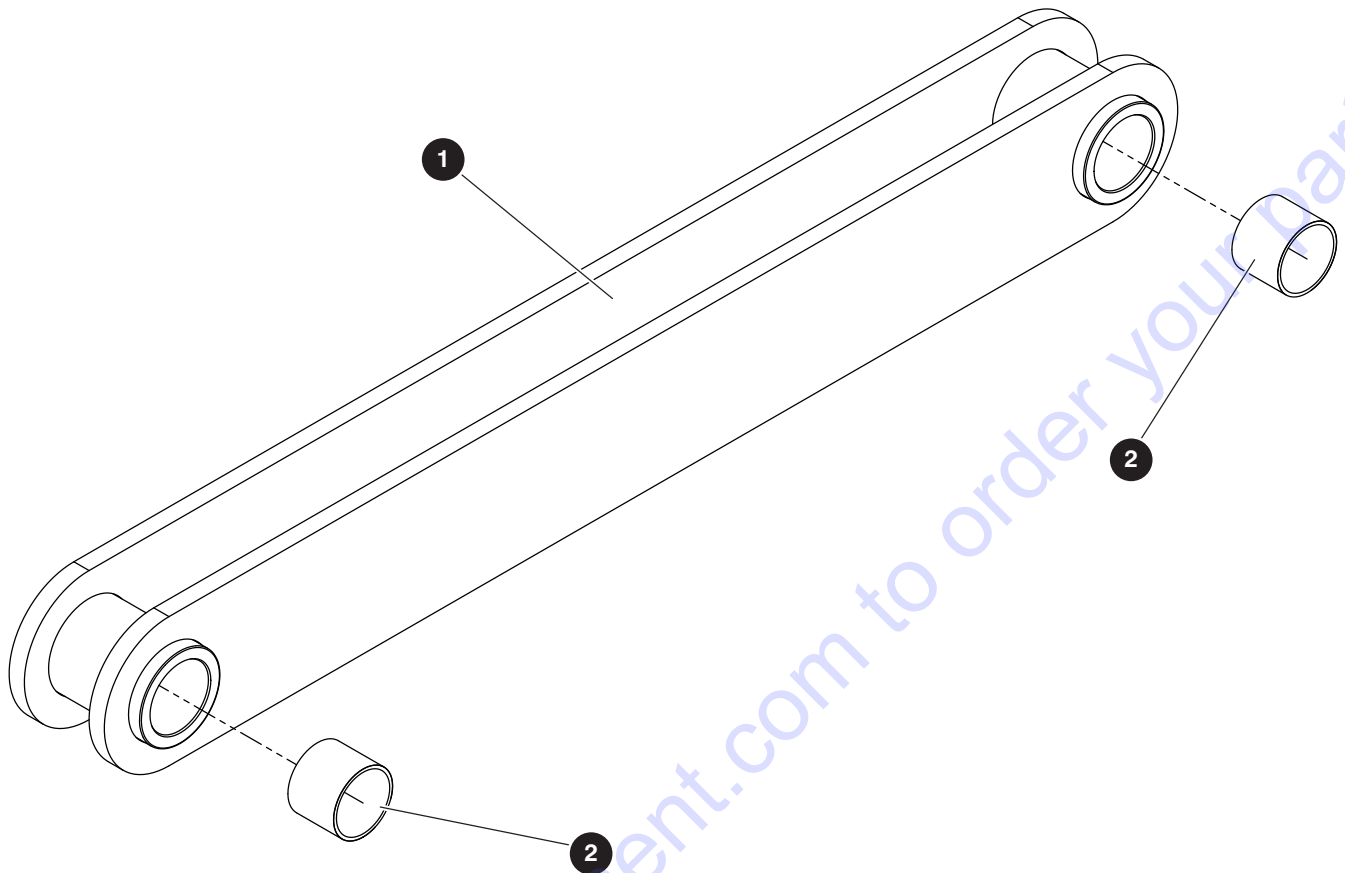
210340AE

58

SJ85AJ

SKYJACK

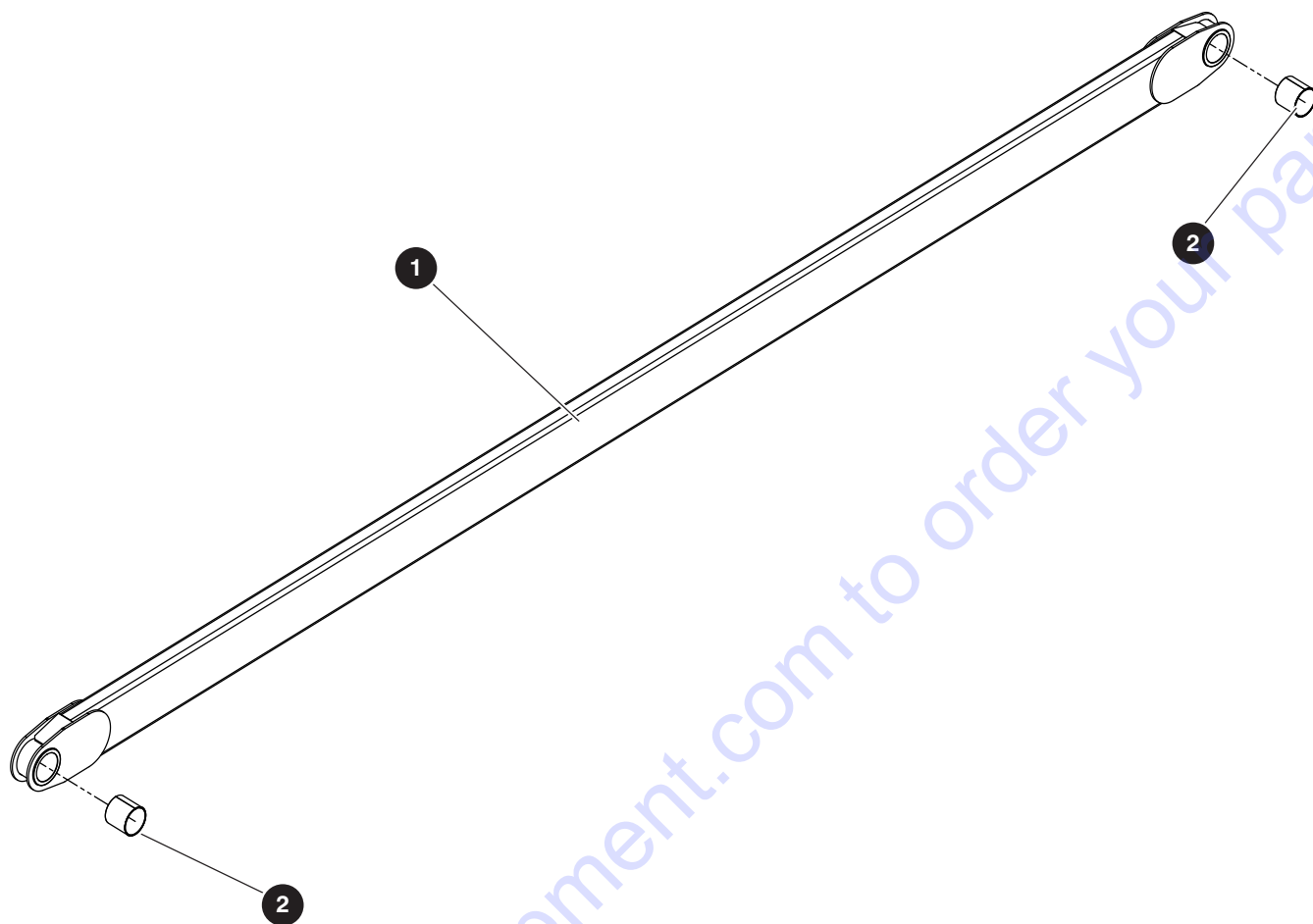
2.10 Link Arm



M197805AB

Index No.	Skyjack Part No.	Qty.	Description
-	197805	2	LINK ARM
1	197847	1	• ARM, Link
2	101564	4	• BEARING, Plain (1.75" ID x 1.938" OD x 1.50" lg)

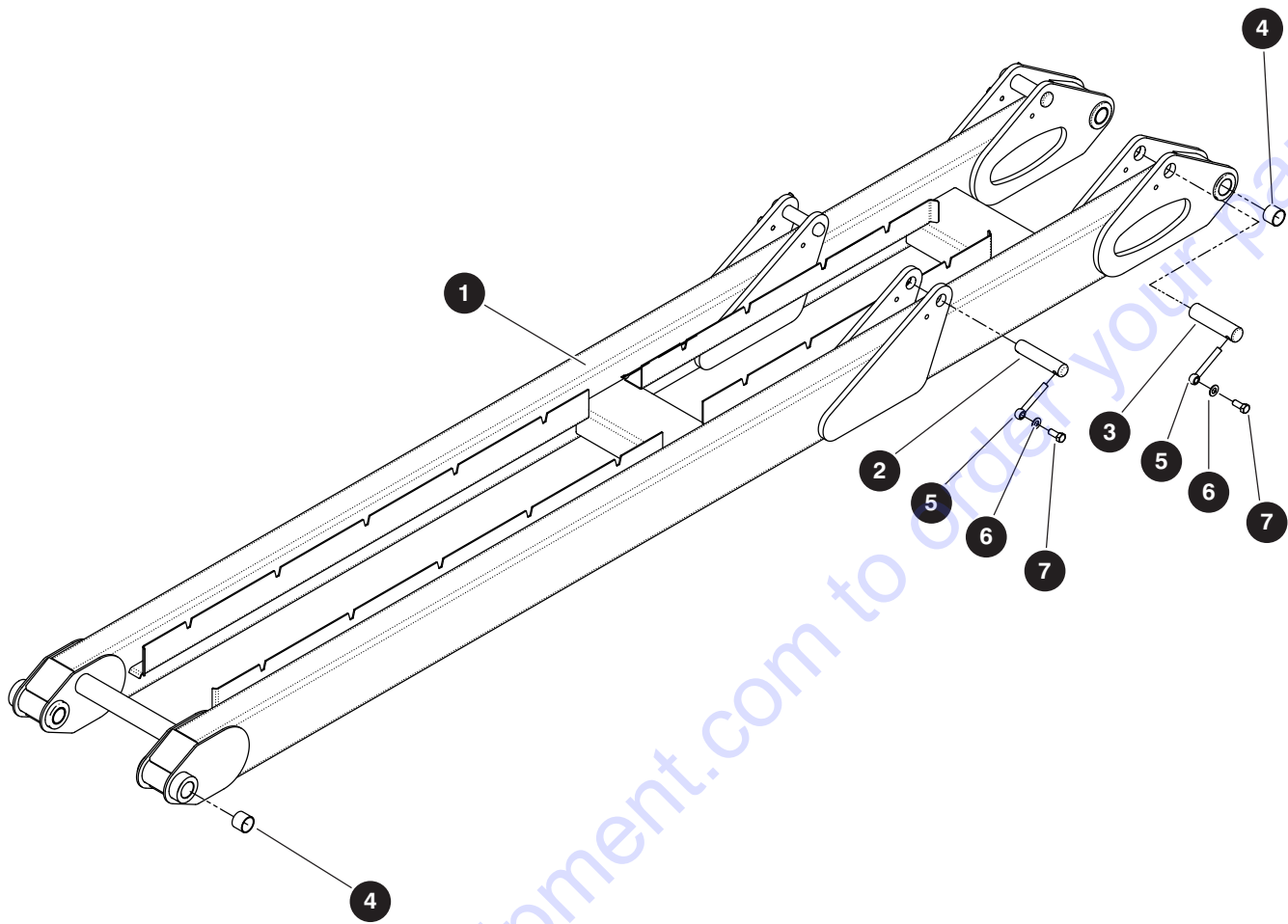
2.11 2nd Riser Arm



M197802AB

Index No.	Skyjack Part No.	Qty.	Description
-	197802	2	2ND RISER ARM
1	197824	1	• ARM, 2nd riser
2	197829	2	• BUSHING, CJS 4444 (2.75" ID x 2.75" lg)

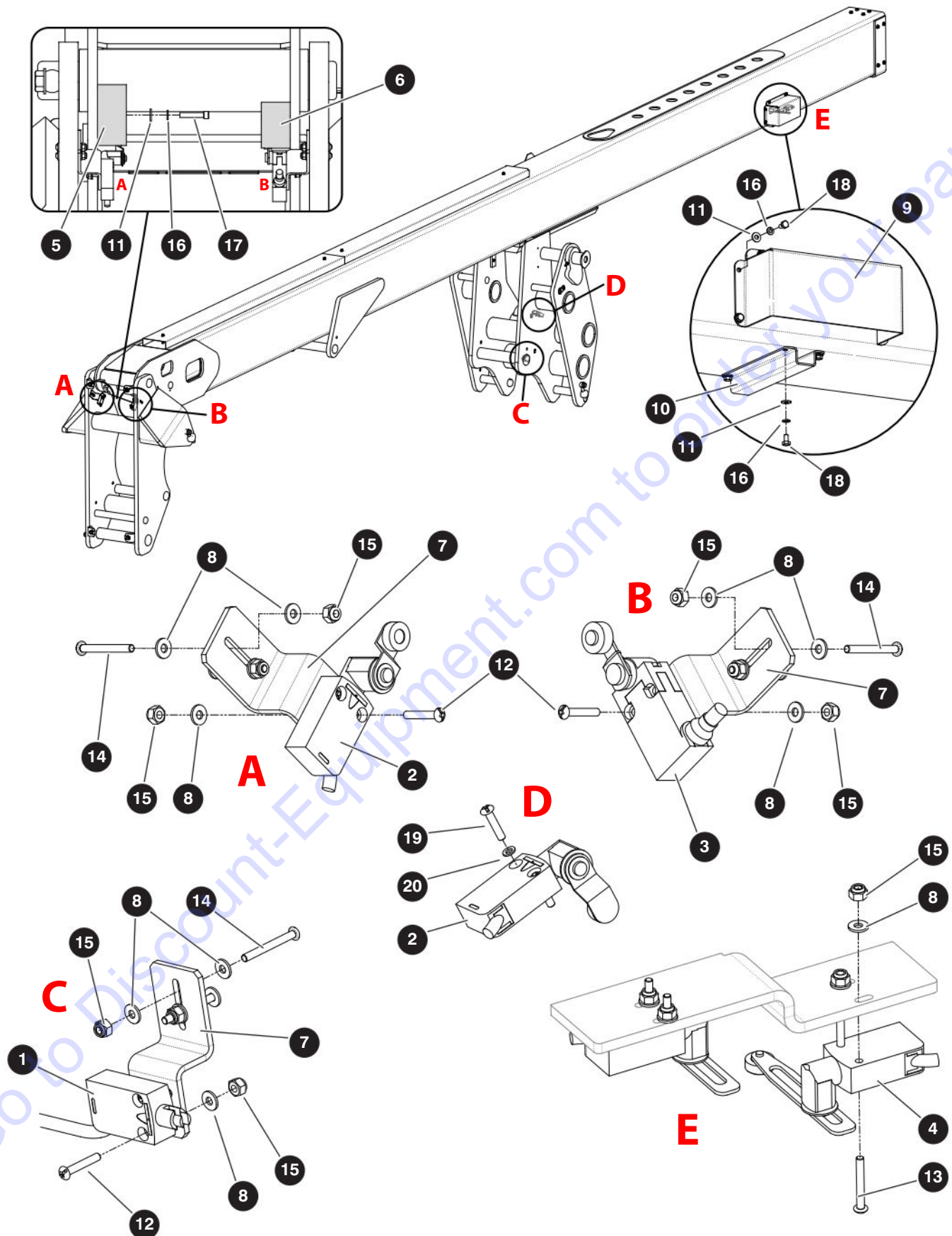
2.12 Lower Riser Arm



M97801AC

Index No.	Skyjack Part No.	Qty.	Description
-	197801	1	LOWER RISER ARM
1	197810	1	• ARM, Lower riser
2	197822	2	• PIN (1.500" dia x 7.125" lg)
3	197823	2	• PIN (1.750" dia x 6.875" lg)
4	101564	8	• BEARING, Plain (1.750" ID x 1.938" OD x 1.500" lg)
5	146898	4	• PIN, Keeper (0.625")
6	700782	4	• WASHER, Flat (0.625" hard high)
7	162045	4	• BOLT, Hex head patch (0.62"-11 x 1.50" gr 8)

2.13 Limit Switches



M197809AC

210340AE

62

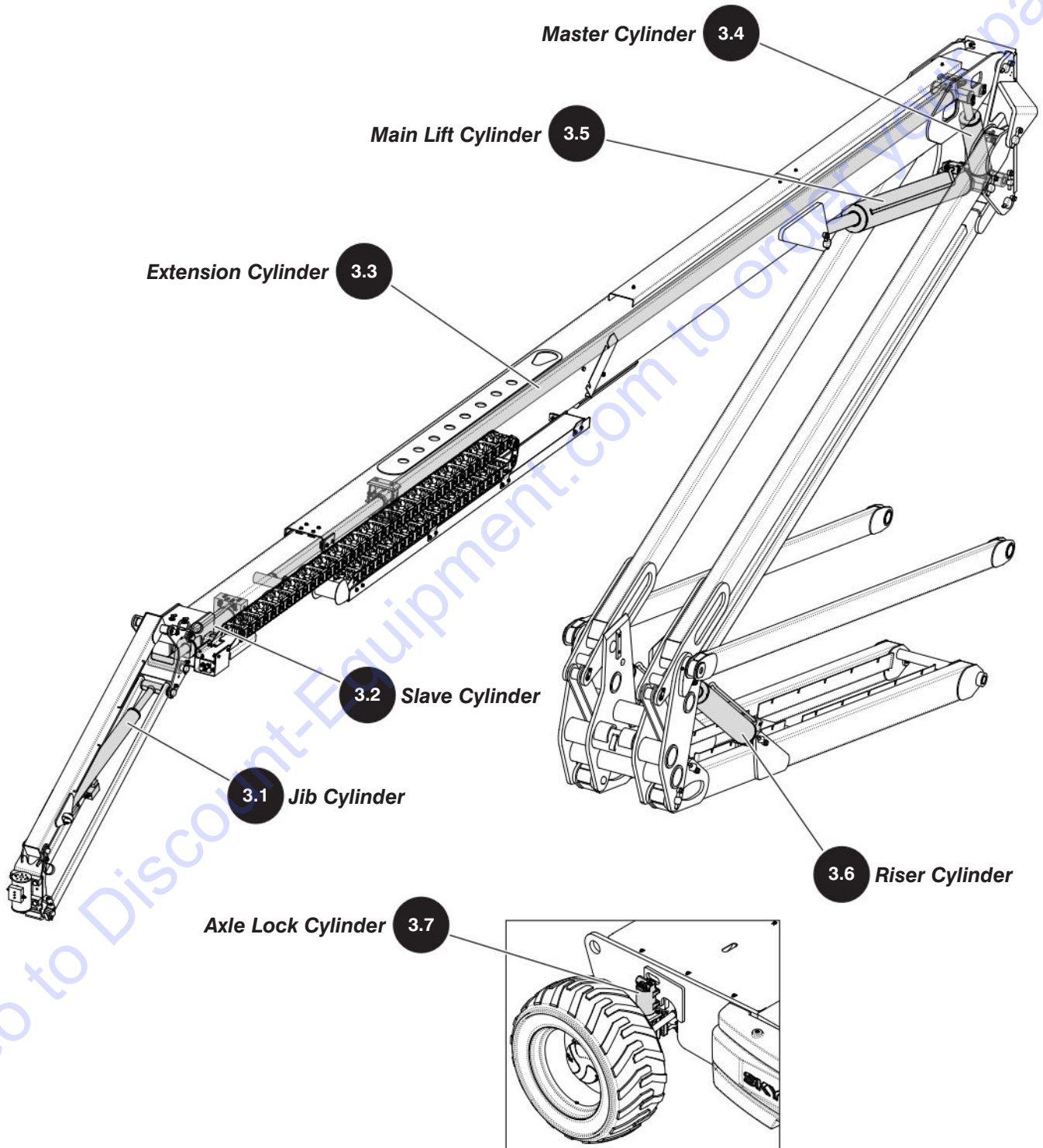
SJ85AJ

SKYJACK

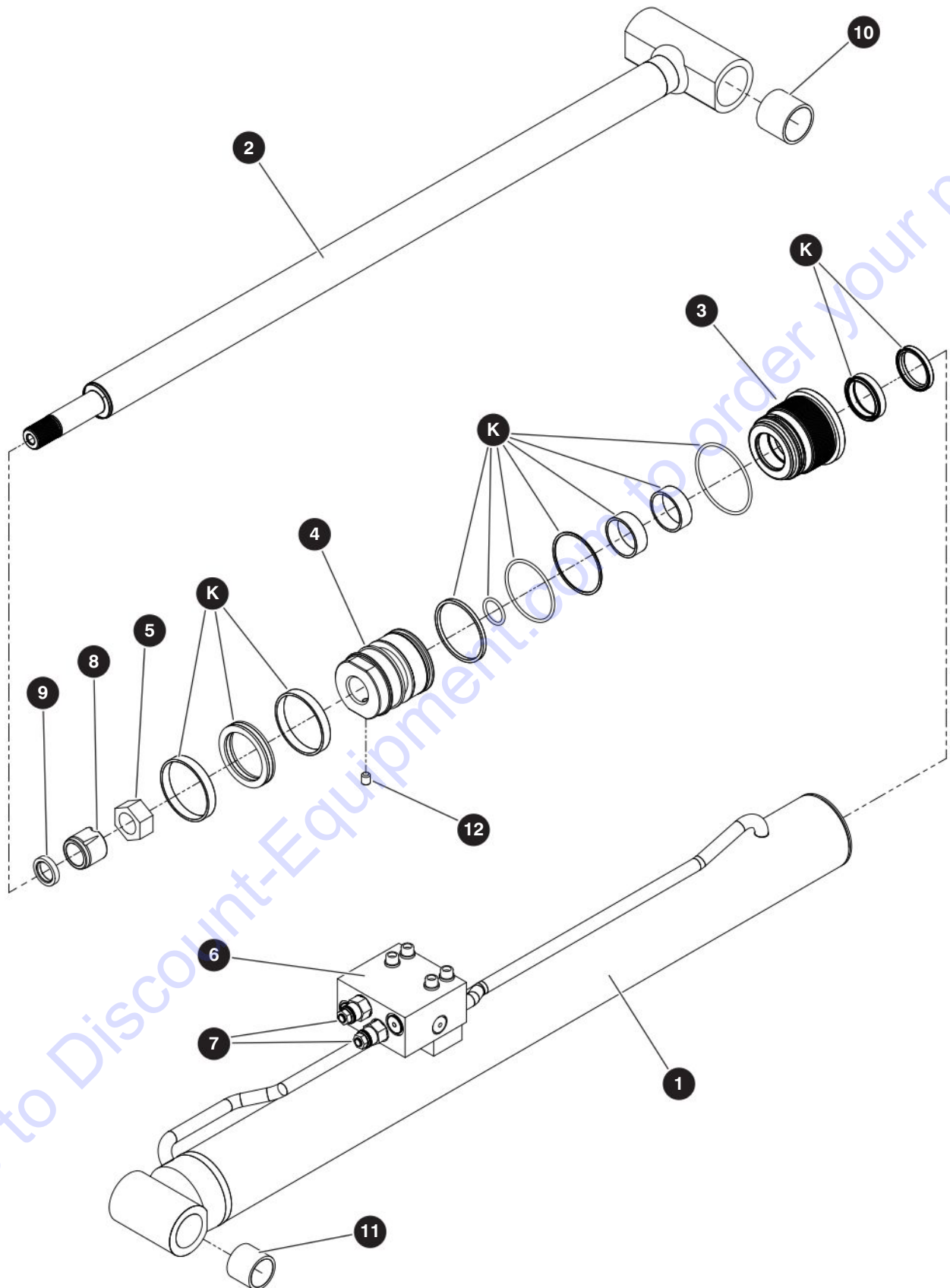
2.13 Limit Switches

Index No.	Skyjack Part No.	Qty.	Description
-	197809	1	LIMIT SWITCH ASSEMBLIES
1	207017	1	• LIMIT SWITCH, Roller plunger - 12 m
2	207059	2	• LIMIT SWITCH, Roller lever - 17 m
3	216008	1	• LIMIT SWITCH, Roller lever - 15 m
4	198390	2	• LIMIT SWITCH, Adjustable lever - 25 m
5	197502	1	• CAM
6	197503	1	• CAM
7	197504	3	• BRACKET
8	103991	22	• WASHER, Flat (#8)
9	197498	1	• COVER, Limit switch
10	197499	1	• COVER, Cable
11	103995	14	• WASHER, Flat (0.25")
12	112248	6	• SCREW, Round head machine (8-32 x 1.00")
13	152294	4	• SCREW, Round head machine (8-32 x 1.25")
14	111579	6	• SCREW, Round head machine (8-32 x 1.50")
15	138765	16	• NUT, Lock (8-32 gr 5)
16	104000	14	• WASHER, Lock (0.25")
17	103940	4	• SCREW, Socket head cap (0.25"-20 x 1.25")
18	103855	10	• BOLT, Hex head (0.25"-20 x 0.50" gr 5)
19	103958	2	• SCREW, Round head machine (8-32 x 0.75")
20	112249	2	• WASHER, Lock (#8)

Section 3 – Cylinders



3.1 Jib Cylinder



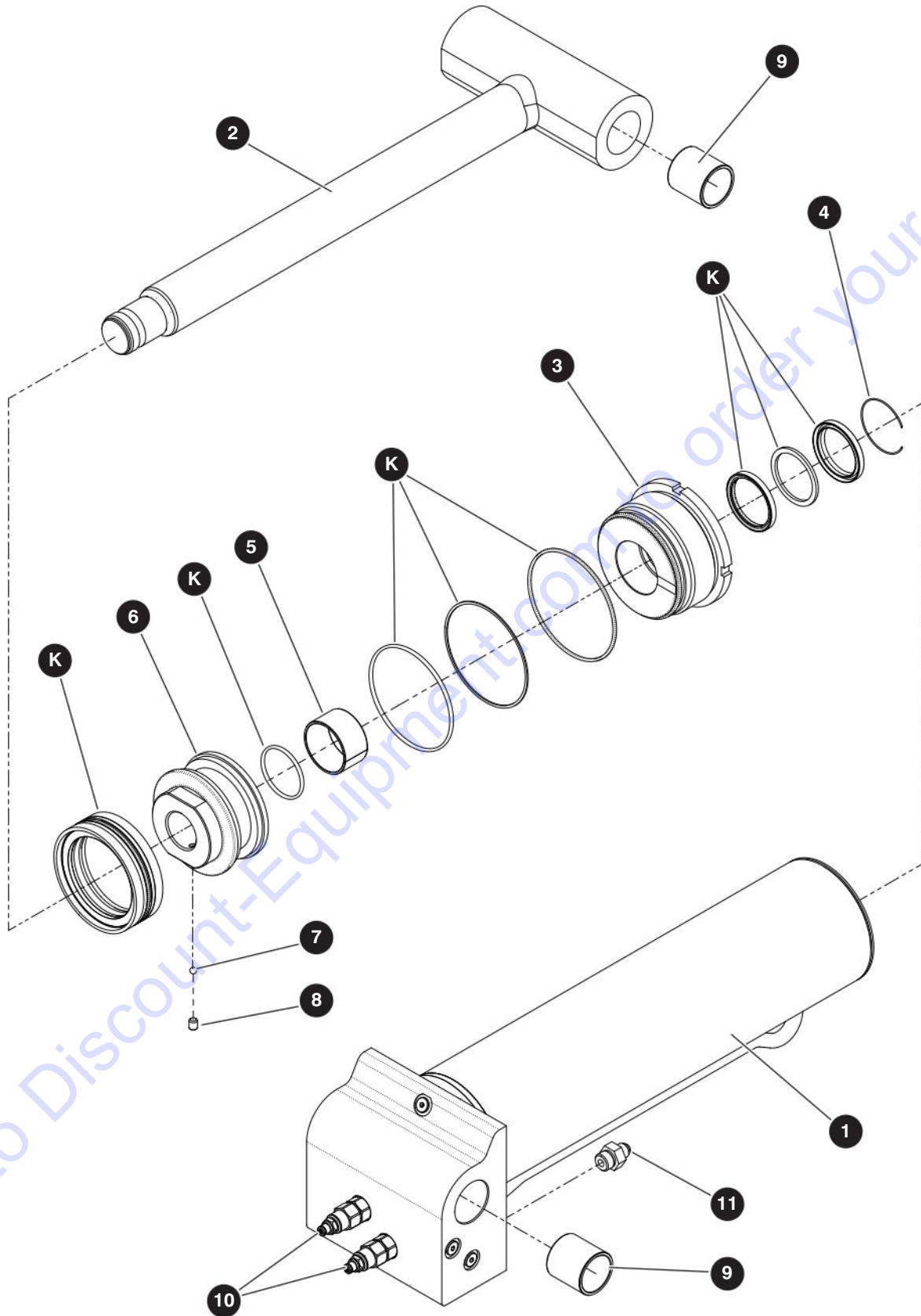
M165083AE

210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
-	216057	1	JIB CYLINDER
1	220560	1	• TUBE
2	220561	1	• ROD
3	220562	1	• GLAND
4	220563	1	• PISTON
5	220567	1	• NUT, Lock
6	220566	1	• BLOCK, Manifold - jib cylinder
7	216059	2	• VALVE, Counterbalance
8	220564	1	• RING, Cushion
9	220565	1	• GUIDE, Cushion
10	212691	2	• BUSHING, (1.50" dia x 1.50" lg)
11	220568	2	• BUSHING, (1.25" dia x 1.25" lg)
12	220570	1	• SCREW, Set
K	220569	1	SEAL KIT, Jib Cylinder

3.2 Slave Cylinder



M123456AA

210340AE

68

SJ85AJ

SKYJACK

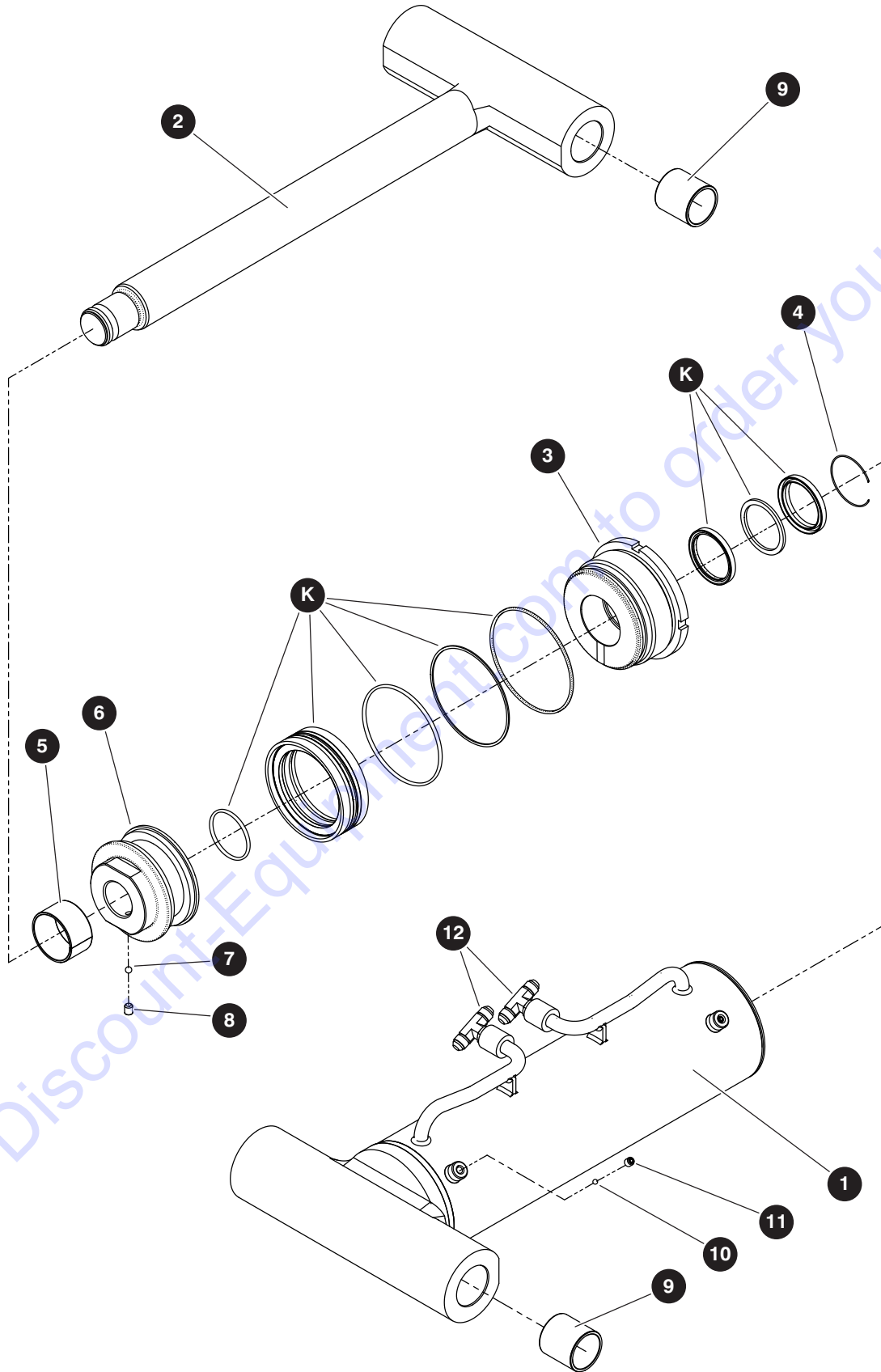
3.2 Slave Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	197906	1	SLAVE CYLINDER
-	197889	1	• CYLINDER, Slave
1	212742	1	• • TUBE
2	212743	1	• • ROD
3	212744	1	• • GLAND
4	212732	1	• • RING, Retaining
5	212733	1	• • BEARING, Dry
6	212745	1	• • PISTON
7	209121	1	• • BALL, Steel (6.35 mm)
8	212690	1	• • SCREW, Set (M8 x 1.25 x 10)
9	212746	4	• • BEARING, MRP
10	209153	2	• • VALVE, Counterbalance
11	103070	2	• FITTING, Straight (06JICM-08ORBM)
K	212747	1	SEAL KIT, Slave cylinder

3.3 Extension Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	197907	1	EXTENSION CYLINDER
-	198250	1	• CYLINDER, Extension
1	212709	1	• • TUBE
2	212710	1	• • ROD
3	212711	1	• • GLAND
4	212712	1	• • RING, Retaining
5	212713	1	• • RING, Cushion
6	212714	1	• • SPACER
7	212715	2	• • SCREW, Set (M6 x 1 x 10)
8	212716	1	• • PISTON
9	209122	1	• • SCREW, Set (M8 x 1.25 x 12)
10	213020	2	• • VALVE, Counterbalance
-	198339	1	• SUPPORT, Extension cylinder
11	198340	1	• • PLATE, Top
12	198342	1	• • PLATE, Bottom
13	198343	2	• • PAD, Wear
14	101297	4	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
15	104606	4	• • NUT, Lock (0.375"-16 gr 5 nylon)
16	103999	8	• • WASHER, Lock (0.375")
17	125741	8	• • BOLT, Hex head (0.375"-16 x 0.875" gr 8)
18	135091	2	• FITTING, Elbow 90° (10JICM-10ORB)
K	212717	1	SEAL KIT, Extension cylinder

3.4 Master Cylinder



M197905AB

210340AE

72

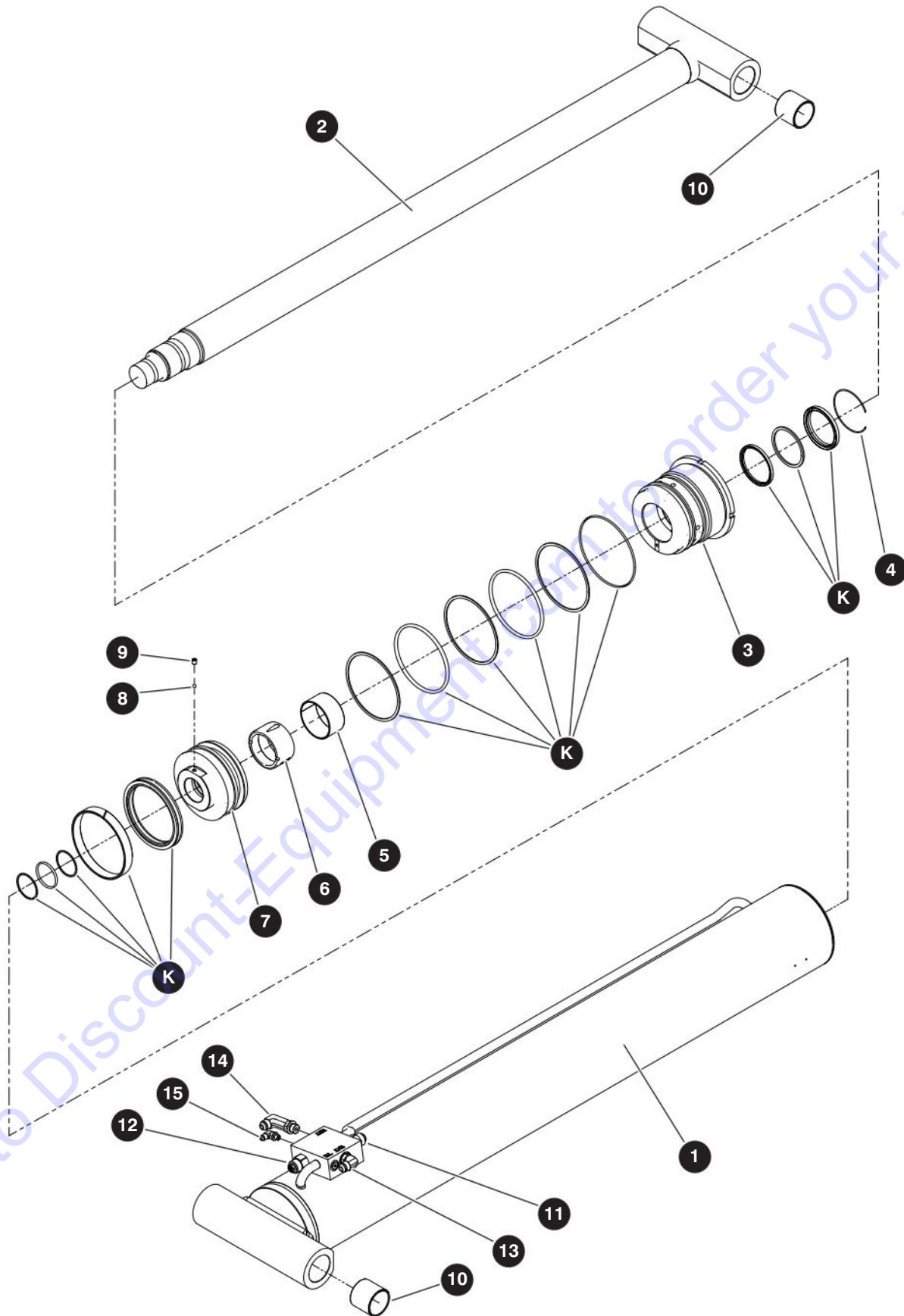
SJ85AJ

SKYJACK

3.4 Master Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	197905	1	MASTER CYLINDER
-	197888	1	• CYLINDER, Master
1	212725	1	• • TUBE
2	212726	1	• • ROD
3	212727	1	• • GLAND
4	212732	1	• • RING, Retaining
5	212733	1	• • BEARING, Dry
6	212734	1	• • PISTON
7	209121	1	• • BALL, Steel (6.35 mm)
8	212690	1	• • SCREW, Set (M8 x 1.25 x 10)
9	212735	4	• • BEARING, MRP
10	212737	2	• • BALL, Steel (4.76 mm)
11	212738	2	• • SCREW, Set (M8 x 1.25 x 8)
12	114579	2	• FITTING, Tee (06JICM-06JICM-06ORB)
K	212739	1	SEAL KIT, Master cylinder

3.5 Main Lift Cylinder



M197904AD

210340AE

74

SJ85AJ

SKYJACK

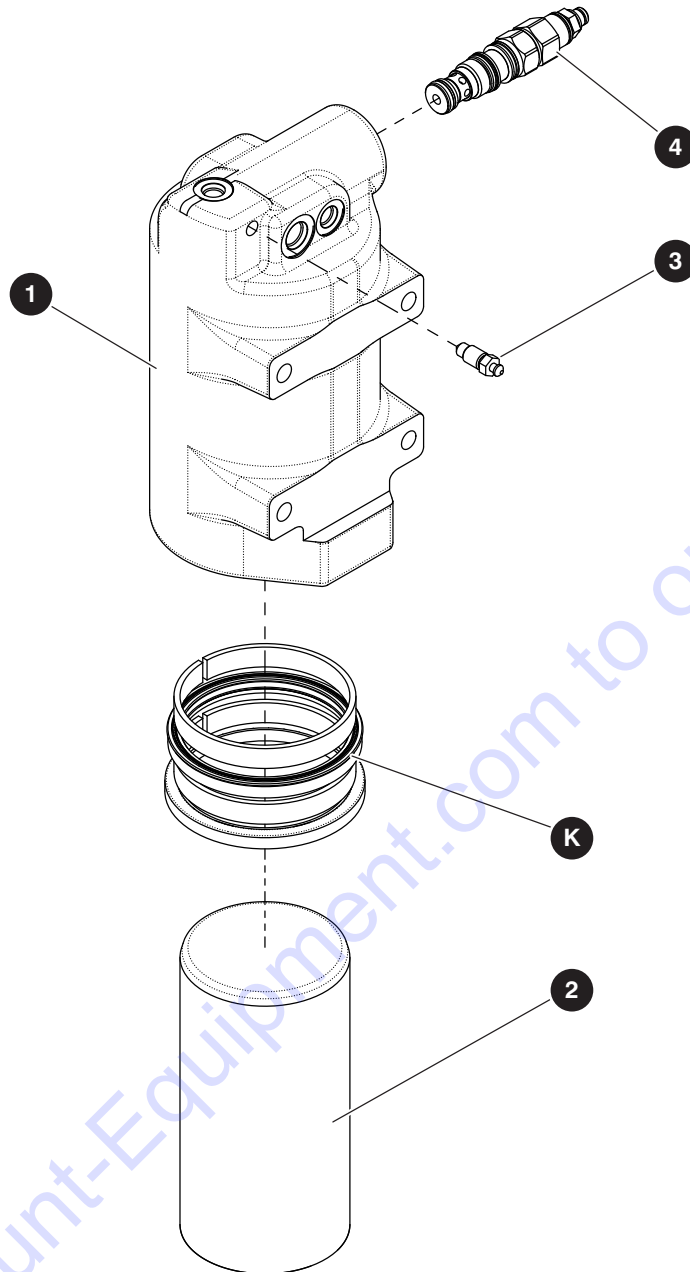
3.5 Main Lift Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	197904	1	MAIN LIFT CYLINDER
-	197887	1	• CYLINDER, Main lift
1	212696	1	• • TUBE
2	212697	1	• • ROD
3	212698	1	• • GLAND
4	212699	1	• • RING, Retaining
5	212700	1	• • BEARING, Dry
6	212701	1	• • RING, Cushion
7	212702	1	• • PISTON
8	209121	1	• • BALL, Steel (6.35 mm)
9	212690	1	• • SCREW, Set (M8 x 1.25 x 10)
10	212703	4	• • BEARING, MRP
11	213021	1	• • VALVE, Counterbalance - 4000 psi
12	212624	1	• • VALVE, Counterbalance - 2200 psi
13	114583	1	• FITTING, Elbow 90° (08JICM-08ORBM)
14	702798	1	• FITTING, Elbow 90° LL (08JICM-08ORBM)
15	125883	1	• FITTING, Elbow 90° (04JICM-04ORBM)
K	212704	1	SEAL KIT, Main lift cylinder

3.6 Riser Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	197908	1	RISER CYLINDER
-	197878	2	• CYLINDER, Riser
1	212682	1	• • TUBE
2	212683	1	• • ROD
3	212684	1	• • GLAND
4	212685	1	• • RING, Retaining
5	212686	1	• • BEARING, Dry
6	212688	1	• • PISTON
7	212689	1	• • RING, Piston
8	209121	1	• • BALL, Steel (6.35 mm)
9	212690	1	• • SCREW, Set (M8 x 1.25 x 10)
10	212691	4	• • BEARING, MRP
11	212663	1	• • VALVE, Counterbalance
12	135061	2	• FITTING, Branch tee (08JICM-08JICM-08ORB)
13	114583	2	• FITTING, Elbow 90° (08JICM-08ORB)
K	212693	1	SEAL KIT, Riser cylinder

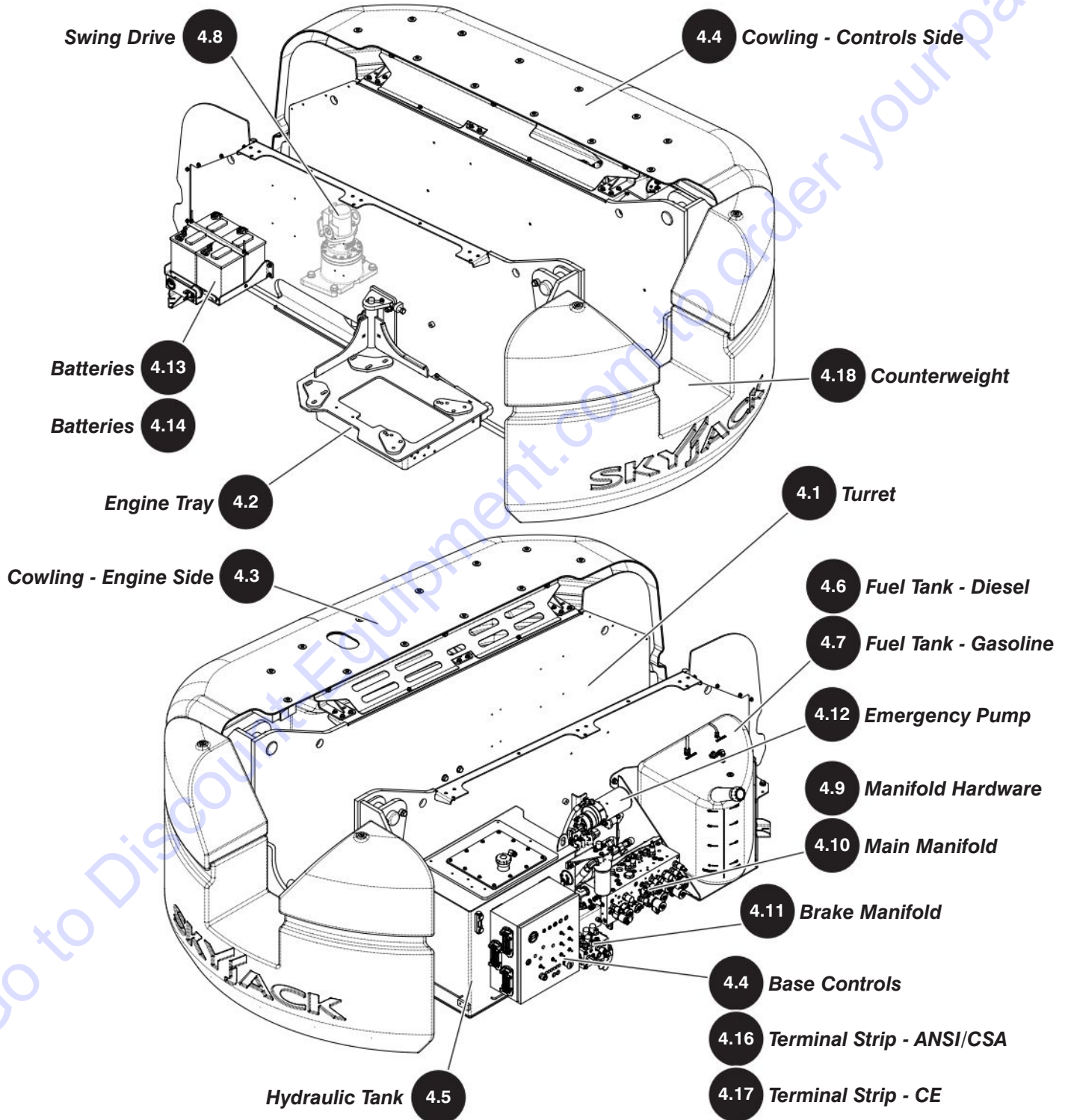
3.7 Axle Lock Cylinder



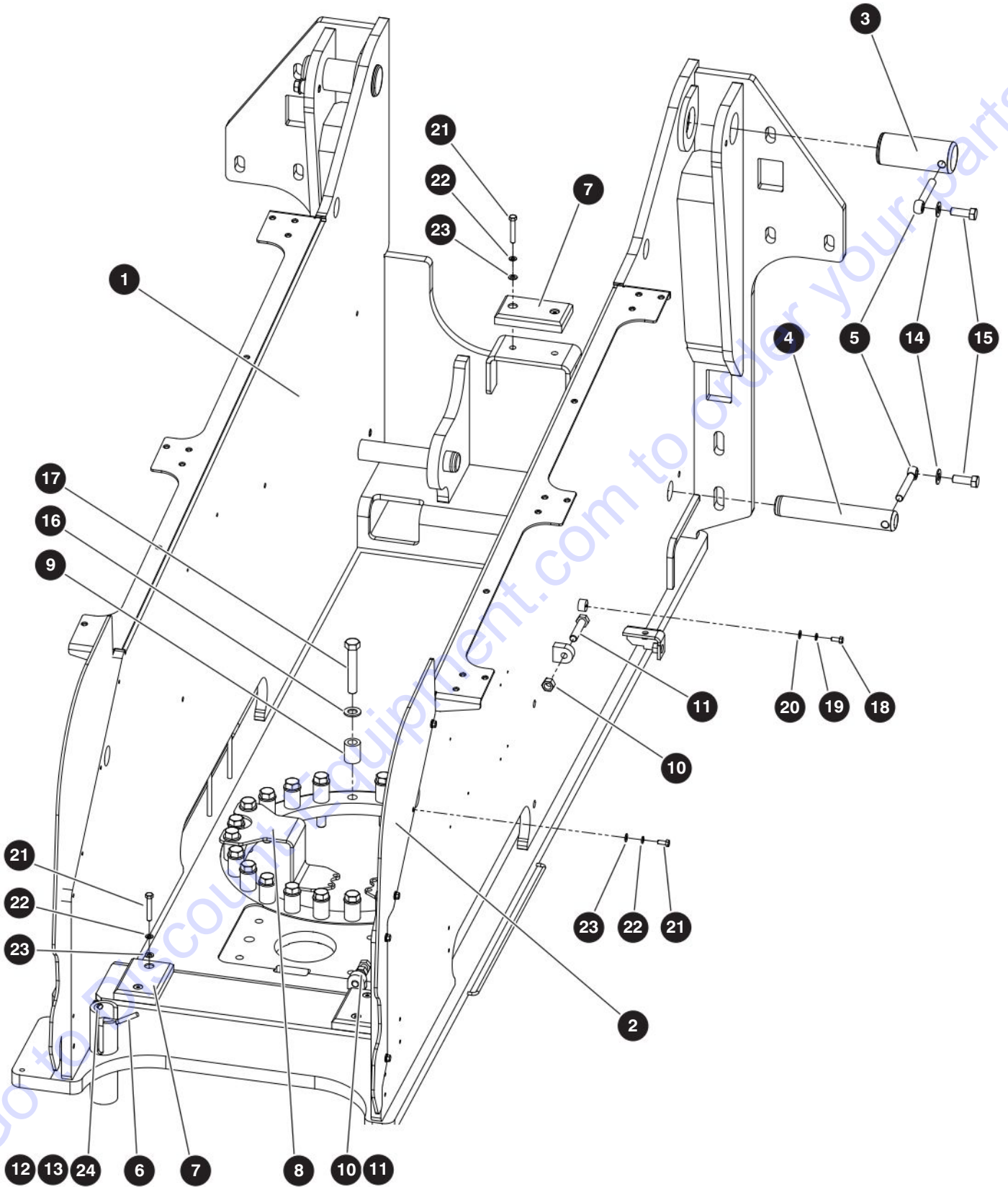
M198433AB

Index No.	Skyjack Part No.	Qty.	Description
-	212871	1	AXLE LOCK CYLINDER
1	154558	1	• BARREL
2	154559	1	• ROD
3	154561	1	• SCREW, Bleed
4	212872	1	• VALVE, Counterbalance - 4800 psi
K	154557	1	SEAL KIT, Axle lock cylinder

Section 4 – Turret



4.1 Turret



M197758AE

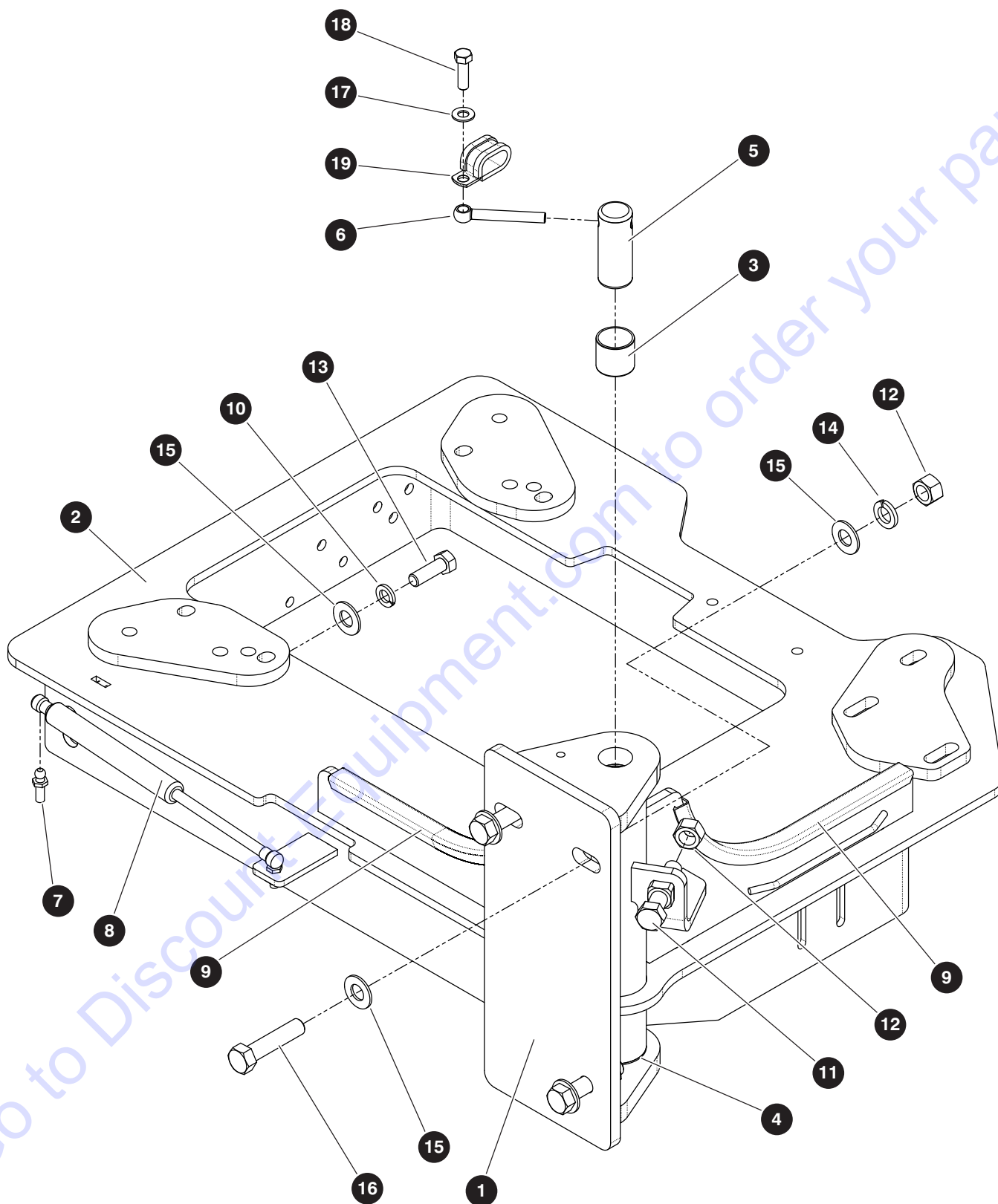
210340AE

SJ85AJ

4.1 Turret

Index No.	Skyjack Part No.	Qty.	Description
-	197758	1	TURRET
1	197784	1	• TURRET WELDMENT
2	198006	2	• PLATE, Rear turret panel
3	197727	2	• PIN, 2.750 dia X 6.875 long
4	153690	2	• PIN, 1.75 dia x 10.688 long
5	146898	4	• PIN, Keeper (0.625")
6	159483	1	• PIN, Transportation locking
7	212857	3	• PAD, Riser
8	153710	2	• BRACKET, Mounting - rotary manifold
9	159418	24	• SPACER, Slewing ring
10	103981	2	• NUT, Hex (0.625"-11 gr 5)
11	154197	2	• BOLT, Hex head (0.625"-11 x 3.000")
12	103856	1	• BOLT, Hex head (0.25"-20 x 0.750" gr 5)
13	115649	1	• NUT, Lock (0.250"-20 gr 5 nylon)
14	700782	4	• WASHER, Flat (0.625" hardened)
15	148944	4	• BOLT, Hex head patch (0.625"-11 x 1.75" gr 8)
16	702194	24	• WASHER, Flat (0.75" hard)
17	138276	24	• BOLT, Hex head (0.75"-10 X 4.500" gr 8)
18	103887	2	• BOLT, Hex head (0.312"-18 X 0.75" gr 5)
19	103404	2	• WASHER, Lock (0.312")
20	103996	2	• WASHER, Flat (0.312")
21	101297	16	• BOLT, Hex head (0.375"-16 x 1.25 gr5)
22	103999	16	• WASHER, Lock (0.375")
23	103472	16	• WASHER, Flat (0.375")
24	103995	1	• WASHER, Flat (0.25")

4.2 Engine Tray



M198147AD

210340AE

82

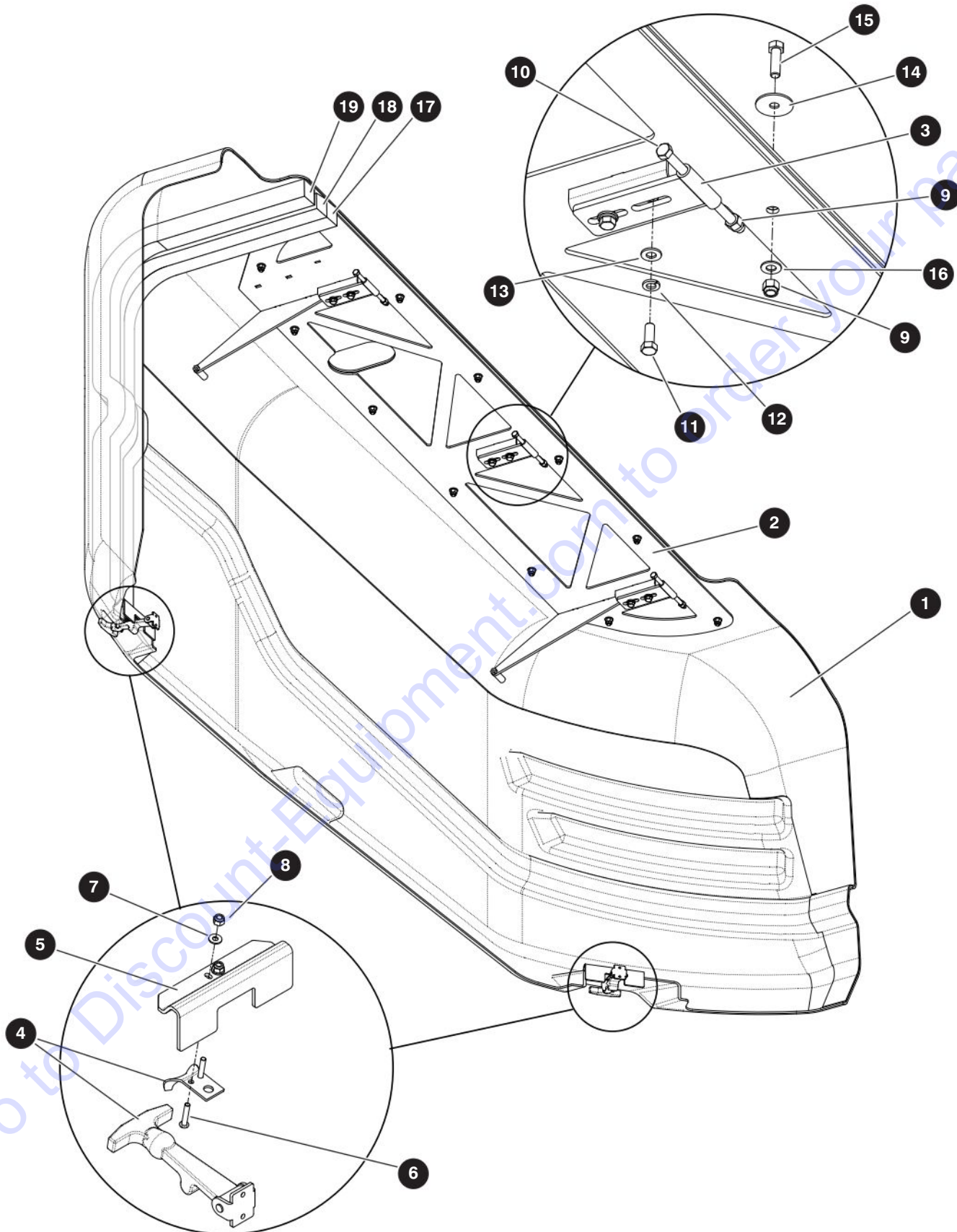
SJ85AJ

SKYJACK

4.2 Engine Tray

Index No.	Skyjack Part No.	Qty.	Description
-	198147	1	ENGNE TRAY
1	154164	1	• MOUNT, Engine tray
2	198148	1	• TRAY, Engine
3	100071	2	• BUSHING, Fiberglide
4	121703	1	• WASHER, Thrust - Fiberglide
5	148846	2	• PIN, Boom (1.25" dia x 3.125" long)
6	146897	2	• PIN, Keeper (0.375")
7	146903	2	• STUD, Ball (10 mm)
8	162038	1	• SPRING, Gas (16" lg - 157 lb-f)
9	119922	28"	• TRIM, Protective (0.25"-0.50")
10	103470	1	• WASHER, Lock (0.50" gr 5)
11	154197	1	• BOLT, Hex head (0.625"-11 x 3.000" gr 5)
12	103981	4	• NUT, Hex (0.625"-11 gr 5)
13	103907	1	• BOLT, Hex head (0.50"-13 x 1.500" gr 5)
14	103998	3	• WASHER, Lock (0.625")
15	700782	7	• WASHER, Flat (0.625" hard)
16	125747	3	• BOLT, Hex head (0.625"-11 x 2.750" gr 5)
17	103472	2	• WASHER, Flat (0.375")
18	101297	2	• BOLT, Hex head (0.375"-16 x 1.250" gr 5)
19	103078	1	• CLAMP, Loop

4.3 Cowling - Engine Side



M197984AC

210340AE

84

SJ85AJ

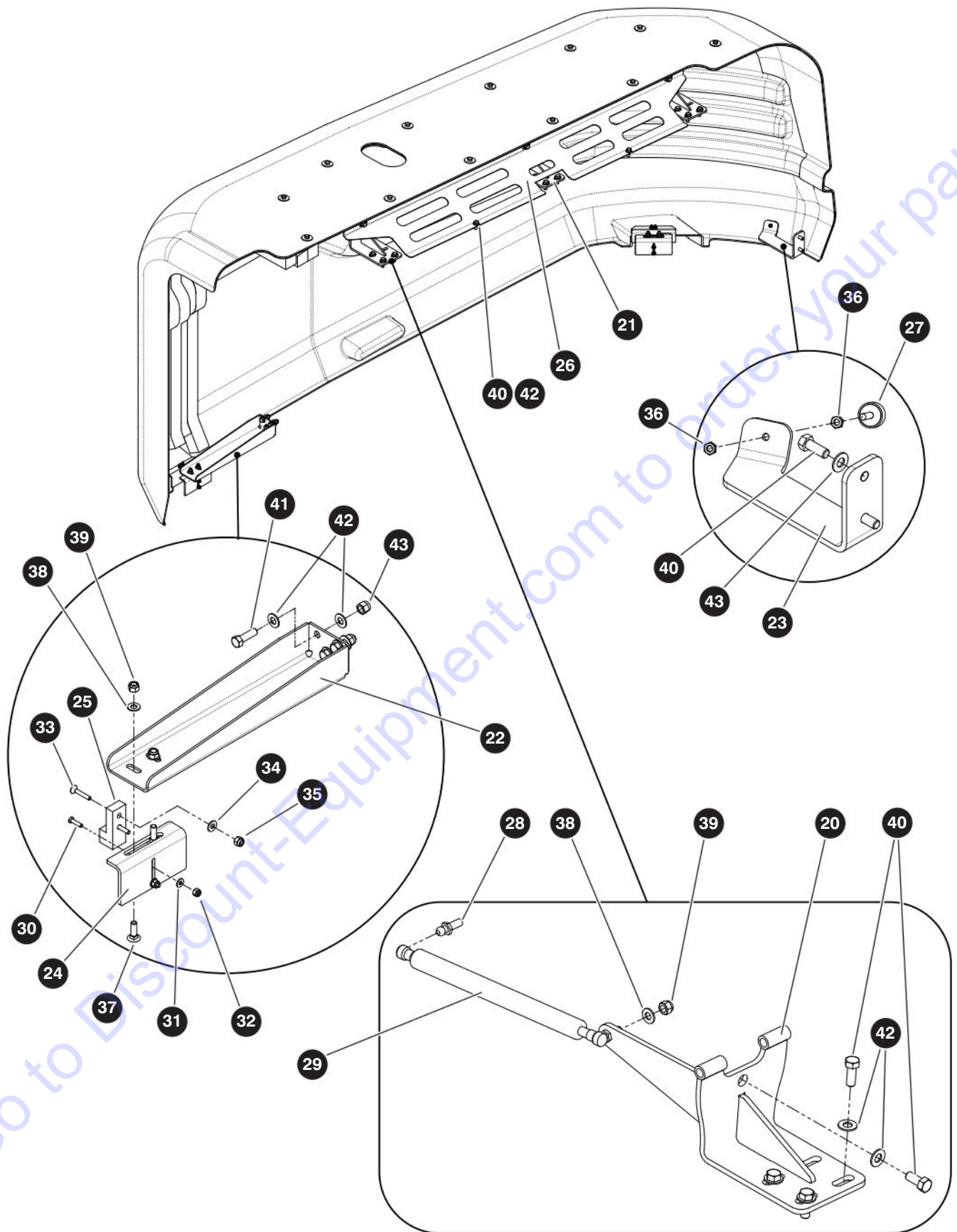
SKYJACK

4.3 Cowling - Engine Side

Index No.	Skyjack Part No.	Qty.	Description
-	197982	1	COWLING ASSEMBLY - RH
-	197984	1	• COWLING, RH
1	197986	1	• • SHELL, Cowling - RH
2	197993	1	• • MOUNT, Cowling
3	149484	3	• • HINGE, Upper
4	144002	2	• • LATCH, Flexible draw
5	154172	2	• • STOP, Cowling
6	151155	4	• • SCREW, Round head machine (10-24 x 1.00")
7	104694	4	• • WASHER, Flat (#10)
8	126642	4	• • NUT, Lock (10-24 gr 5 nylon)
9	104606	15	• • NUT, Lock (0.375"-16 gr 5 nylon)
10	138736	3	• • BOLT, Hex head (0.375"-16 x 6.00" gr 5)
11	103473	6	• • BOLT, Hex head (0.375"-16 x 1.00" gr 5)
12	103999	6	• • WASHER, Lock (0.375")
13	125959	6	• • WASHER, Flat (0.375" hard)
14	127067	12	• • WASHER, Flat (0.375" style BB)
15	101297	12	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
16	103472	12	• • WASHER, Flat (0.375")
17	148368	72"	• • FOAM SEAL (2" x 2")
18	148368	66"	• • FOAM SEAL (2" x 2")
19	148368	66"	• • FOAM SEAL (2" x 2")

Parts list continued on the next page.

4.3 Cowling - Engine Side



M197982AB

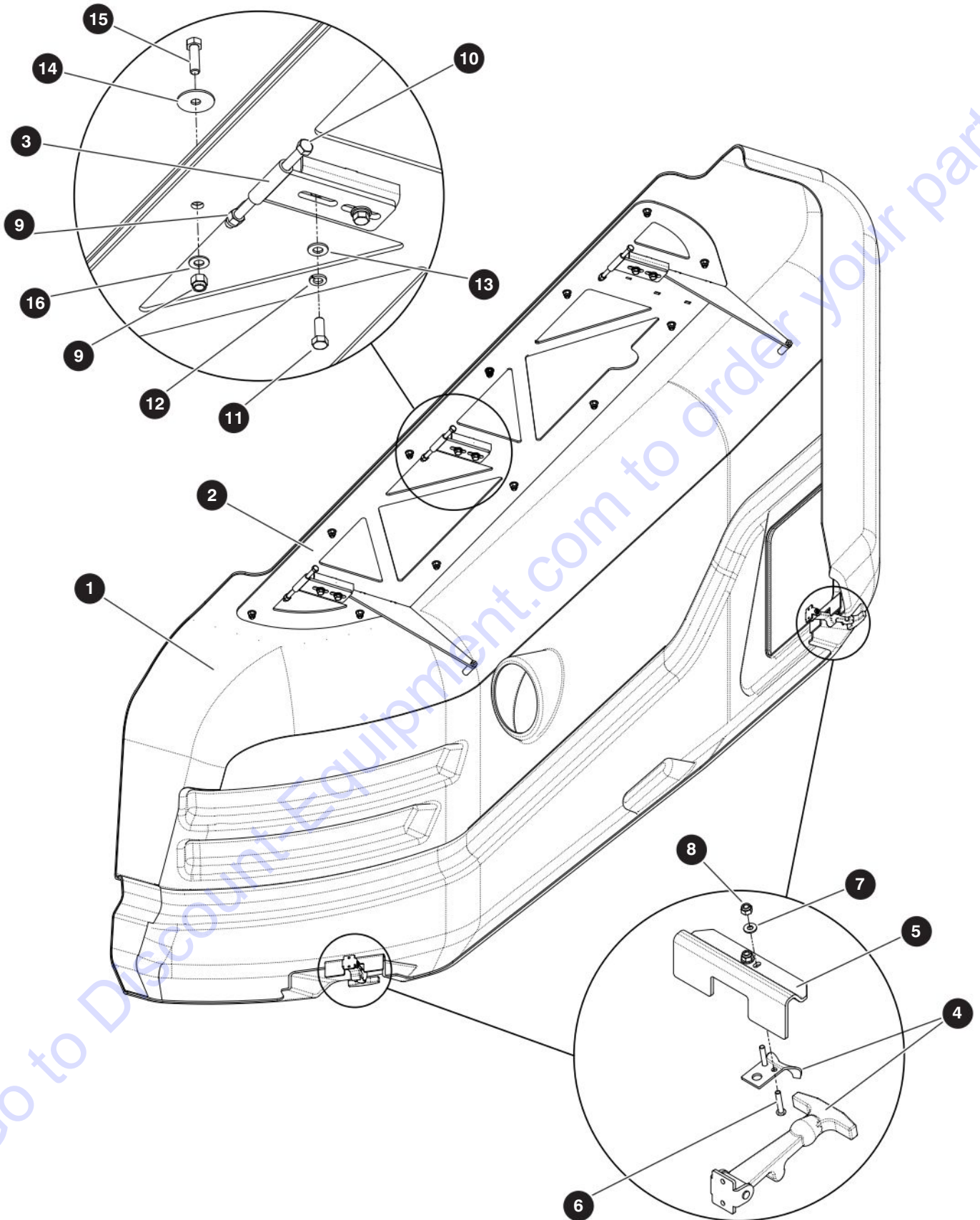
210340AE

SJ85AJ

4.3 Cowling - Engine Side

Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
20	197759	2	• HINGE, Outer
21	197998	1	• HINGE, Center
22	197990	1	• BRACKET, Latch - front right
23	153881	1	• BRACKET, Standoff - RH
24	162151	2	• BRACKET, Mount - latch
25	162136	2	• SUPPORT, Cowling
26	197996	1	• HINGE, Cover - RH
27	144015	1	• MOUNT, Anit-vibration (0.25"-20 UNC)
28	146903	4	• STUD, Ball (10 mm)
29	146902	2	• SPRING, Gas
30	138834	4	• SCREW, Round head machine (10-24 x 0.75")
31	104694	4	• WASHER, Flat (#10)
32	126642	4	• NUT, Lock (10-24 gr 5 nylon)
33	163397	4	• SCREW, Flat head hex (0.25"-20 x 1.25" gr 5)
34	103995	4	• WASHER, Flat (0.25")
35	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon)
36	103983	2	• NUT, Hex head jam (0.25"-20 gr 5)
37	133216	4	• BOLT, Carriage (0.312"-18 x 1.00" gr 5)
38	103996	6	• WASHER, Flat (0.312")
39	103984	6	• NUT, Lock (0.312"-18 gr 5 nylon)
40	103473	16	• BOLT, Hex head (0.375"-16 x 1.00" gr 5)
41	101297	3	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
42	103472	22	• WASHER, Flat (0.375")
43	104606	3	• NUT, Lock (0.375-16 gr 5 nylon)

4.4 Cowling - Controls Side



M197983AC

210340AE

88

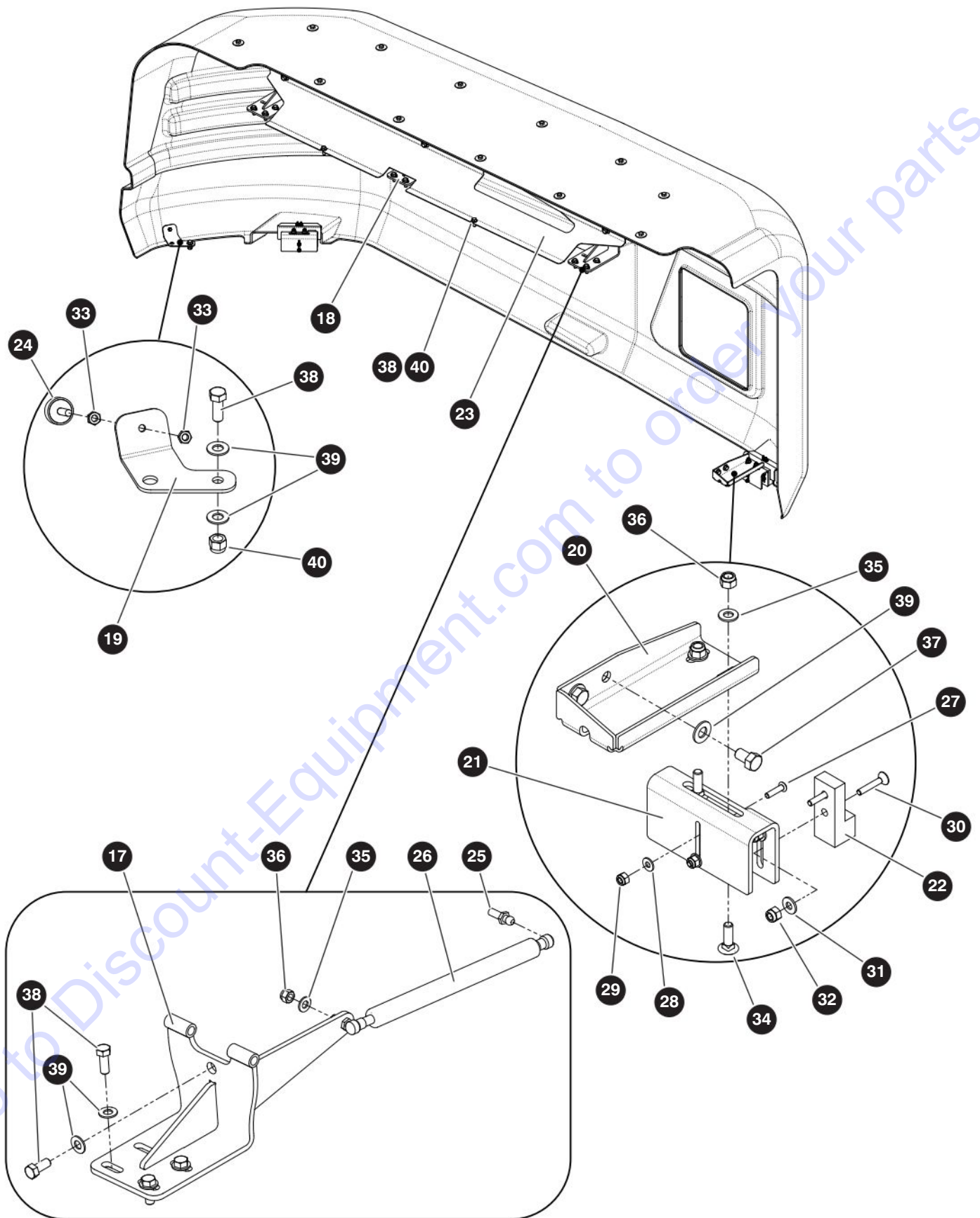
SJ85AJ

SKYJACK

4.4 Cowling - Controls Side

Index No.	Skyjack Part No.	Qty.	Description
-	197981	1	COWLING ASSEMBLY, LH
-	197983	1	• COWLING, LH
1	197985	1	• • SHELL, Cowling - LH
2	197987	1	• • MOUNT, Cowling
3	149484	3	• • HINGE, Upper
4	144002	2	• • LATCH, Flexible draw
5	154172	2	• • STOP, Cowling
6	151155	4	• • SCREW, Round head machine (10-24 x 1.00")
7	104694	4	• • WASHER, Flat (#10)
8	126642	4	• • NUT, Lock (10-24 gr 5 nylon)
9	104606	15	• • NUT, Lock (0.375"-16 gr 5 nylon)
10	138736	3	• • BOLT, Hex head (0.375"-16 x 6.00" gr 5)
11	103473	6	• • BOLT, Hex head (0.375"-16 x 1.00" gr 5)
12	103999	6	• • WASHER, Lock (0.375")
13	125959	6	• • WASHER, Flat (0.375" hard)
14	127067	12	• • WASHER, Flat (0.375" style BB)
15	101297	12	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
16	103472	12	• • WASHER, Flat (0.375")
			Parts list continued on the next page.

4.4 Cowling - Controls Side



M197981AB

210340AE

90

SJ85AJ

SKYJACK

4.4 Cowling - Controls Side

Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
17	197759	2	• HINGE, Outer
18	197998	1	• HINGE, Center
19	197992	1	• BRACKET, Bumper - LH
20	197991	1	• BRACKET, Mounting - handle
21	162151	2	• BRACKET, Mounting - latch
22	162136	2	• SUPPORT, Cowling
23	197997	1	• HINGE, Cowling cover - LH
24	144015	1	• MOUNT, Anit-vibration (0.25"-20 UNC)
25	146903	4	• STUD, Ball (10 mm)
26	146902	2	• SPRING, Gas
27	138834	4	• SCREW, Round head machine (10-24 x 0.75")
28	104694	4	• WASHER, Flat (#10)
29	126642	4	• NUT, Lock (10-24 gr 5 nylon)
30	163397	4	• SCREW, Flat head hex (0.25"-20 x 1.25" gr 5)
31	103995	4	• WASHER, Flat (0.25")
32	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon)
33	103983	2	• NUT, Hex head jam (0.25"-20 gr 5)
34	133216	4	• BOLT, Carriage (0.312"-18 x 1.00" gr 5)
35	103996	6	• WASHER, Flat (0.312")
36	103984	6	• NUT, Lock (0.312"-18 gr 5 nylon)
37	138464	2	• BOLT, Hex head (0.375"-16 x 0.625" gr 5)
38	103473	15	• BOLT, Hex head (0.375"-16 x 1.00" gr 5)
39	103472	18	• WASHER, Flat (0.375")
40	104606	1	• NUT, Lock (0.375"-16 gr 5 nylon)

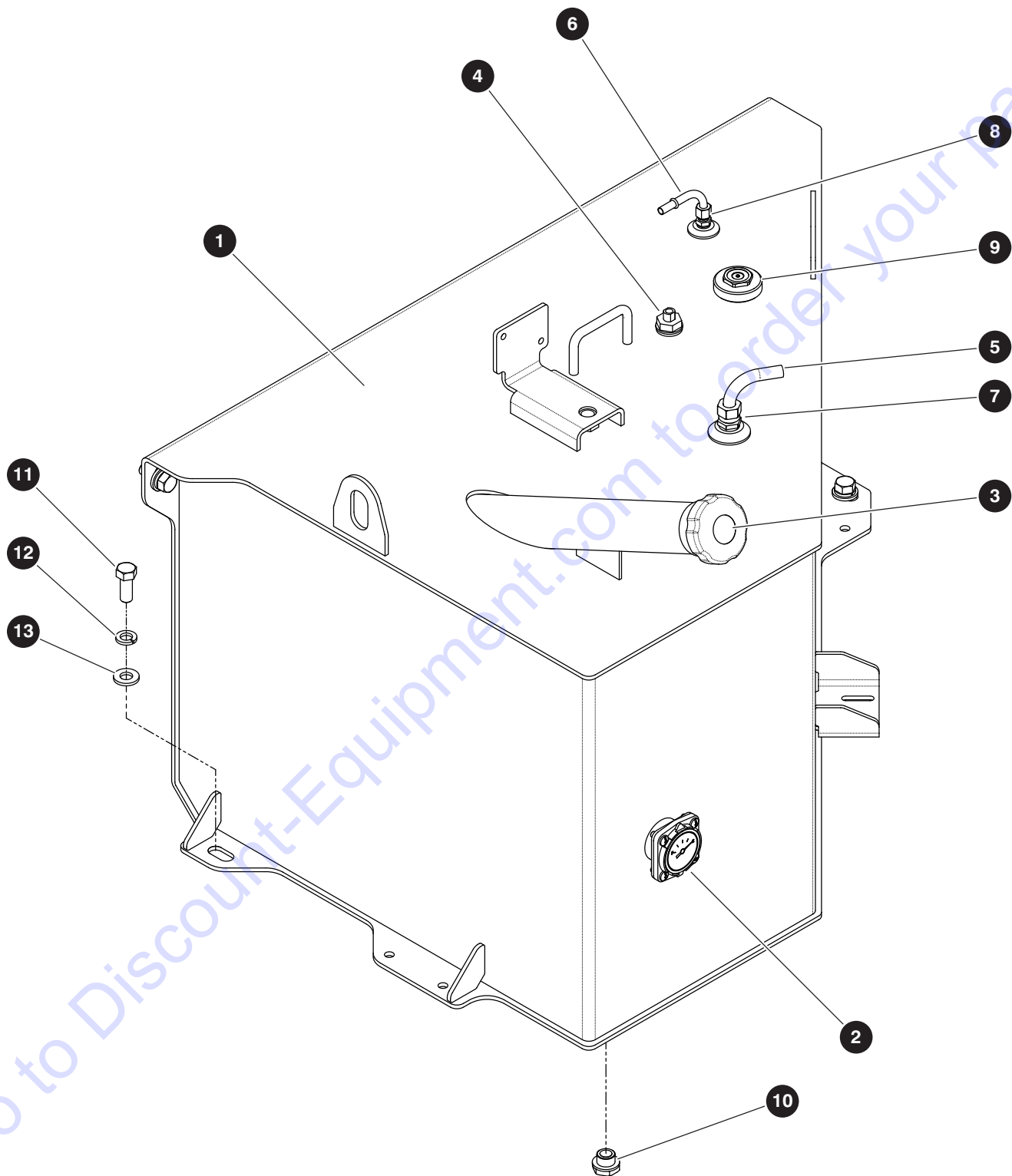
4.5 Hydraulic Tank

Index No.	Skyjack Part No.	Qty.	Description
-	197970	1	HYDRAULIC TANK
-	198478	1	• HYDRAULIC TANK ASSEMBLY
-	197971	1	• • TANK, Hydraulic
1	197972	1	• • • TANK, Hydraulic
2	138480	1	• • • GAUGE, Level/temp
3	147443	1	• • • GASKET, Cover
4	147417	1	• • • COVER, Tank
5	136361	1	• • • CAP, Filler - non-vented
6	137540	1	• • • VENT, Breather
7	144520	1	• • • FITTING, Elbow 90° (06NPTF-06NPTM)
8	103985	12	• • • WASHER, Flat (0.25")
9	103892	12	• • • BOLT, Hex head (0.25"-20 x 0.625" gr 5)
10	161933	1	• • FILTER, Return - in-line
	161948	1	• • • ELEMENT, Filter - in-line return
11	149215	2	• • FITTING, Elbow 45° (10JICM-10ORBM)
12	131707	1	• • FITTING, Elbow, 45° (12JICM-12ORBM)
13	102659	1	• • FITTING, Straight (08JICM-08ORBM)
14	702796	1	• • FITTING, Plug (08ORB hex socket)
15	147531	1	• • FITTING, Straight (20ORBM-16BEAD)
16	165485	1	• • FITTING, Straight (20ORBM-24BEAD)
17	143980	1	• • FITTING, Plug - magnetic (08ORBM)
18	139101	1	• • FITTING, Straight (20ORBM-20ORBM)
19	165483	1	• • FITTING, Straight (20ORBM-16ORBF)
20	707040	1	• • FITTING, Elbow 90° (16JICM-16ORBM)
21	161932	1	• FILTER, High pressure (25 gpm with indicator)
	161947	1	• • ELEMENT, Filter - high pressure
	169246	1	• • PLUG, Indicator with seals
22	197979	1	• BRACKET, High pressure filter
23	105445	1	• FITTING, Elbow 90° (12JICM-12ORBM)
24	144116	1	• FITTING, Run tee (12JICM-12ORBM-12JICM)
25	131753	1	• FITTING, Cap (12JICF)
26	104379	6	• WASHER, Flat (0.50" hard)
27	126286	4	• WASHER, Lock (0.50" gr 8)
28	103910	4	• BOLT, Hex head (0.50"-13 X 1.25" gr 8)
29	101632	6	• BOLT, Hex head (0.375"-16 X 0.75" gr 5)
30	103472	6	• WASHER, Flat (0.375")
31	102929	1	• CLAMP, Single clip (G10)
32	103875	1	• BOLT, Hex head (0.25"-20 X 1.00" gr 5)
33	103999	2	• WASHER, Lock (0.375")
34	115649	1	• NUT, Lock (0.255"-20 gr 5 nylon)

4.6 Fuel Tank - Diesel

Index No.	Skyjack Part No.	Qty.	Description
-	198010	1	FUEL TANK, Diesel
1	198014	1	• TRAY, Tank
-	210471	1	• TANK, Diesel
2	210472	1	• • TANK, Diesel - molded
3	144410	1	• • CAP, Fuel (non EPA)
4	138230	1	• • SWITCH, Fuel level
5	103155	1	• • FITTING, Brass tank (04NPT)
6	138491	1	• • TUBE, Fuel send/return
7	143478	1	• • FITTING, Nipple (04NPT x 2.00" lg brass)
8	144325	1	• • FITTING, Elbow 90° (04NPTF-04NPTF brass)
9	116408	1	• • VENT, Breather (04NPT)
10	164674	1	• • FITTING, Compression - tube
11	164673	1	• • TUBE, Suction - fuel
12	138739	4	• BOLT, Hex head patch (0.375"-16 x 0.75" gr5)
13	127067	4	• WASHER, Flat (0.375 style BB)
14	103910	4	• BOLT, Hex head (0.50"-13 x 1.25" gr 8)
15	126286	4	• WASHER, Lock (0.50" gr 8)
16	104379	4	• WASHER, Flat (0.50" hard)
17	152333	1	• CLAMP, Tube (0.625")

4.7 Fuel Tank - Gasoline



M197960AB

210340AE

96

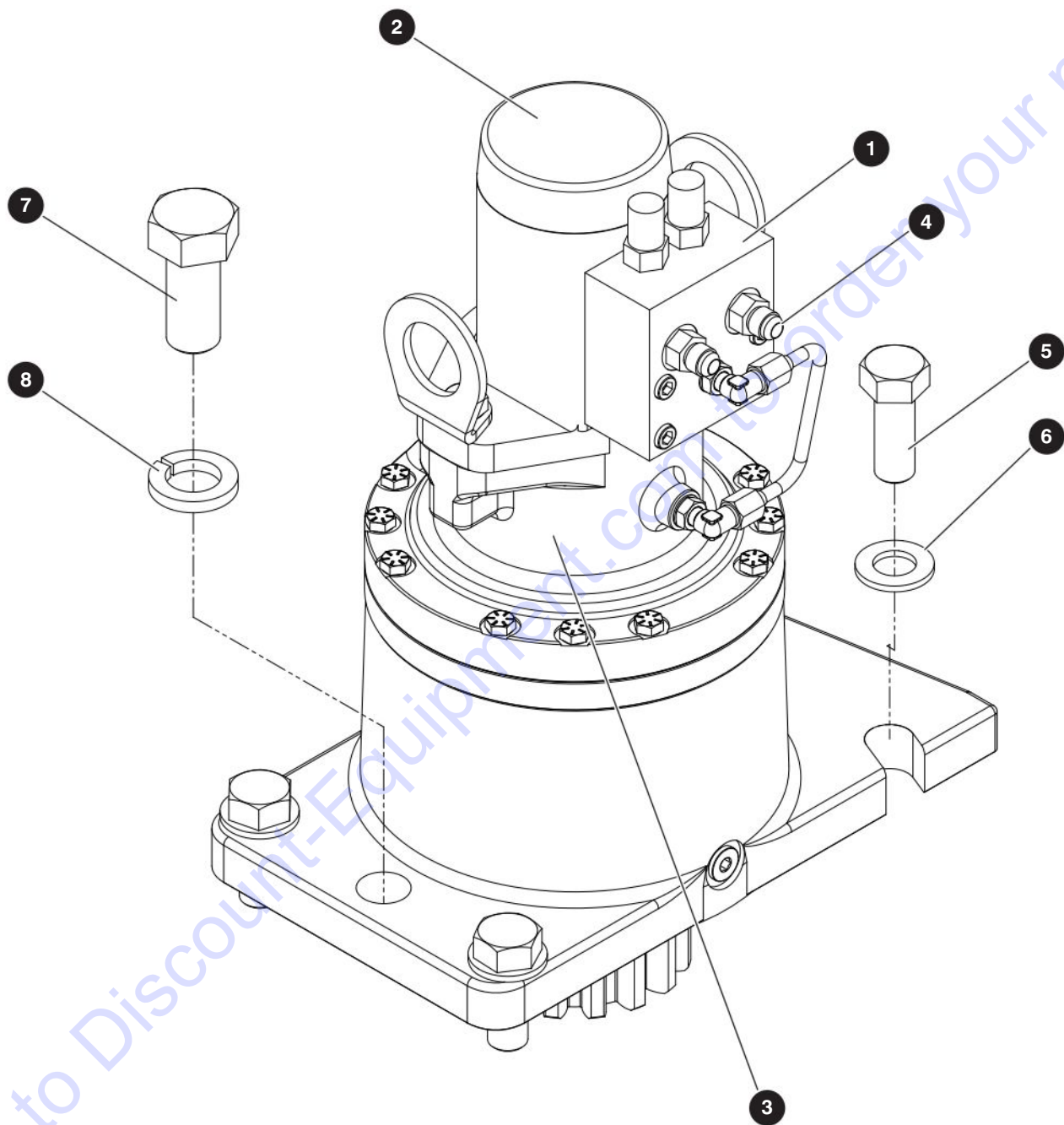
SJ85AJ

SKYJACK

4.7 Fuel Tank - Gasoline

Index No.	Skyjack Part No.	Qty.	Description
-	197960	1	FUEL TANK ASSEMBLY - GASOLINE
-	197961	1	• TANK, Fuel - steel
1	197963	1	• • TANK, Fuel
2	144393	1	• • GAUGE, Fuel level
3	198479	1	• • CAP, Filler
4	138230	1	• • SWITCH, Fuel level
5	164673	1	• • TUBE, Suction
6	144338	1	• • TUBE, Send/return
7	164674	1	• • FITTING, Compression tube (0.50" OD x 0.50" NPT)
8	103115	1	• • FITTING, Brass tank (T68-5B, 0.25" NPT)
9	144392	1	• • VALVE, Dual action
10	117701	1	• • PLUG, Tank - magnetic (0.75"-16 UNF)
11	103910	4	• BOLT, Hex head (0.50"-13 x 1.25" gr 8)
12	126286	4	• WASHER, Lock (0.50" gr 8)
13	104379	4	• WASHER, Flat (0.50" hard)

4.8 Swing Drive



M167074AC

210340AE

98

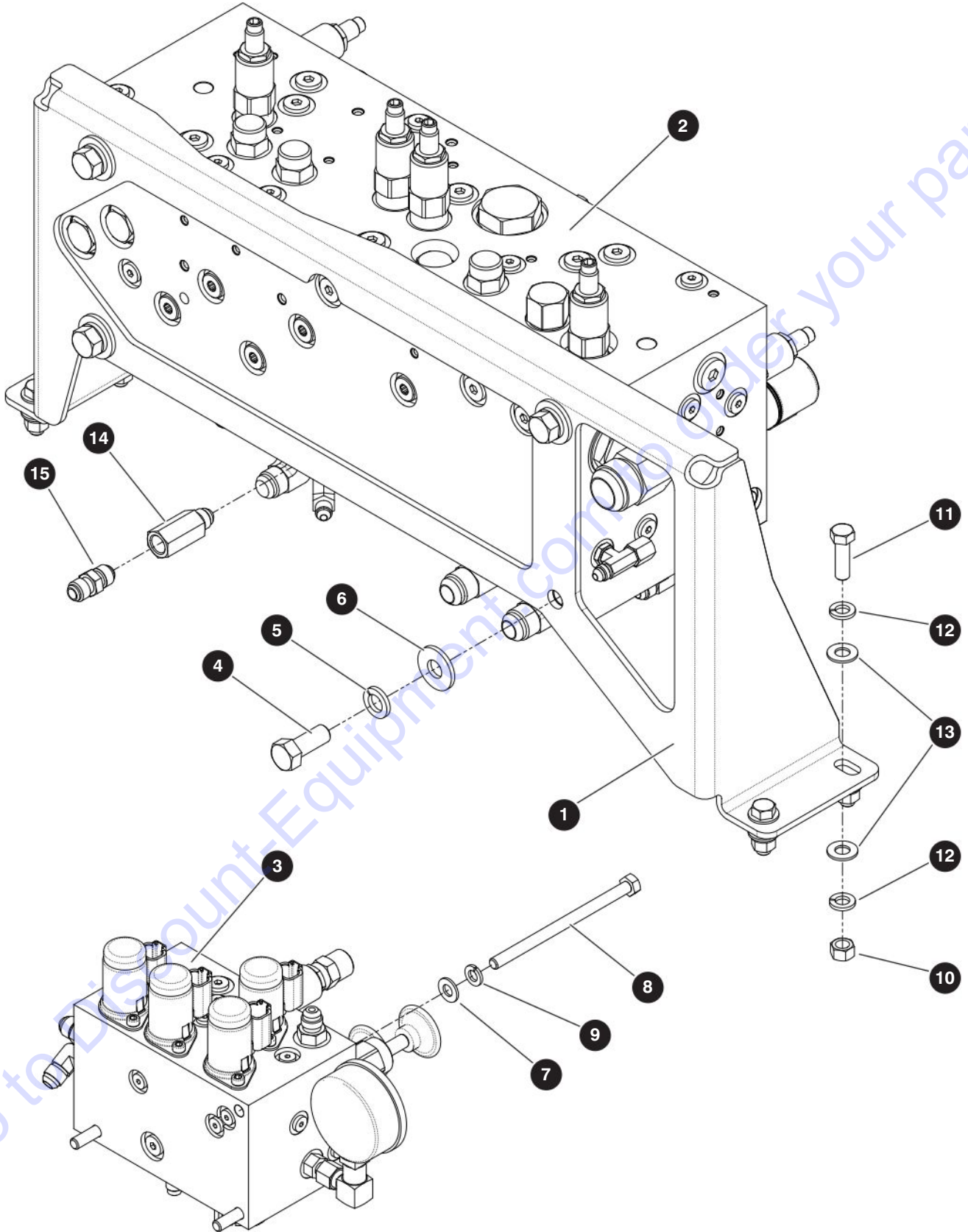
SJ85AJ

SKYJACK

4.8 Swing Drive

Index No.	Skyjack Part No.	Qty.	Description
-	198218	1	SWING DRIVE
-	212858	1	• SWING DRIVE, Turret Rotate
1	170931	1	• • MANIFOLD, Swing drive
	171421	2	• • • VALVE, Counterbalance
	194480	2	• • • O-RING
2	170930	1	• • MOTOR, Hydraulic
3	-	1	• • BRAKE, Hydraulic
	168873	1	• • • BRAKE SUBASSEMBLY (includes rotor, stator, seals)
	194472	1	• • • CARRIER SUBASSEMBLY (includes shaft, carrier, bearings, gears)
	194473	1	• • • SHAFT, Output
	194474	1	• • • CUP, Bearing - tapered (lower)
	194475	1	• • • CONE, Bearing - tapered (lower)
	194476	1	• • • HOUSING, Brake
	194477	1	• • • CUP, Bearing - tapered (upper)
	194478	1	• • • CONE, Bearing - tapered (upper)
	194479	1	• • • GEAR, Sun
4	103069	2	• FITTING, Straight (06JICM-06ORBM)
5	159237	4	• BOLT, Hex head (0.75"-10 X 2.00" gr 8)
6	702194	4	• WASHER, Flat (0.75" hard)
7	139181	1	• BOLT, Hex head (1.0"-8 x 2.50" gr 8)
8	107948	1	• WASHER, Lock (1.00")
K1	168874	1	SEAL KIT, Brake
K2	168875	1	SEAL KIT, Main shaft & ring gear
K3	TBD	1	SPRING KIT, Brake

4.9 Main & Brake Manifold Hardware



M198219AE

210340AE

100

SJ85AJ

SKYJACK

4.9 Main & Brake Manifold Hardware

Index No.	Skyjack Part No.	Qty.	Description
-	198219	1	MAIN & BRAKE VALVES
1	198001	1	• BRACKET, Main Manifold
2	(Ref.)	1	• MAIN MANIFOLD (For components, refer to 4.10 Main Manifold)
3	(Ref.)	1	• BRAKE MANIFOLD (For components, refer to 4.11 Brake Manifold)
4	103909	4	• BOLT, Hex head (0.50"-13 X 1.250 gr 5)
5	103470	4	• WASHER, Lock (0.50" gr 5)
6	104379	4	• WASHER, Flat (0.50" USS)
7	103996	3	• WASHER, Flat (0.312")
8	138762	3	• BOLT, Hex head (0.312"-18 X 5.00" gr 5)
9	103404	3	• WASHER, Lock (0.312")
10	103978	4	• NUT, Hex (0.375"-16 gr 5)
11	101297	4	• BOLT, Hex head (0.375"-16 X 1.25" gr 5)
12	103999	8	• WASHER, Lock (0.375")
13	103472	8	• WASHER, Flat (0.375")
14	171434	1	• VALVE, Check - inline (06JICF-06JICM)
15	162110	1	• FITTING, Straight (06JICM-06JICM)

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

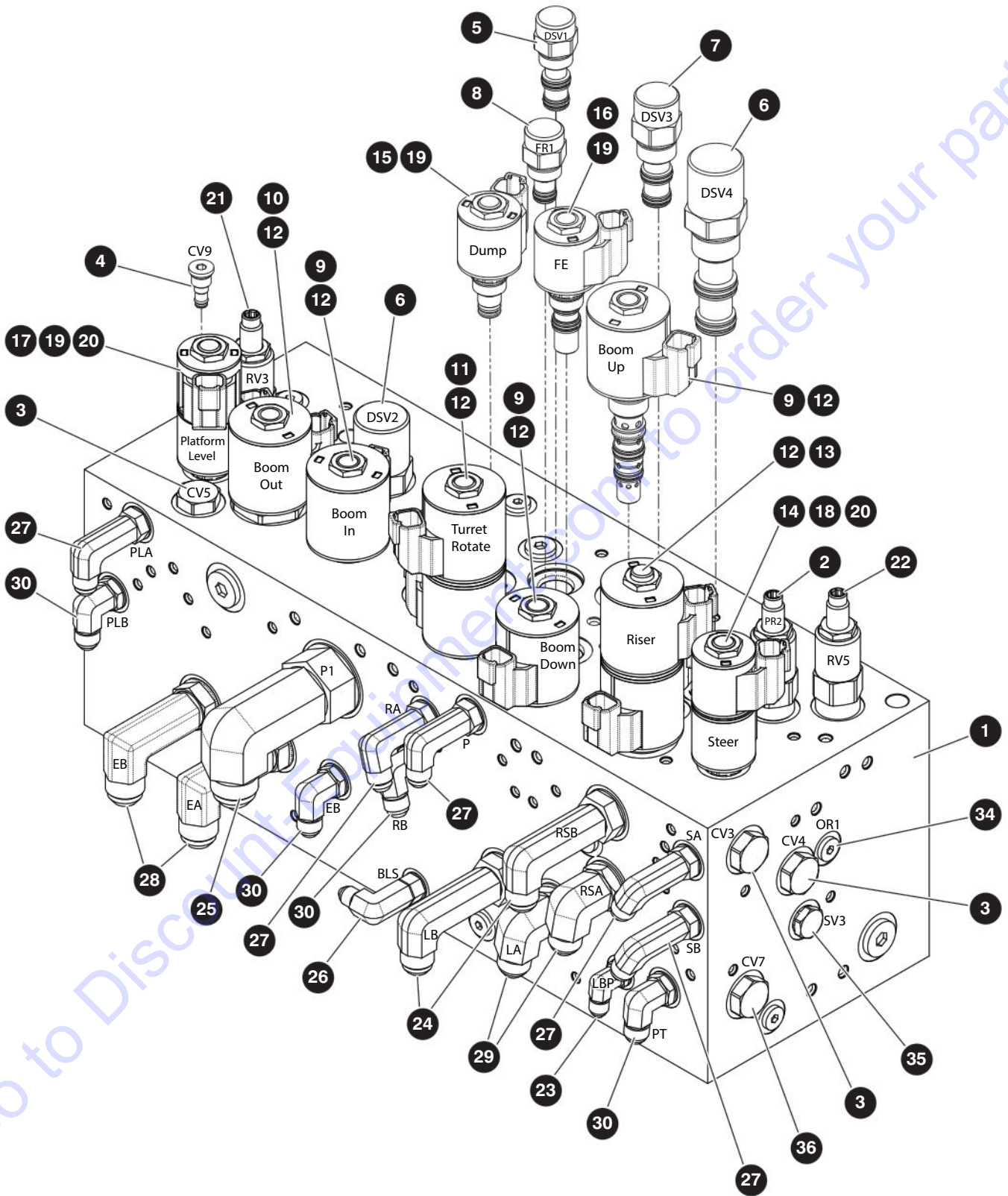
Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

4.10 Main Manifold



M198103AF-1

210340AE

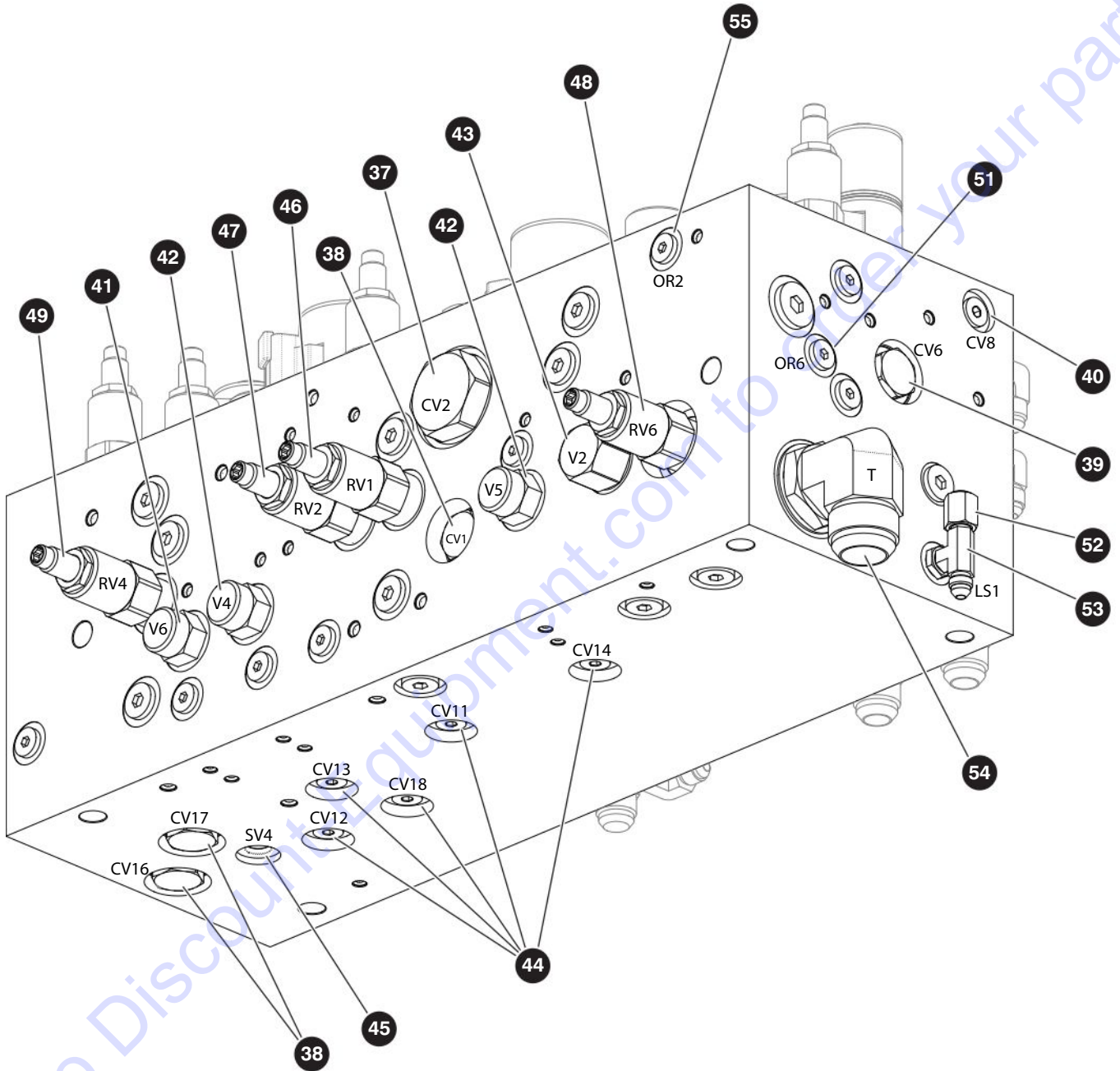
102

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198103	1	MAIN MANIFOLD
1	212567	1	• BLOCK, Manifold
2	212548	1	• VALVE, Pressure reducing
3	199471	3	• VALVE, Check
4	197770	1	• VALVE, Check
5	166063	1	• VALVE, Flow control
6	212550	2	• VALVE, Flow control
7	212551	1	• VALVE, Flow control
8	166058	1	• VALVE, Flow control
9	168758	3	• VALVE, Solenoid
10	168756	1	• VALVE, Solenoid
11	159806	1	• VALVE, Electro-proportional
12	212554	8	• COIL, Solenoid "ER" (12 V DC, size 10)
13	212555	1	• VALVE, Electro-proportional
14	208875	1	• VALVE, Solenoid
15	102626	1	• VALVE, Solenoid
16	168755	1	• VALVE, Solenoid
17	159803	1	• VALVE, Solenoid
18	208881	2	• COIL, Solenoid "ER" (12 V DC, size 08)
19	159821	4	• COIL, Solenoid "ER/Z" (12 V DC, size 08)
20	171411	2	• DISC, Check valve (not shown)
21	166047	1	• VALVE, Relief
22	212558	1	• VALVE, Relief
23	125883	1	• FITTING, 90° (04JICM-04ORBM)
24	198233	2	• FITTING, 90° LL (8JICM-10ORBM)
25	139102	1	• FITTING, 90° LL (12JICM-16ORBM)
26	126366	1	• FITTING, 90° LL (04JICM-04ORBM)
27	162071	5	• FITTING, 90° LL (06JICM-06ORBM)
28	191857	2	• FITTING, 90° LL (10JICM-10ORBM)
29	132256	2	• FITTING, 90° (08JICM-10ORBM)
30	114578	4	• FITTING, 90° (06JICM-06ORBM)
31	702796	1	• FITTING, Plug - hollow hex (08ORBM) (not shown)
32	104437	2	• FITTING, Plug - hollow hex (06ORBM) (not shown)
33	121250	5	• FITTING, Plug - hollow hex (04ORBM) (not shown)
34	212559	1	• PLUG, Orifice (0.090")
35	166054	1	• VALVE, Shuttle
36	212549	1	• VALVE, Check
			Parts list continued on the next page.

4.10 Main Manifold



M123456AA

210340AE

104

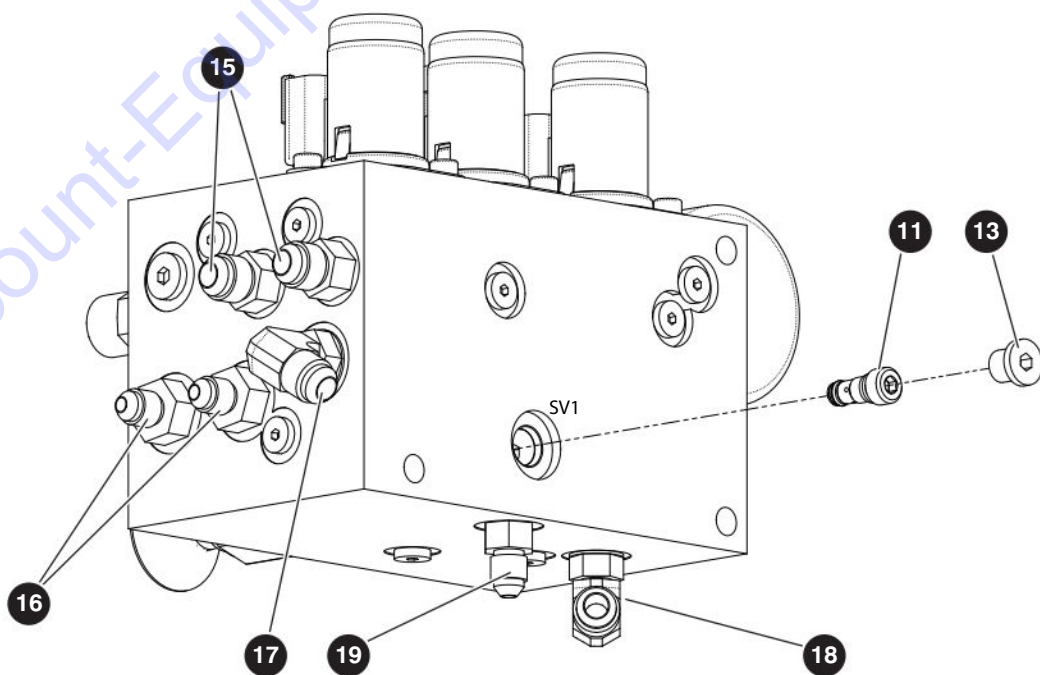
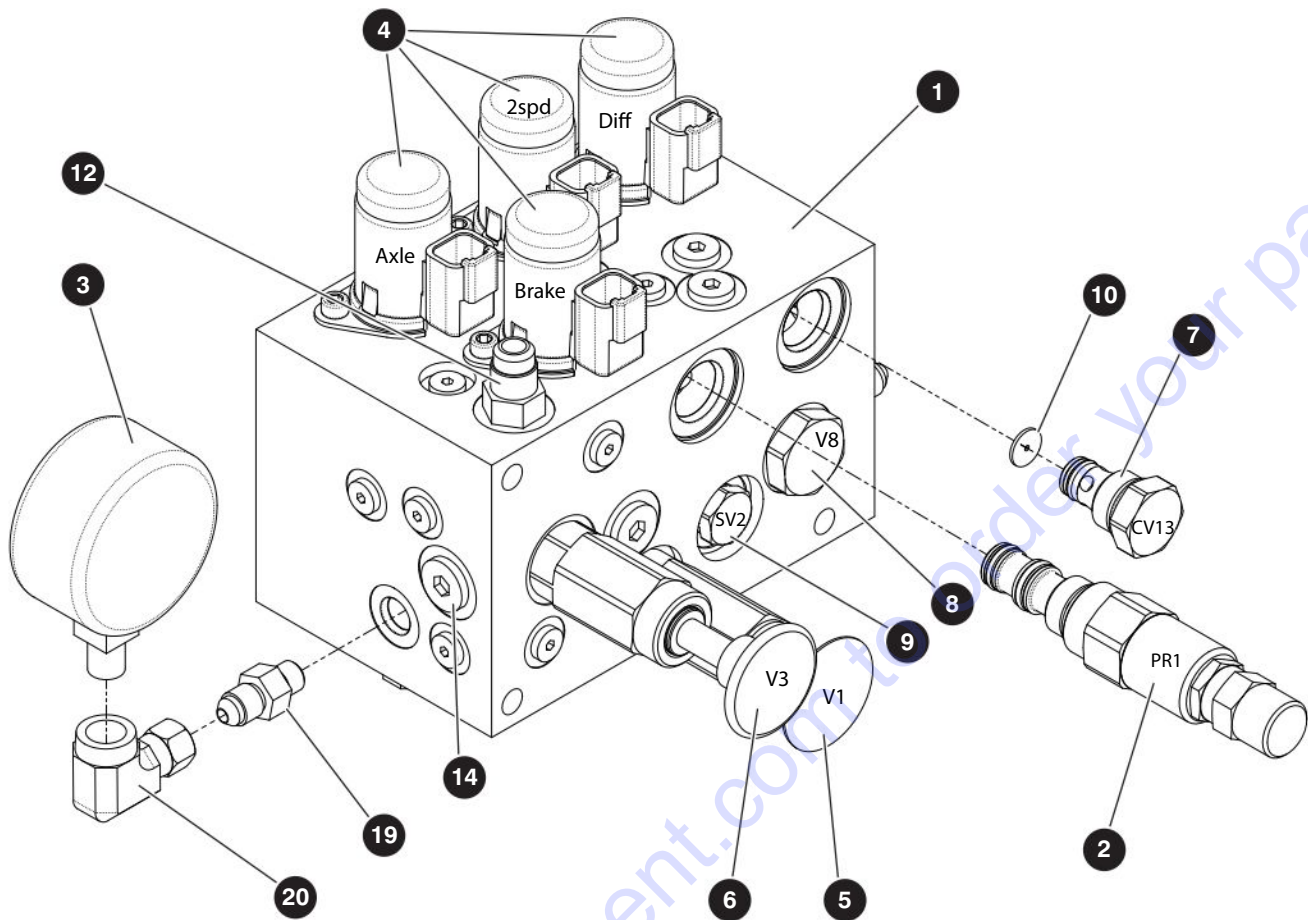
SJ85AJ

SKYJACK

4.10 Main Manifold

Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
37	171389	1	• VALVE, Check
38	159842	3	• VALVE, Check
39	199471	1	• VALVE, Check
40	197770	1	• VALVE, Check
41	212552	1	• VALVE, Directional
42	212553	2	• VALVE, Directional
43	166060	1	• VALVE, Directional
44	171412	5	• VALVE, Check
45	141414	1	• VALVE, Shuttle
46	168759	1	• VALVE, Relief
47	171428	1	• VALVE, Relief
48	212556	1	• VALVE, Relief
49	212557	1	• VALVE, Relief
50	212559	1	• PLUG, Orifice (0.090")
51	171416	4	• PLUG, Orifice (0.020")
52	131286	1	• FITTING, Cap nut (04JICF)
53	149232	1	• FITTING, Branch tee (04JICM-04JICM-04ORBM)
54	707040	1	• FITTING, 90° (16 JICM-16ORBM)
55	199475	1	• PLUG, Orifice (0.055")
56	702796	2	• FITTING, Plug - hollow hex (08ORBM) (not shown)
57	104437	12	• FITTING, Plug - hollow hex (06ORBM) (not shown)
58	121250	12	• FITTING, Plug - hollow hex (04ORBM) (not shown)

4.11 Brake Manifold



M198368AB

210340AE

106

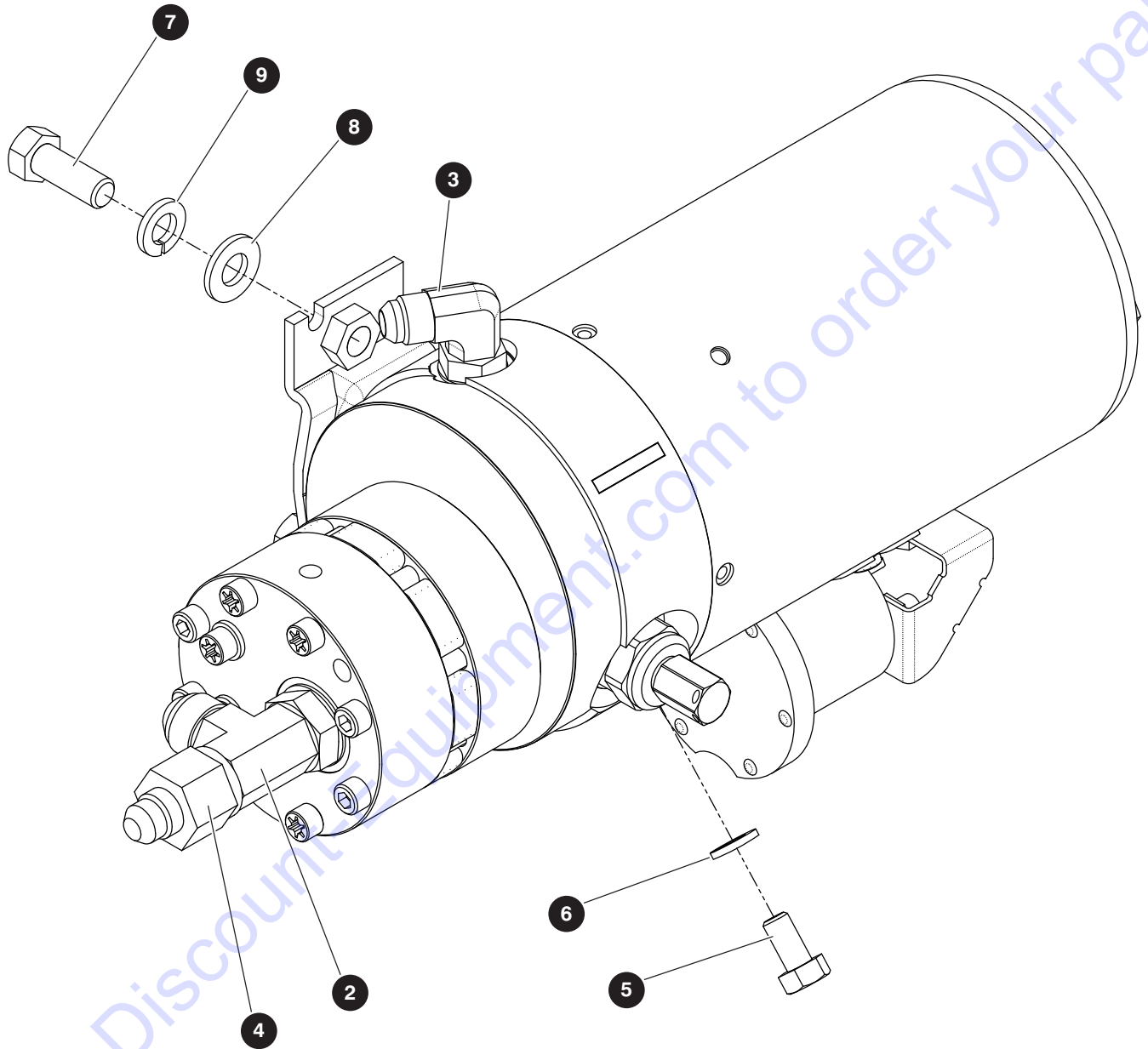
SJ85AJ

SKYJACK

4.11 Brake Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	198368	1	BRAKE MANIFOLD
1	211703	1	• BLOCK, Manifold
2	211704	1	• VALVE, Pressure reducing
3	703725	1	• GAUGE, 1000 psi
4	159827	4	• VALVE, Solenoid Cartridge
5	113752	1	• VALVE, Auto reset
6	159831	1	• PUMP, Hand
7	171413	1	• VALVE, Check
8	166053	1	• VALVE, Shuttle
9	166054	1	• VALVE, Shuttle
10	171420	1	• ORIFICE, Disk (0.073" dia)
11	141414	1	• VALVE, Shuttle
12	103069	1	• FITTING, Straight (06JICM-06ORBM)
13	121250	4	• FITTING, Plug (04ORBM)
14	104437	4	• FITTING, Plug (06ORBM)
15	128869	2	• FITTING, Straight (06JICM-04ORBM)
16	701956	2	• FITTING, Straight (04JICM-06ORBM)
17	114578	1	• FITTING, Elbow 90° (06JICM-06ORBM)
18	113348	1	• FITTING, Elbow 90° (06JICM-04ORBM)
19	126128	2	• FITTING, Straight (04JICM-04ORBM)
20	144728	1	• FITTING, Elbow 90° (04NPTM-04JICFSW)

4.12 Emergency Pump



M198220AB

210340AE

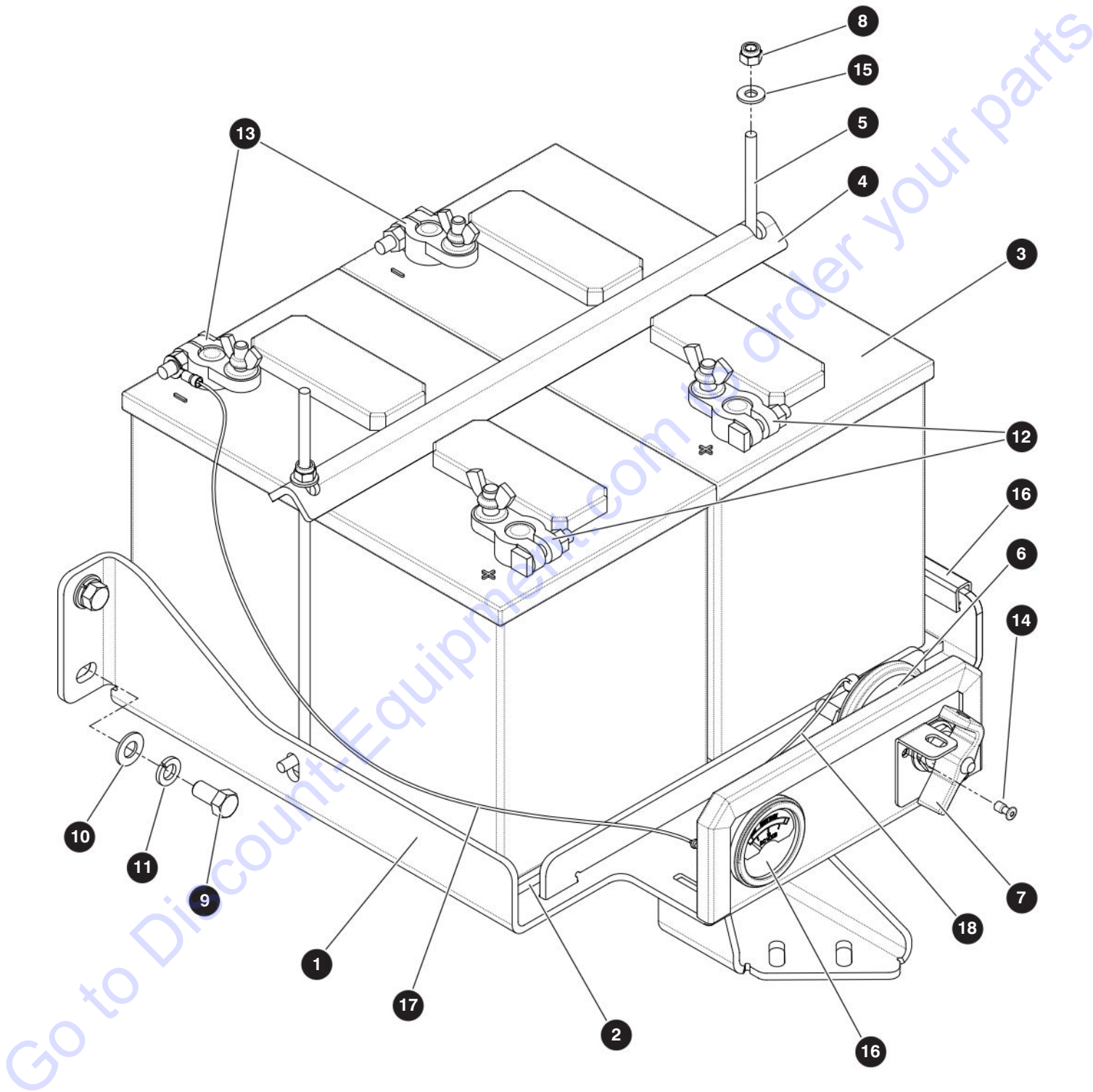
108

SJ85AJ

SKYJACK

4.12 Emergency Pump

Index No.	Skyjack Part No.	Qty.	Description
-	198220	1	EMERGENCY PUMP
1	198009	1	• PUMP, Emergency
	213009	1	• • MOTOR
	168898	1	• • CONTACTOR, Solenoid
	170714	1	• • PUMP
	209058	1	• • VALVE, Relief
2	110554	1	• FITTING, Run tee (08JICM-08ORBM-08JICM)
3	114578	1	• FITTING, Elbow 90° (06JICM-06ORBM)
4	110498	1	• FITTING, Straight (08JICF-06JICM)
5	148331	1	• BOLT, Hex head (0.312"-18 x 0.625" gr 5)
6	103404	1	• WASHER, Lock (0.312")
7	103473	2	• BOLT, Hex head (0.375"-16 X 1.00" gr 5)
8	125959	2	• WASHER, Flat (0.375" hard)
9	103999	2	• WASHER, Lock (0.375")

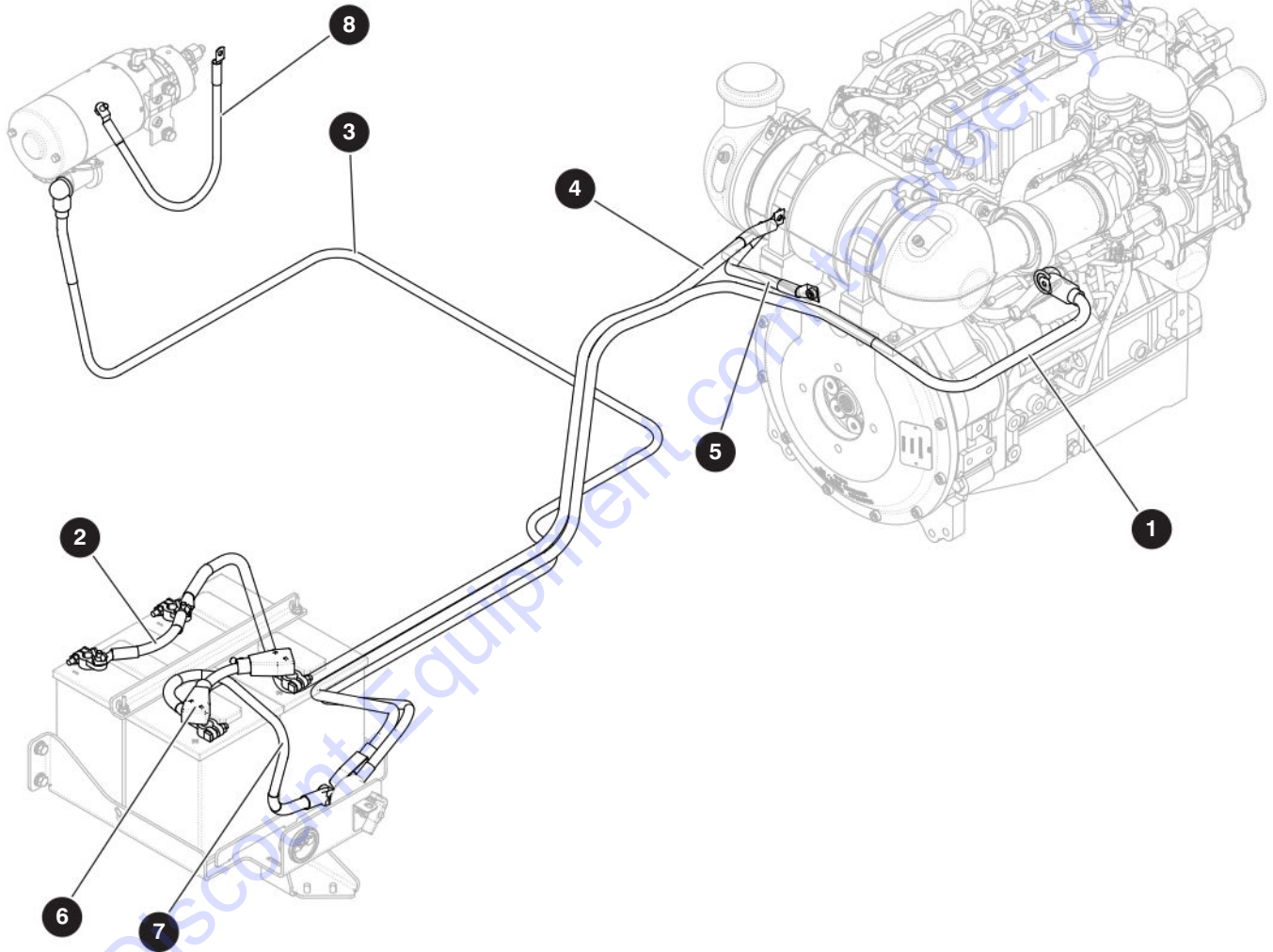


M198002AD

210340AE
110

Index No.	Skyjack Part No.	Qty.	Description
-	198002	1	BATTERY ASSEMBLY
1	198003	1	• TRAY, Battery
2	195744	1	• NEOPRENE SHEET (0.25" x 12" x 14")
3	103295	2	• BATTERY, 12V (wet)
4	150959	1	• BRACKET, Battery retainer
5	128572	1	• J-HOOK
6	119725	1	• SWITCH, Main lockout
7	108714	1	• MOUNT, Lockout switch
8	115649	2	• NUT, Lock (0.25"-20 gr 5 nylon)
9	101632	4	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)
10	103472	4	• WASHER, Flat (0.375")
11	103999	4	• WASHER, Lock (0.375")
12	128619	2	• MARINE, Top post to 0.375" stud - positive
13	128620	2	• MARINE, Top post to 0.3125" stud - negative
14	157166	2	• RIVET, Pop (0.156" x 0.415")
15	103995	2	• WASHER, Flat (0.25")
16	117398	20"	• TRIM, Protective
-	212183	1	BATTERY CHARGE INDICATOR - CE only
16	152323	1	• INDICATOR, Battery charge
17	152344	1	• WIRE, Charge indicator (00)
18	152345	1	• WIRE, Charge indicator (03)

4.14 Battery Cables



M198142AE

210340AE

112

SJ85AJ

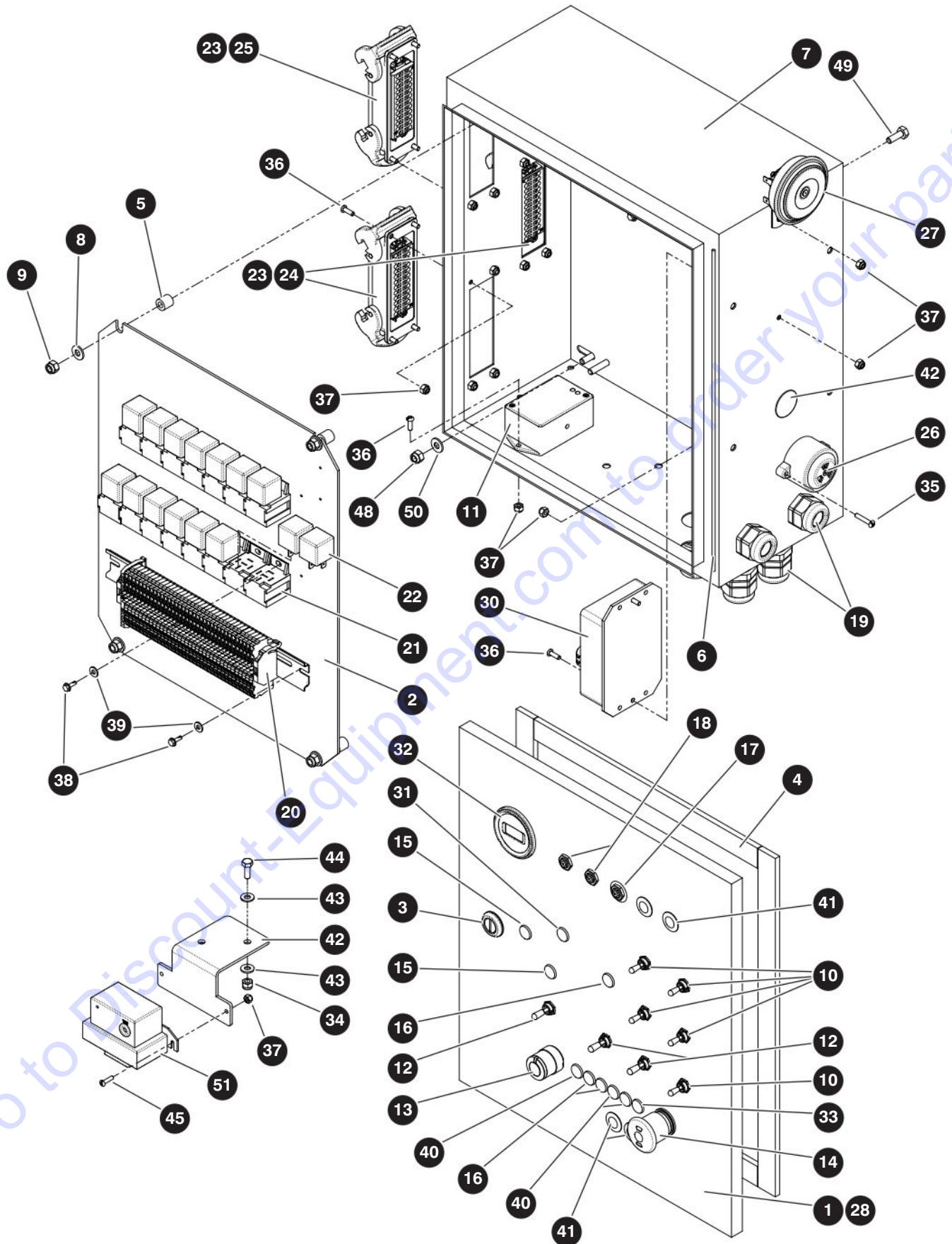
SKYJACK

4.14 Battery Cables

Index No.	Skyjack Part No.	Qty.	Description
A	198142	1	BATTERY CABLES - Deutz TD2.9L, Perkins, Kubota
B	198444	1	BATTERY CABLES - Deutz D2011
1	198138	1	• CABLE, Battery (103") - main power disconnect switch to starter, A
	198443	1	• CABLE, Battery (85") - main power disconnect switch to starter, B
2	168752	1	• CABLE, Battery (6.5") - battery 1 (-) to battery 2 (-)
3	198139	1	• CABLE, Battery (115") - main power disconnect switch to e-pump
4	198140	1	• CABLE, Battery (74") - battery 2 (-) to turret ground
5	138389	1	• CABLE, Battery (23") - flywheel housing ground to turret ground
6	168751	1	• CABLE, Battery (6.5") - battery 1 (+) to battery 2 (+)
7	198141	1	• CABLE, Battery (18") - battery 1 (+) to main power disconnect switch
8	122435	1	• CABLE, Battery (24") - e-pump ground to turret ground

4.15 Base Controls

AD



M198466AB

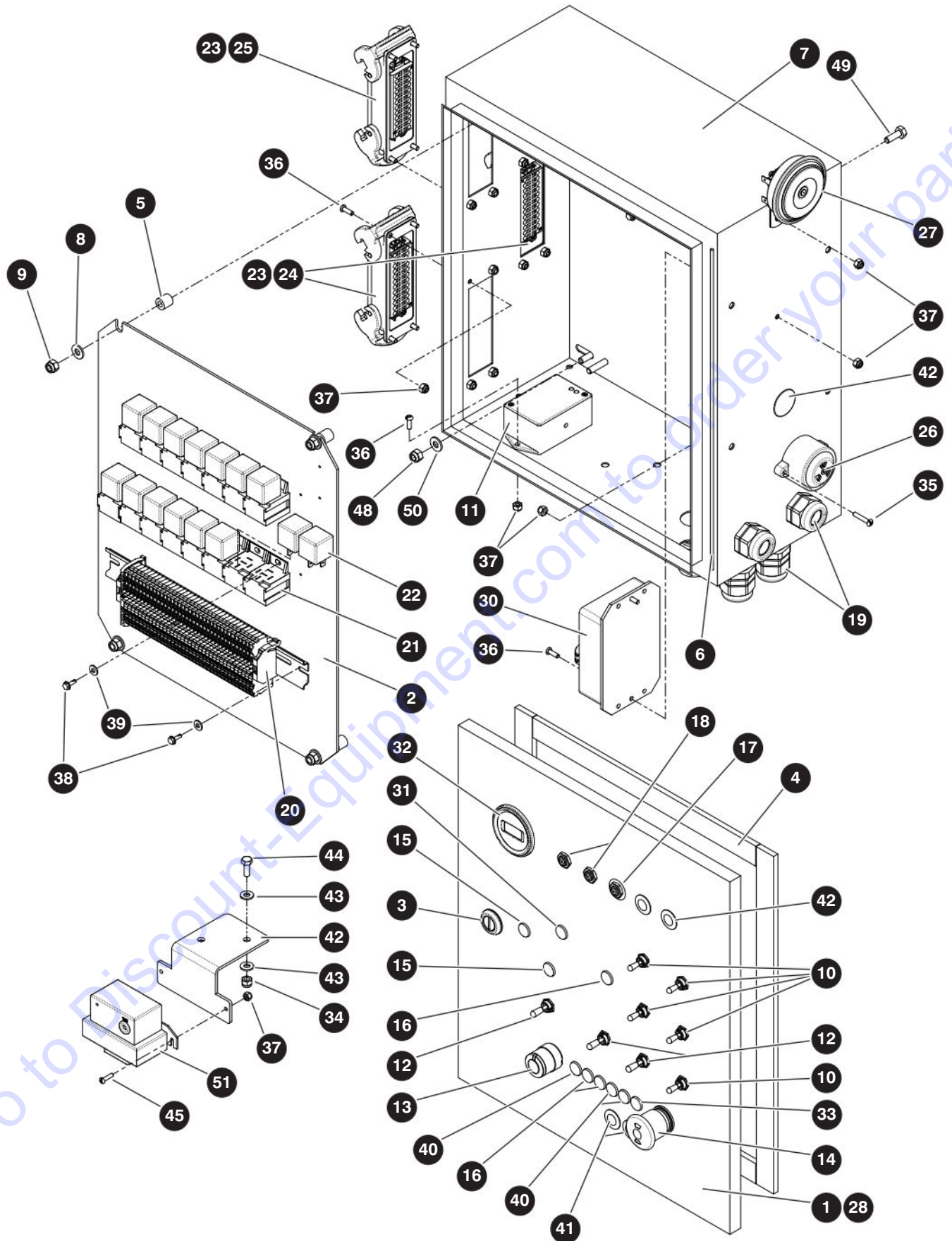
210340AE

114

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
A	198121	1	BASE CONTROL BOX - ANSI/CSA & AS
B	198466	1	BASE CONTROL BOX - ANSI/CSA with Positive Air Shut-off Option
C	198359	1	BASE CONTROL BOX - CE
D	216026	1	BASE CONTROL BOX - KC
-	198351	1	• BASE CONTROL BOX SUBASSEMBLY
1	198353	1	• • DOOR, Control box
2	171504	1	• • PANEL, control box
3	138715	1	• • LATCH, Slotted door
4	138723	1	• • WEATHER STRIP, Cut
5	138724	4	• • STANDOFF, Nylon (0.26" ID x 0.50" lg)
6	138714	1	• • HINGE, Continuous steel
7	198454	1	• • BODY, Base control box
8	103995	4	• • WASHER, Flat 0.25"
9	115649	4	• • NUT, Lock (0.25"-20 gr 5 nylon)
10	102853	5	• SWITCH, Toggle (1NT1-7), A, C, D
	102853	6	• SWITCH, Toggle (1NT1-7), B
11	149426	1	• TRANSDUCER, Angle - dual axis
12	138278	3	• SWITCH, Toggle (2NT1-7)
13	164949	1	• SWITCH, Key, A, B, D
	165828	1	• SWITCH, Key, C
	147056	1	• • LATCH, Mounting
	166141	1	• • BLOCK, NO Contact (black plunger)
	166142	1	• • BLOCK, NC Contact (yellow plunger)
	149605	1	• • SWITCH HEAD, Selector, A, B
	165829	1	• • SWITCH HEAD, Selector, C
14	144652	1	• SWITCH, E-stop
	147056	1	• • LATCH, Mounting
	166141	1	• • BLOCK, NO Contact (black plunger)
	166142	1	• • BLOCK, NC Contact (yellow plunger)
	149605	1	• • SWITCH HEAD, Selector
15	171501	2	• LIGHT, Indicator - 14 V green
16	164832	3	• LIGHT, Indicator - 12 V red, A, C, D
	164832	4	• LIGHT, Indicator - 12 V red, B
17	117326	1	• BREAKER, Circuit - 20 AMP
18	117325	2	• BREAKER, Circuit - 15 AMP
19	116266	7	• RELIEF, Strain (PG21), A, C, D
	116266	8	• RELIEF, Strain (PG21), B
20	(Ref.)	1	• TERMINAL STRIP, Base Controls (For components, refer to 4.16 Base Terminal Strip - ANSI/CSA, AS & KC) (For components, refer to 4.17 Base Terminal Strip - CE)



M198466AB

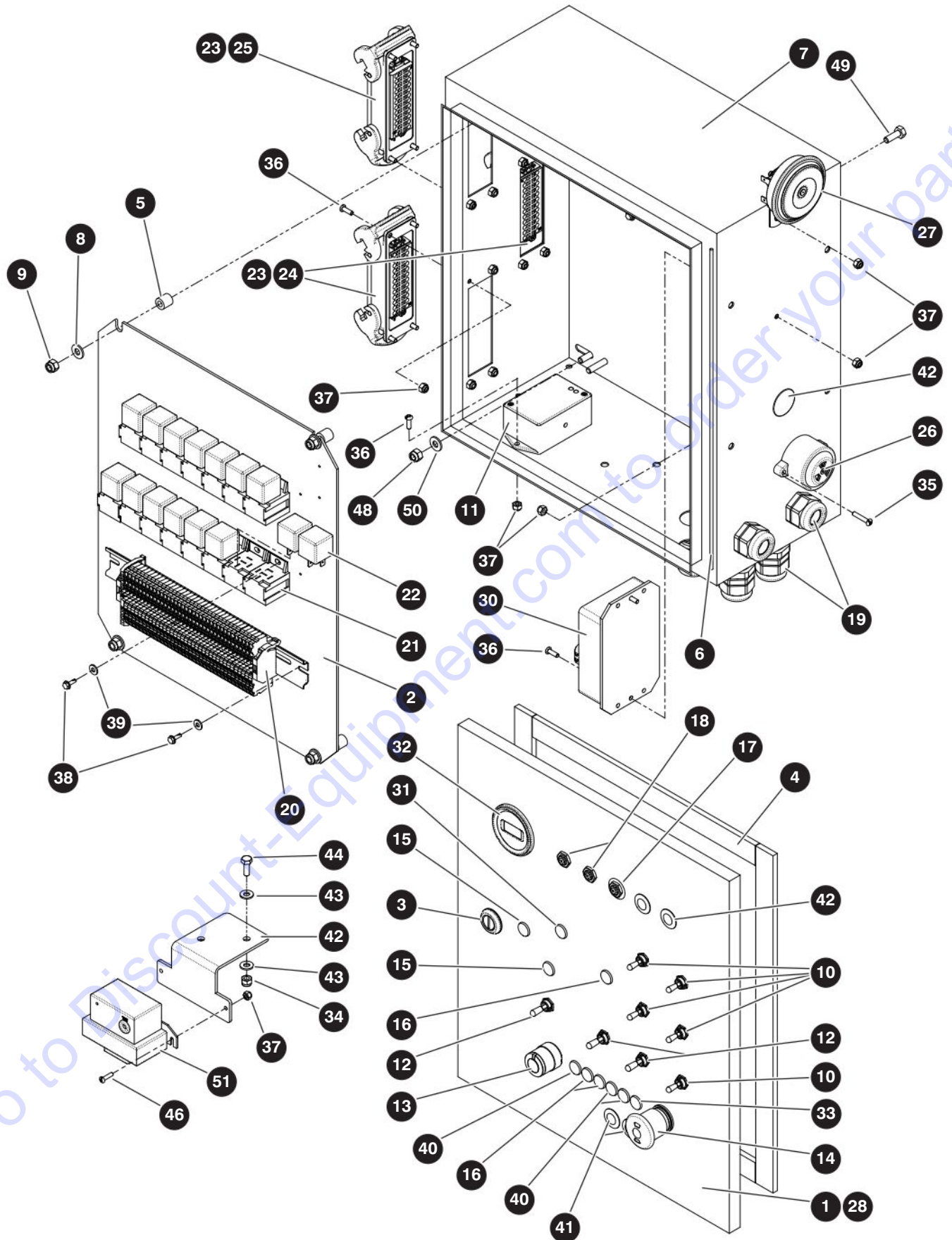
210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
21	138749	19	• SOCKET, Relay
22	127131	19	• RELAY, 12V 40 AMP
23	138751	3	• HOUSING, Open bottom - 24 pole levered
24	138756	2	• SOCKET, 24 Pole spring 16A
25	138755	1	• PLUG, 24 pole spring 16A
26	103056	1	• BEEPER, 7.5 - 16 VDC
27	146652	1	• HORN, Low tone - 12V
28	(Ref.)	1	• LABEL ASSEMBLY, Base controls (For components, refer to 10.2 Labels - Controls Side)
29	198120	1	• WIRING DIAGRAM, Base (not shown), A
	198473	1	• WIRING DIAGRAM, Base (not shown), B
	198355	1	• WIRING DIAGRAM, Base (not shown), C
	216027	1	• WIRING DIAGRAM, Base (not shown), D
	102921	14	• • DIODE, T6A40L
	139088	1	• • RESISTOR, 6 ohm 25 W, A, B, C
	139088	2	• • RESISTOR, 6 ohm 25 W, D
	171987	2	• • RESISTOR, 1 ohm 1/4 W
	110999	1	• • RESISTOR, 5 ohm 25 W
	168783	1	• • RESISTOR, 4 ohm 25 W, B
	114523	1	• • RESISTOR, 7 ohm 25 W
30	167280	1	• MODULE, Dual capacity sensing
31	171502	1	• LIGHT, Indicator - 14 V amber
32	195940	1	• HOUR METER, A, B, D
	170787	1	• HOUR METER/COUNTER, C
33	164831	1	• LIGHT, Indicator - 12 V green
34	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon), A, C, D
	115649	6	• NUT, Lock (0.25"-20 gr 5 nylon), B
35	126499	2	• SCREW, Round head machine (8-32 x 0.875")
36	103957	18	• SCREW, Round head machine (8-32 x 0.50")
37	138765	20	• NUT, Lock (8-32 gr 5 nylon)
38	112327	7	• BOLT, Self-tapping (#8-18 x 0.50"), A, C, D
	112327	10	• BOLT, Self-tapping (#8-18 x 0.50"), B
39	103991	7	• WASHER, Flat (#8), A, C, D
	103991	8	• WASHER, Flat (#8), B
40	133133	3	• LIGHT, Indicator - 12 V amber
41	139127	4	• PLUG, Hole (0.50" dia), A, C, D
	139127	2	• PLUG, Hole (0.50" dia), B
	164832	1	• LIGHT, Indicator - 12 V red, B
42	144387	1	• ALARM, Continuous tone, A, B, D
	131938	1	• PLUG, Hole (1.125" dia), C
43	169666	1	• HOLDER, RL5 - positive air option

4.15 Base Controls

AD



M198466AB

210340AE

118

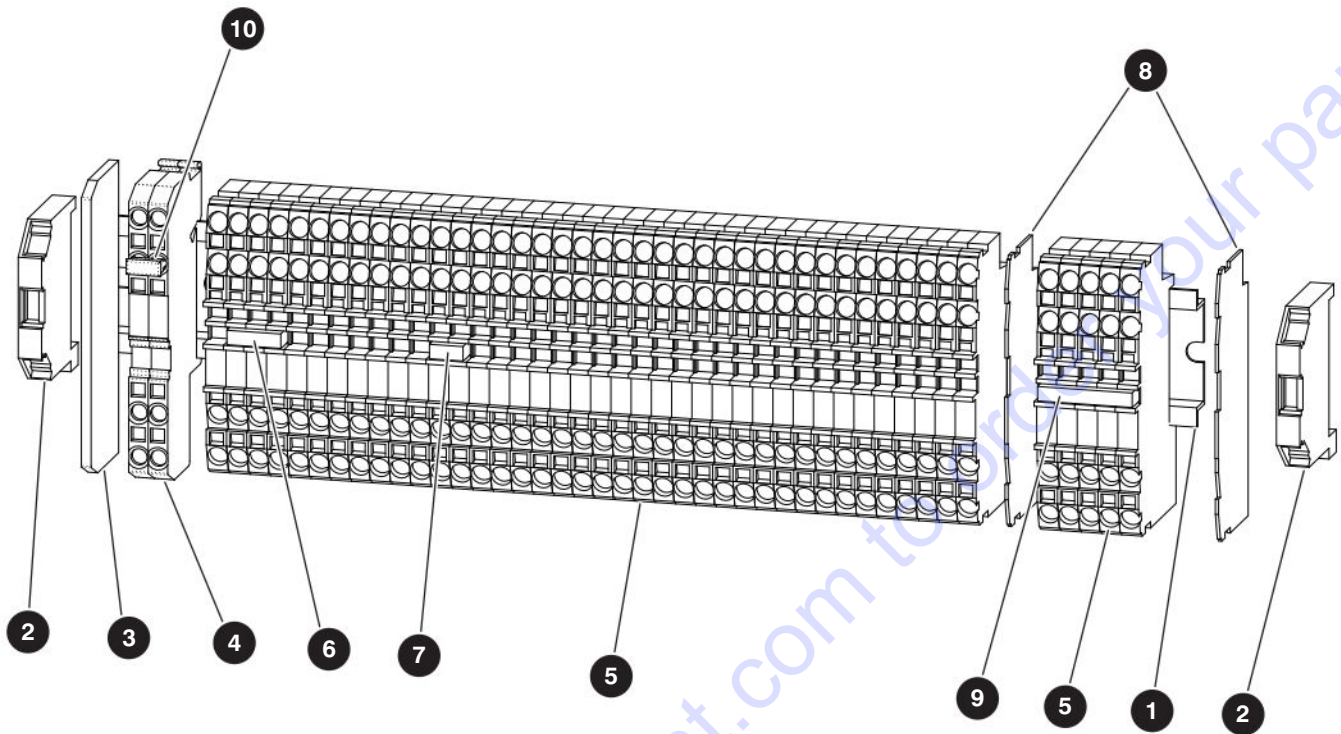
SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
44	103995	4	• WASHER, Flat (0.25")
45	103856	2	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
46	116192	2	• SCREW, Round head machine (8-32 x 0.625")
47	221144	1	• HARNESS, Elevate Trackunit telematics bypass (not shown)
48	115649	4	NUT, Lock (0.25"-20 gr 5 nylon)
49	103856	4	BOLT, Hex head (0.25"-20 x 0.75" gr 5)
50	103995	4	WASHER, Flat (0.25")
51	(Ref.)	1	LIMITER, Positive air shut-off (For components, refer to 9.21 Positive Air Shut-off Option)

4.16 Base Terminal Strip - ANSI/CSA, AS & KC

AB



M198126AB

Index No.	Skyjack Part No.	Qty.	Description
-	198126	1	TERMINAL STRIP, Base - ANSI/CSA, AS & KC
1	102874	11"	• RAIL, DIN (280 mm)
2	707147	2	• STOP, End
3	707146	1	• PLATE, End/intermediate
4	707145	2	• TERMINAL BLOCK (4 cond through with diode)
5	137940	45	• TERMINAL BLOCK (4 cond through)
6	137943	1	• JUMPER, 3-pin
7	137942	1	• JUMPER, 2-pin
8	137941	2	• PLATE, End
9	170928	1	• JUMPER, 5-pin
10	212825	1	• JUMPER, 2-pin (comb)

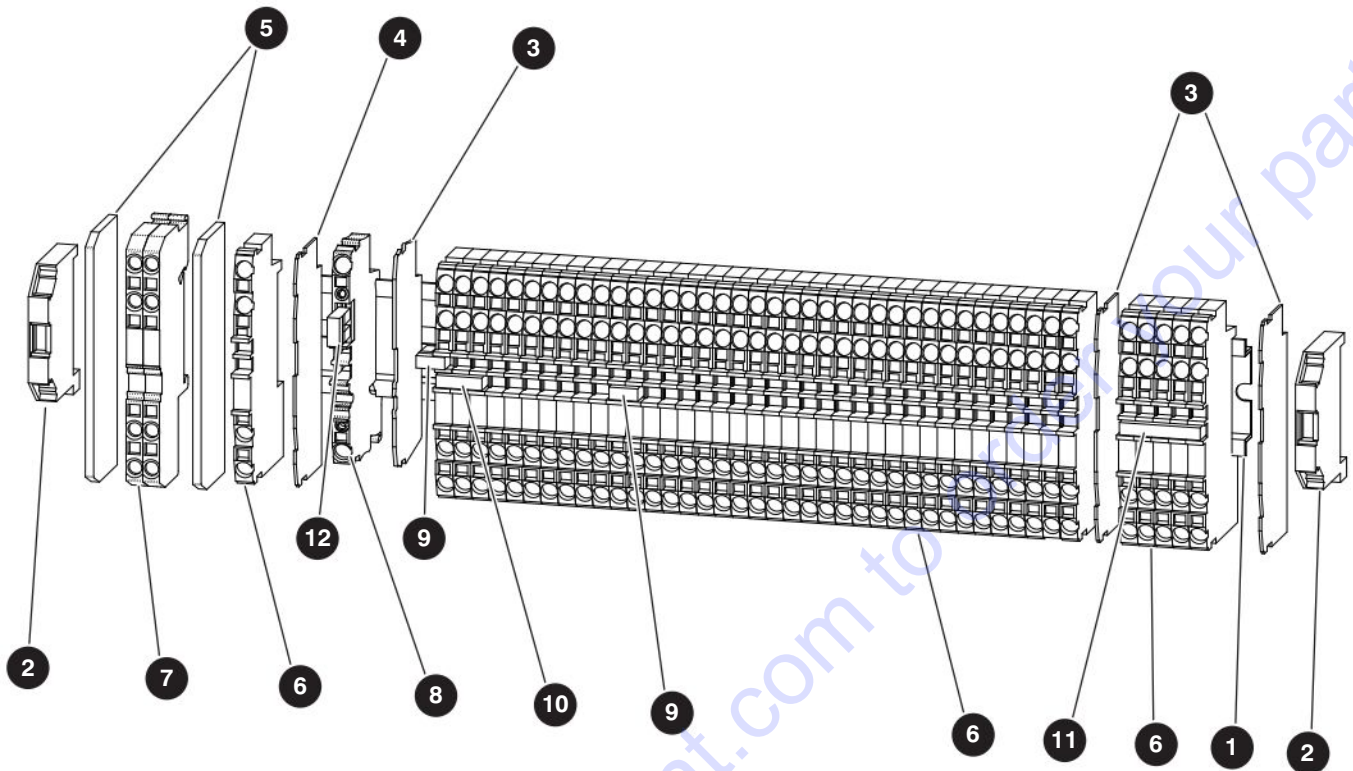
210340AE

120

SJ85AJ

SKYJACK

4.17 Base Terminal Strip - CE



M198358AB

Index No.	Skyjack Part No.	Qty.	Description
-	198358	1	TERMINAL STRIP, Base - CE
1	102874	11"	• RAIL, DIN (280 mm)
2	707147	2	• STOP, End
3	137941	3	• PLATE, End/intermediate
4	170606	1	• PLATE, End/intermediate
5	707146	2	• PLATE, End/intermediate
6	137940	43	• TERMINAL BLOCK (4 cond through)
7	707145	2	• TERMINAL BLOCK (4 cond with diode)
8	170607	1	• TERMINAL BLOCK (2 cond with fuse)
9	137942	2	• JUMPER, 2-pin
10	137943	1	• JUMPER, 3-pin
11	170928	1	• JUMPER, 5-pin
12	170626	1	FUSE, ATM - 10A

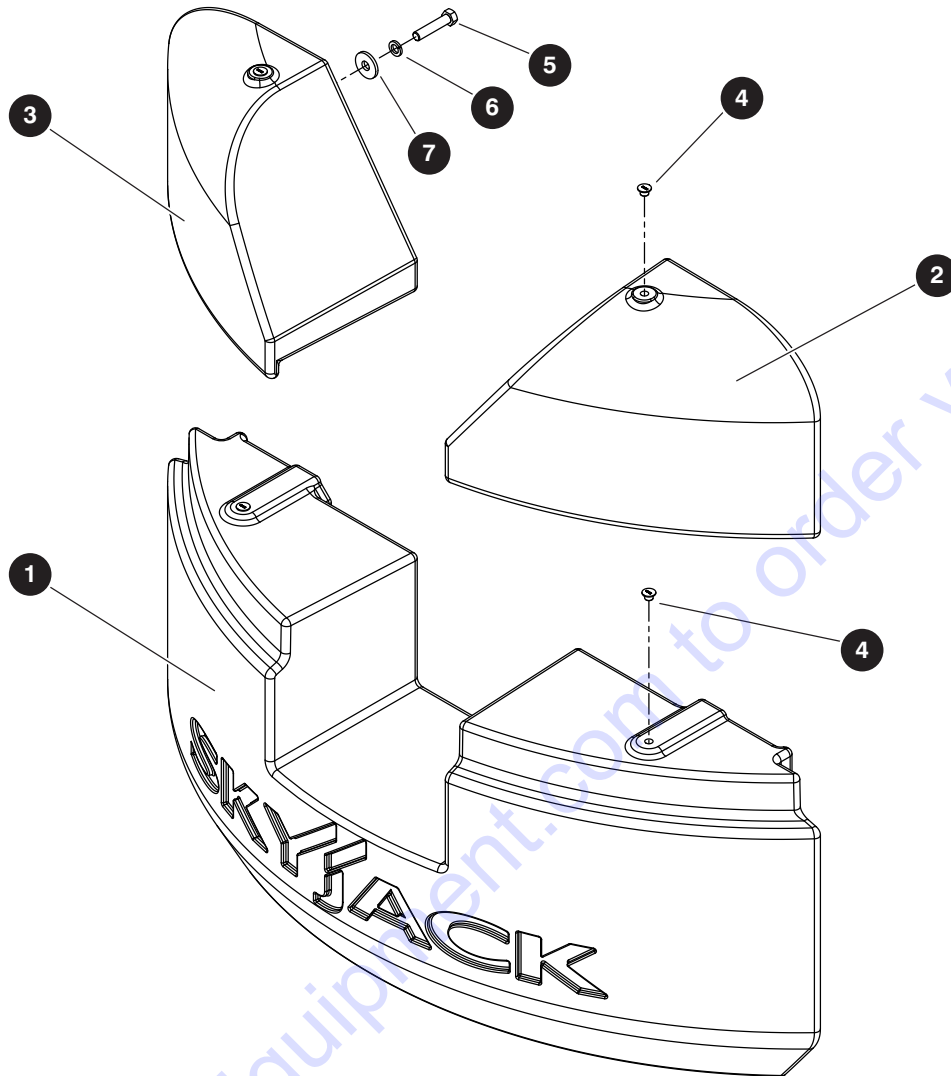
SJ85AJ

SKYJACK

210340AE

121

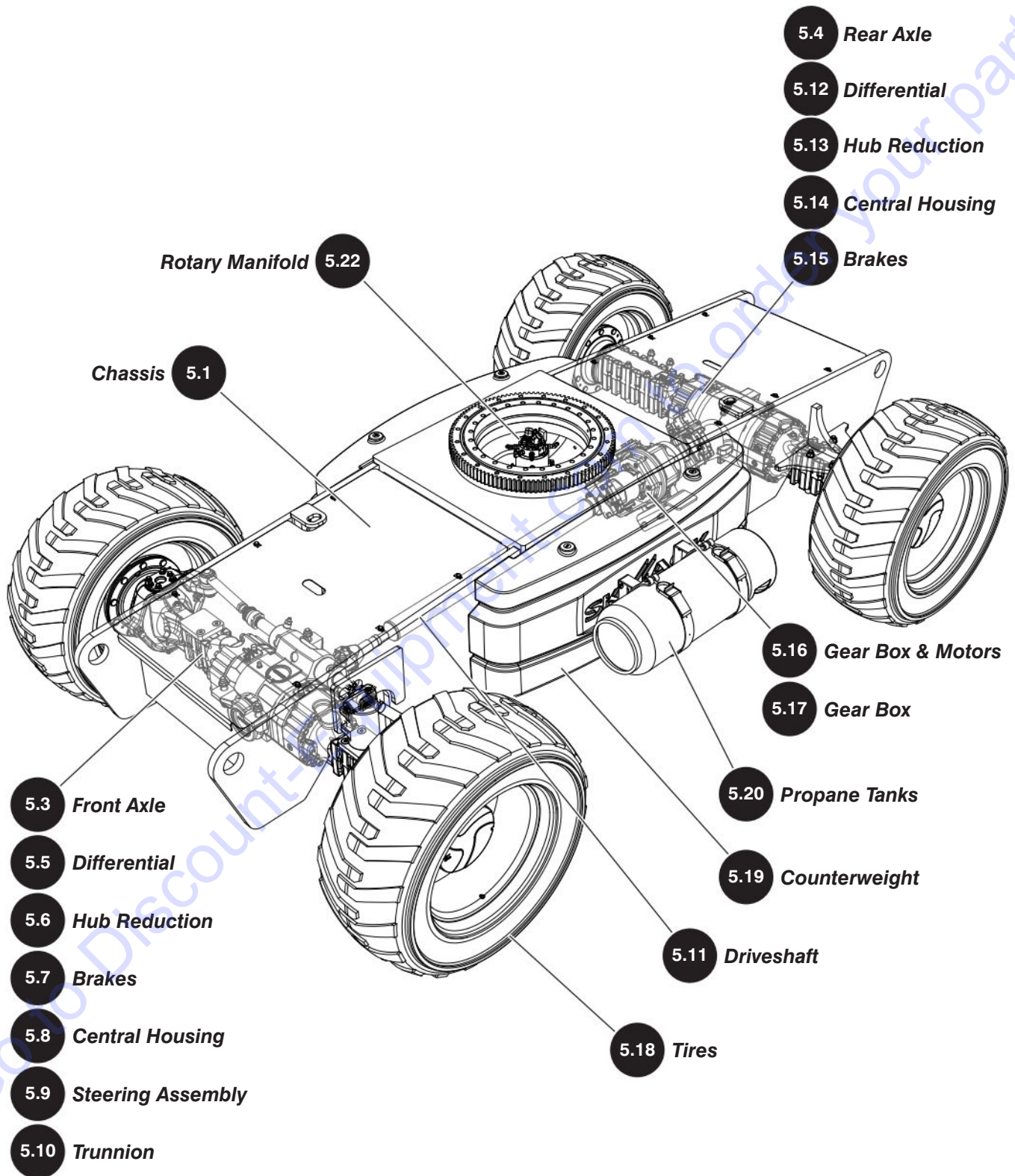
4.18 Counterweight - Turret



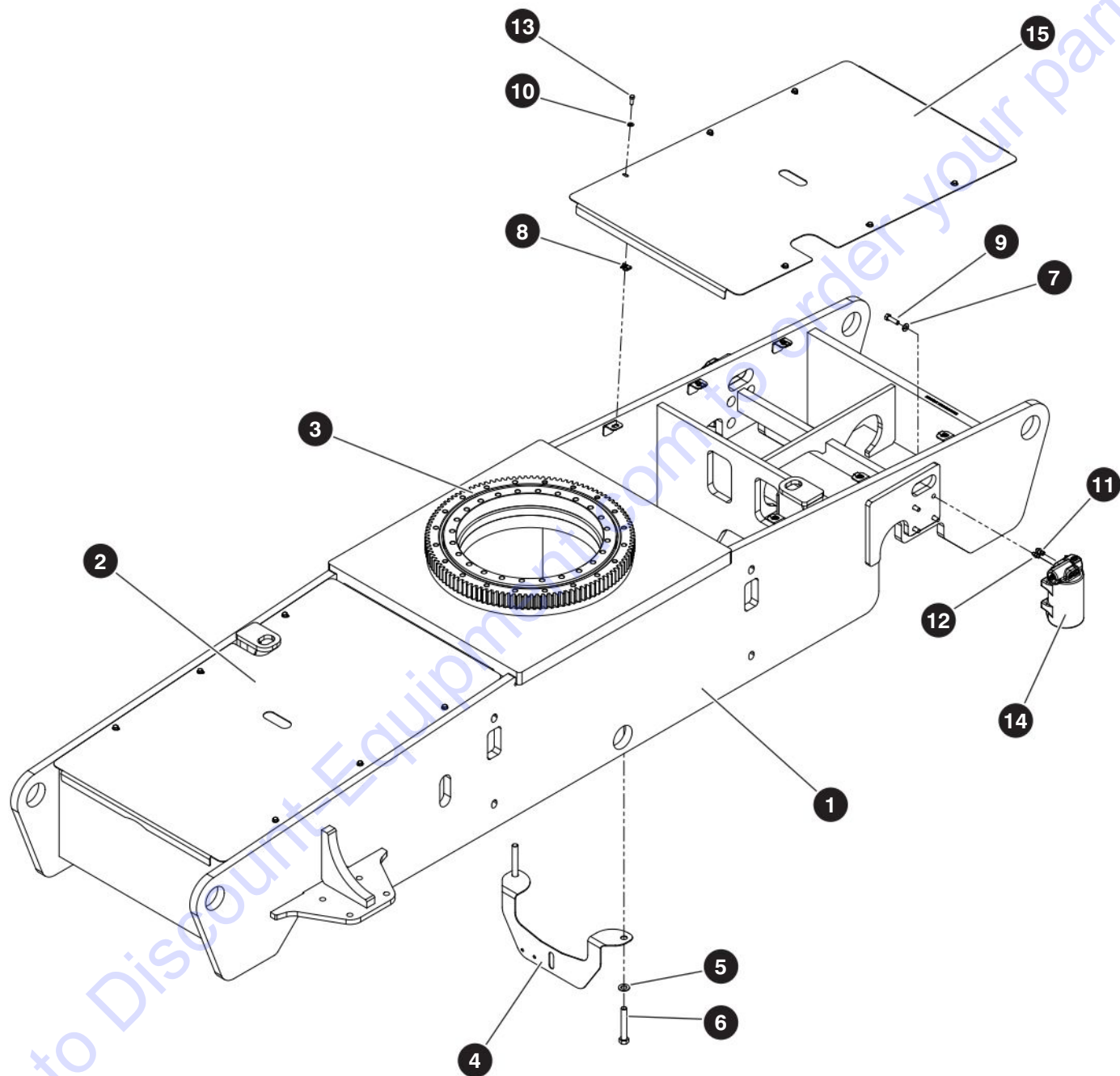
M123456AA

Index No.	Skyjack Part No.	Qty.	Description
-	197790	1	TURRET COUNTERWEIGHT
1	197791	1	• COUNTERWEIGHT, Bottom
2	197792	1	• COUNTERWEIGHT, Top left
3	197793	1	• COUNTERWEIGHT, Top right
4	144105	4	• PLUG, Threaded hole (0.75")
5	212320	10	• BOLT, Hex head (0.75"-10 x 3.00" gr 8)
6	104002	10	• WASHER, Lock (0.75")
7	702194	10	• WASHER, Flat (0.75" hard)

Section 5 – Base



5.1 Chassis



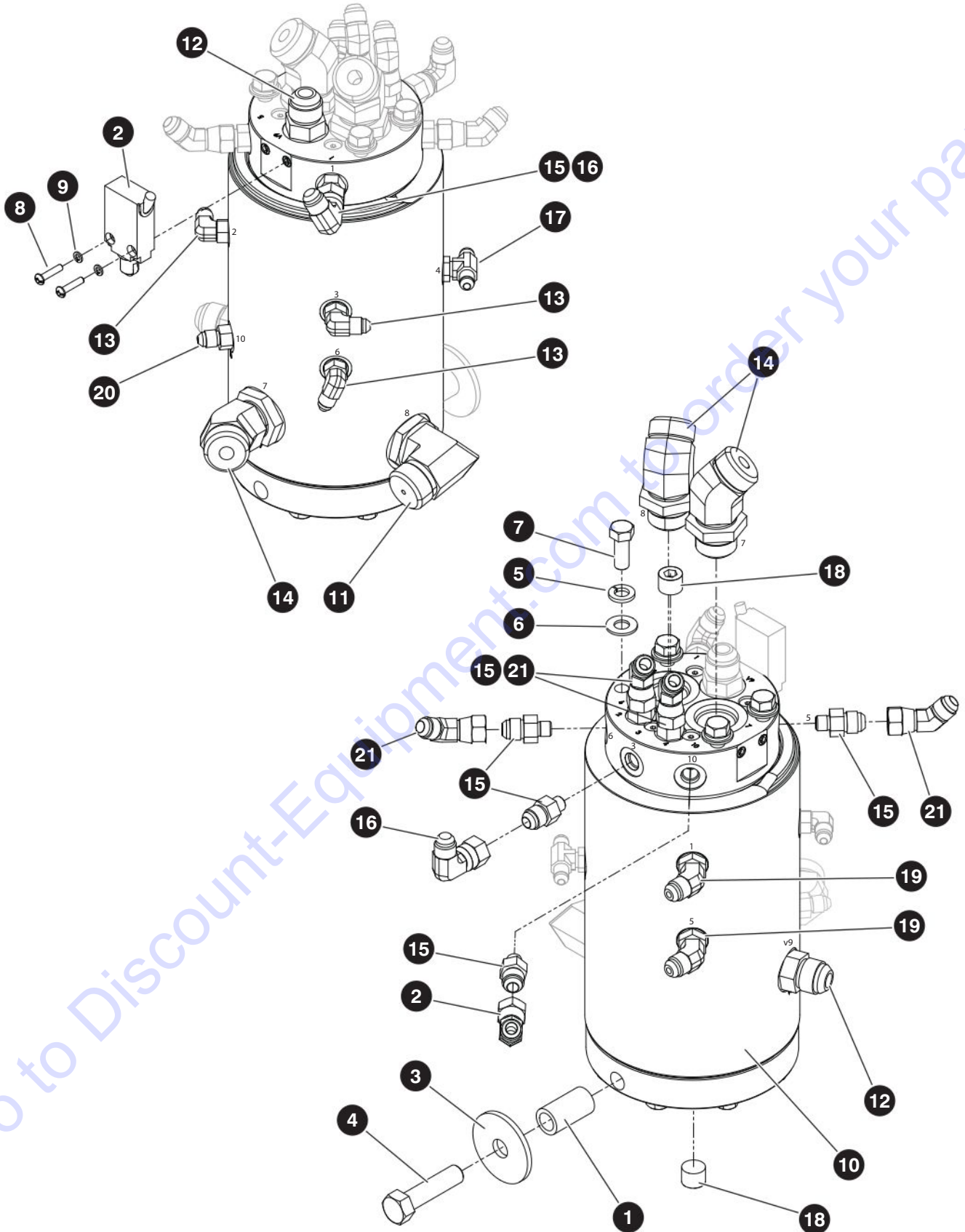
M198054AC

210340AE
124

SJ85AJ
SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198054	1	CHASSIS ASSEMBLY
1	198055	1	• CHASSIS
2	198079	1	• COVER, Chassis - rear
3	216504	1	• GEAR, Ring
4	167826	1	• RETAINER, Rotary manifold
5	702194	20	• WASHER, Flat (0.750" hard)
6	146773	20	• BOLT, Hex head (0.75"-10 x 5.00" gr 8)
7	104379	8	• WASHER, Flat (0.50" hard)
8	159294	12	• NUT, Speed clip (0.375"-16)
9	126361	8	• BOLT, Hex head (0.50"-13 x 1.75" gr 8)
10	125959	12	• WASHER, Flat (0.375" hard)
11	103069	2	• FITTING, Straight (06JICM-06ORBM)
12	126128	2	• FITTING, Straight (04JICM-04ORBM)
13	103473	12	• BOLT, Hex head (0.375"-16 x 1.00" gr 5)
14	(Ref.)	2	• CYLINDER, Axle lock (For components, refer to 3.7 Axle Lock Cylinder)
15	212325	1	• COVER, Chassis - front

5.2 Rotary Manifold



M198183AC

210340AE

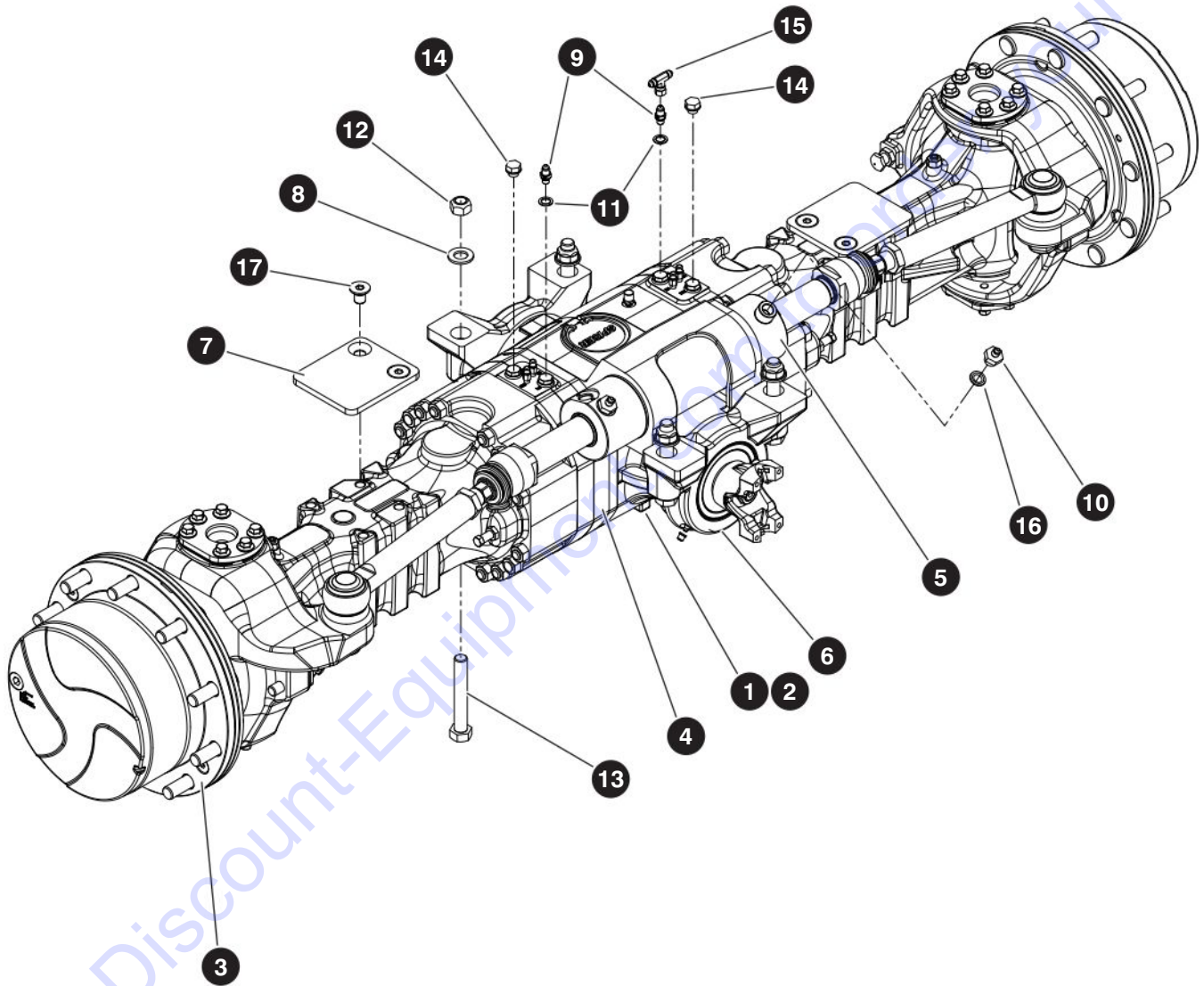
126

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198183	1	ROTARY MANIFOLD
1	138956	1	• SPACER, Rotary manifold
2	199546	1	• SWITCH, Limit - roller plunger (7 m)
3	212939	1	• WASHER, Flat (0.50" hard)
4	103904	1	• BOLT, Hex head (0.50"-13 x 2.00" gr 5)
5	103999	4	• WASHER, Lock (0.375")
6	103472	4	• WASHER, Flat (0.375")
7	103473	4	• BOLT, Hex head (0.375"-16 x 1.00" gr 5)
8	103958	2	• SCREW, Round head machine (8-32 x 0.75")
9	112249	2	• WASHER, Lock (#8)
-	198437	1	• ROTARY MANIFOLD ASSEMBLY
10	149380	1	• • MANIFOLD, Rotary (10 ports)
	154659	1	• • • SEAL KIT, Rotary manifold
11	168654	1	• • FITTING, Elbow 90° (12FSM-12 ORBM)
12	147535	2	• • FITTING, Straight (10JICM-08ORBM)
13	125883	3	• • FITTING, Elbow 90° (06MJ-04MB)
14	149175	3	• • FITTING, Elbow 45° (12ORFSM-12ORBM)
15	128869	7	• • FITTING, Straight (06JIC-04ORBM)
16	702761	2	• • FITTING, Elbow 90° (06JICM-06JICFSW)
17	132463	1	• • FITTING, Tee (04MJ-04MB0-4MJ)
18	139171	2	• • FITTING, Plug - hex (06NPTM)
19	701478	2	• • FITTING, Elbow 45° (06JICM-04ORBM)
20	126128	1	• • FITTING, Straight (04JIC-04ORBM)
21	161083	5	• • FITTING, Elbow 45° (06JICM-06JICFS)

5.3 Front Axle



M162152AC

210340AE

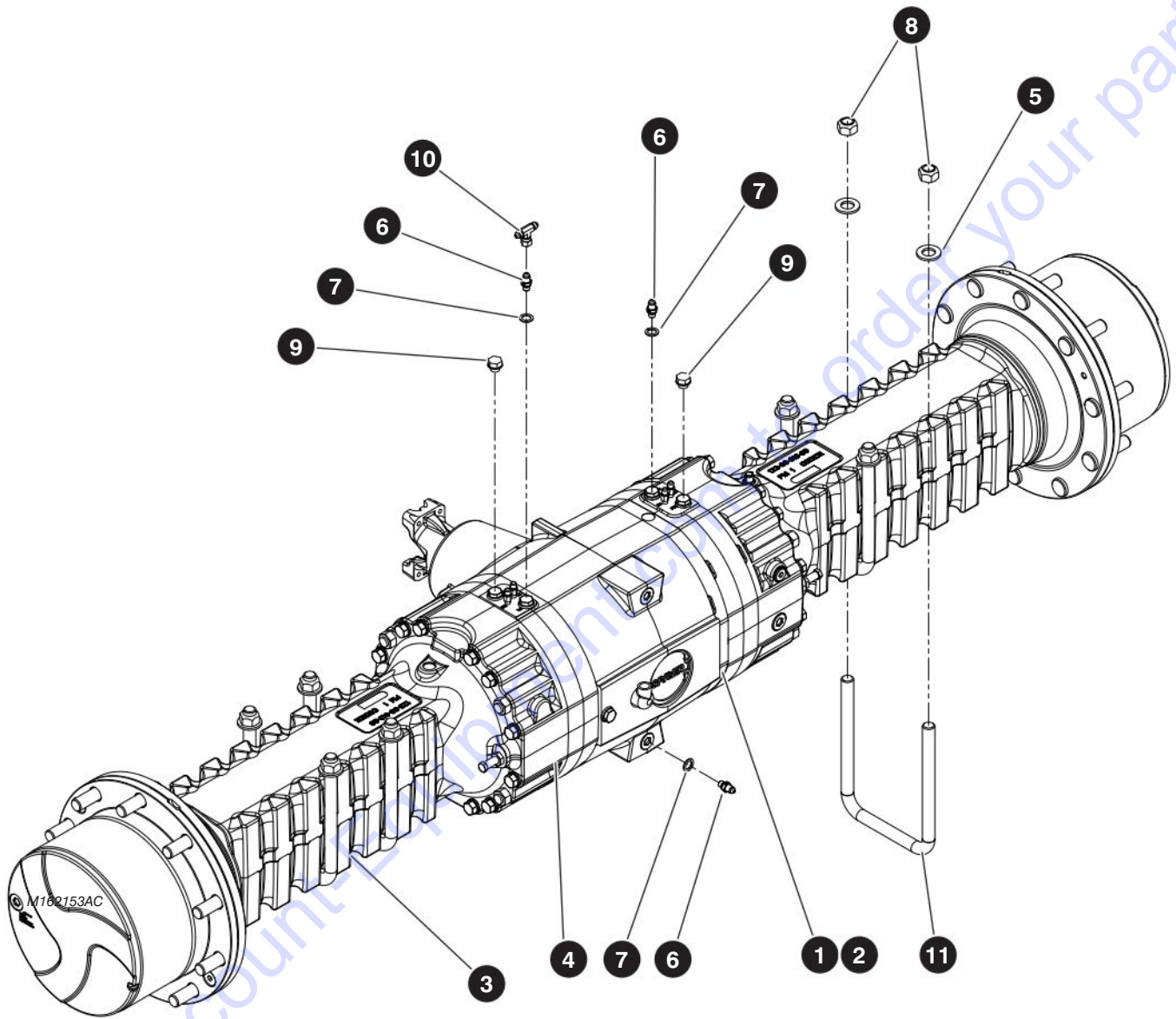
128

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	165152	1	FRONT AXLE
-	165104	1	• AXLE, Front
1	(Ref.)	1	• • CENTRAL HOUSING - Front Axle (For components, refer to 5.8 Central Housing - Front Axle)
2	(Ref.)	1	• • DIFFERENTIAL - Front Axle (For components, refer to 5.5 Differential - Front Axle)
3	(Ref.)	1	• • HUB REDUCTION - Front Axle (For components, refer to 5.6 Hub Reduction - Front Axle)
4	(Ref.)	1	• • BRAKES - Front Axle (For components, refer to 5.7 Brakes - Front Axle)
5	(Ref.)	1	• • STEERING ASSEMBLY - Front Axle (For components, refer to 5.9 Steering Assembly - Front Axle)
6	(Ref.)	1	• • TRUNNION - Front Axle (For components, refer to 5.10 Trunnion - Front Axle)
7	171940	2	• WEAR PAD, Steering axle
8	702194	4	• WASHER, Flat hardened (0.75")
9	149181	2	• FITTING, Straight (04 JICM - M14 x 1.5)
10	168769	2	• FITTING, Straight (06 JICM - M18M)
11	139126	2	• SEAL, British bonded (04 SPPM)
12	700575	4	• NUT, Torque lock (3/4"-10, Grade C
13	146773	4	• BOLT, Hex head (0.75"-10 x 5.00" gr 8)
14	171198	2	• FILTER, Breather
15	160792	1	• FITTING, Branch tee (04 JICFSW - 04 JICM)
16	152305	2	• SEAL, Bonded (M18 DIN 3852-1)
17	171941	4	• SCREW, Flat head cap (M16-2 x 40 gr 10.9)

5.4 Rear Axle



M162153AC

210340AE

130

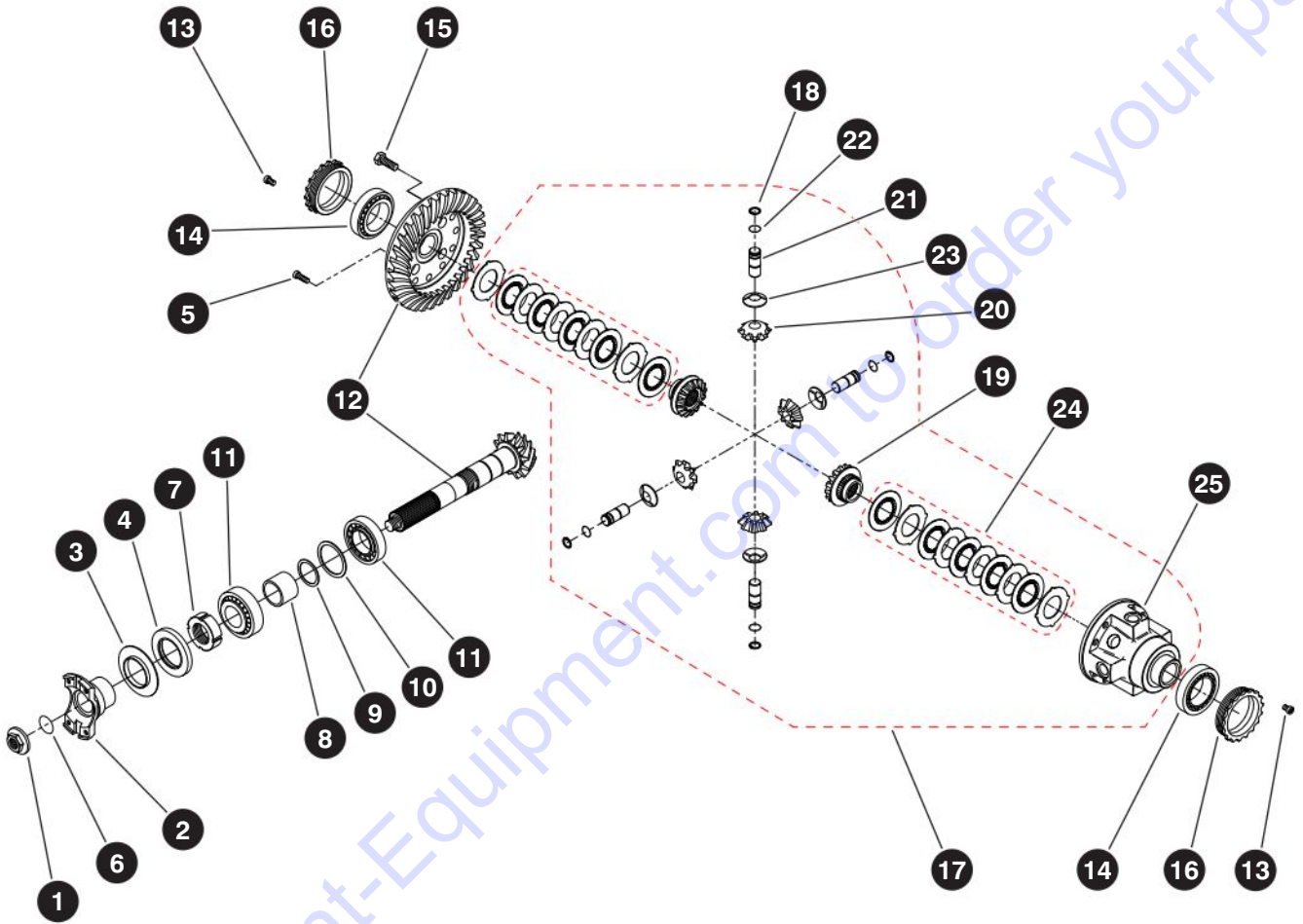
SJ85AJ

SKYJACK

5.4 Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
B	165153	1	REAR AXLE
-	165105	1	• AXLE, Rear
1	(Ref.)	1	• • CENTRAL HOUSING - Rear Axle (For components, refer to 5.14 Central Housing - Rear Axle)
2	(Ref.)	1	• • DIFFERENTIAL - Rear Axle (For components, refer to 5.12 Differential - Rear Axle)
3	(Ref.)	1	• • HUB REDUCTION - Rear Axle (For components, refer to 5.13 Hub Reduction - Rear Axle)
4	(Ref.)	1	• • BRAKES - Rear Axle (For components, refer to 5.15 Brakes - Rear Axle)
5	702194	8	• WASHER, Flat hardened (0.75")
6	149181	3	• FITTING, Straight (04 JICM - M14 x 1.5)
7	139126	3	• SEAL, British bonded (04 SPPM)
8	700575	8	• NUT, Torque lock (3/4"-10, Grade C)
9	171198	2	• FILTER, Breather
10	160792	1	• FITTING, Branch tee (04 JICFSW - 04 JICM)
11	167732	4	• U-BOLT, Axle mount

5.5 Differential - Front Axle



M170788AA

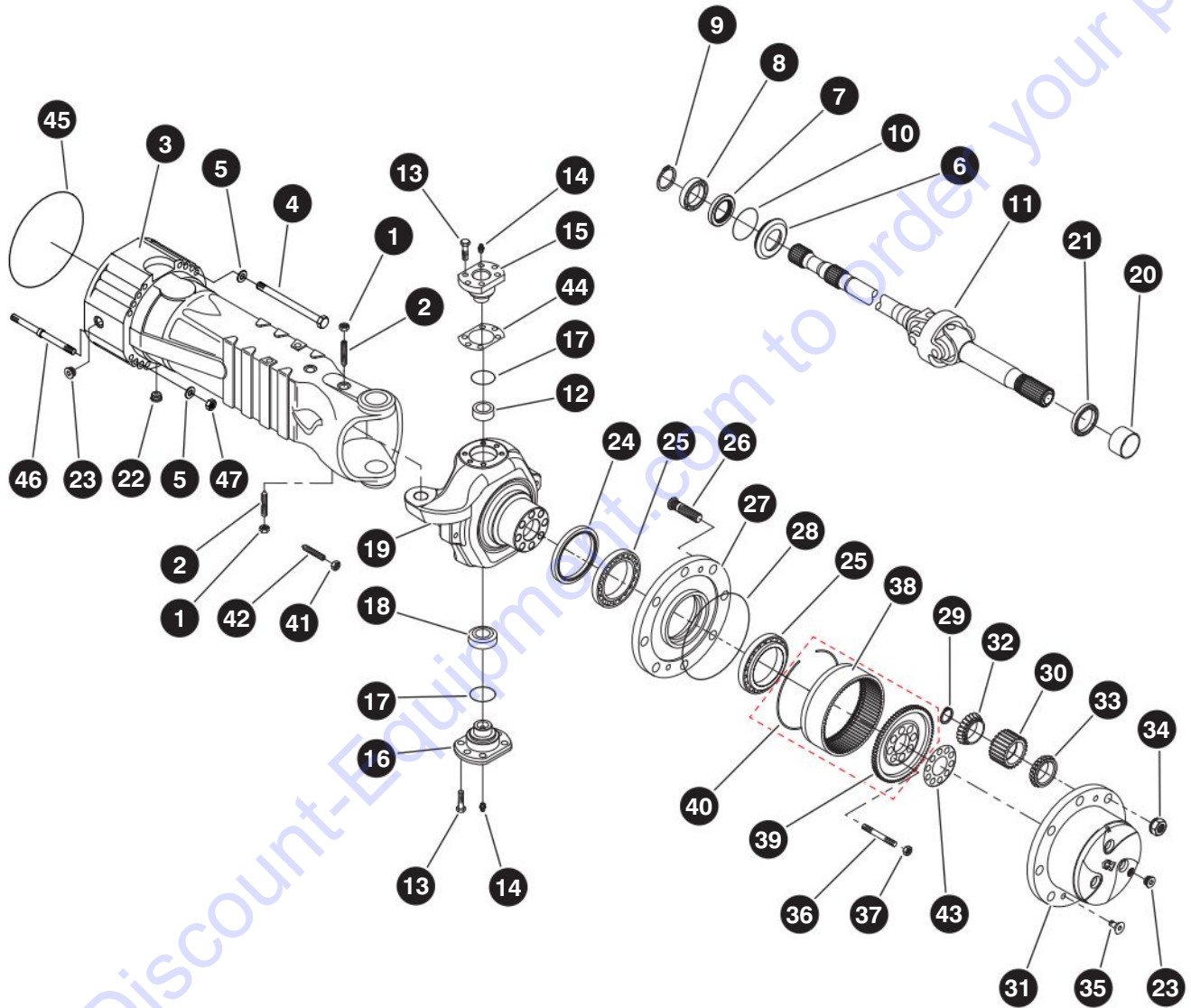
210340AE

SJ85AJ

5.5 Differential - Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170788	1	DIFFERENTIAL - Front Axle
1	407261	1	• NUT
-	140975	1	• FLANGE KIT
2	170791	1	• • FLANGE
3	920027	1	• • PLATE, Cover
4	170792	1	• SEAL
5	170793	4	• BOLT
6	140979	1	• O-RING
7	923838	1	• NUT, Ring
8	927327	1	• SPACER
9	170789	1	• KIT, Shim
10	170790	1	• KIT, Shim
11	140984	2	• BEARING, Taper roller
12	170794	1	• GEAR SET, Bevel
13	168259	2	• BOLT
14	140987	2	• BEARING, Taper roller
15	923879	12	• BOLT
16	927316	2	• RING NUT
17	140996	1	• DIFFERENTIAL, Limited slip
18	140978	4	• • CIRCLIP
19	140988	2	• • GEAR, Differential side
20	140989	4	• • PINION, Differential
21	140990	4	• • PIN
22	140991	4	• • CIRCLIP
23	140992	4	• • WASHER, Friction
24	170795	2	• • DISC
25	140995	1	• • CARRIER, Differential

5.6 Hub Reduction - Front Axle



M170796AA

210340AE

134

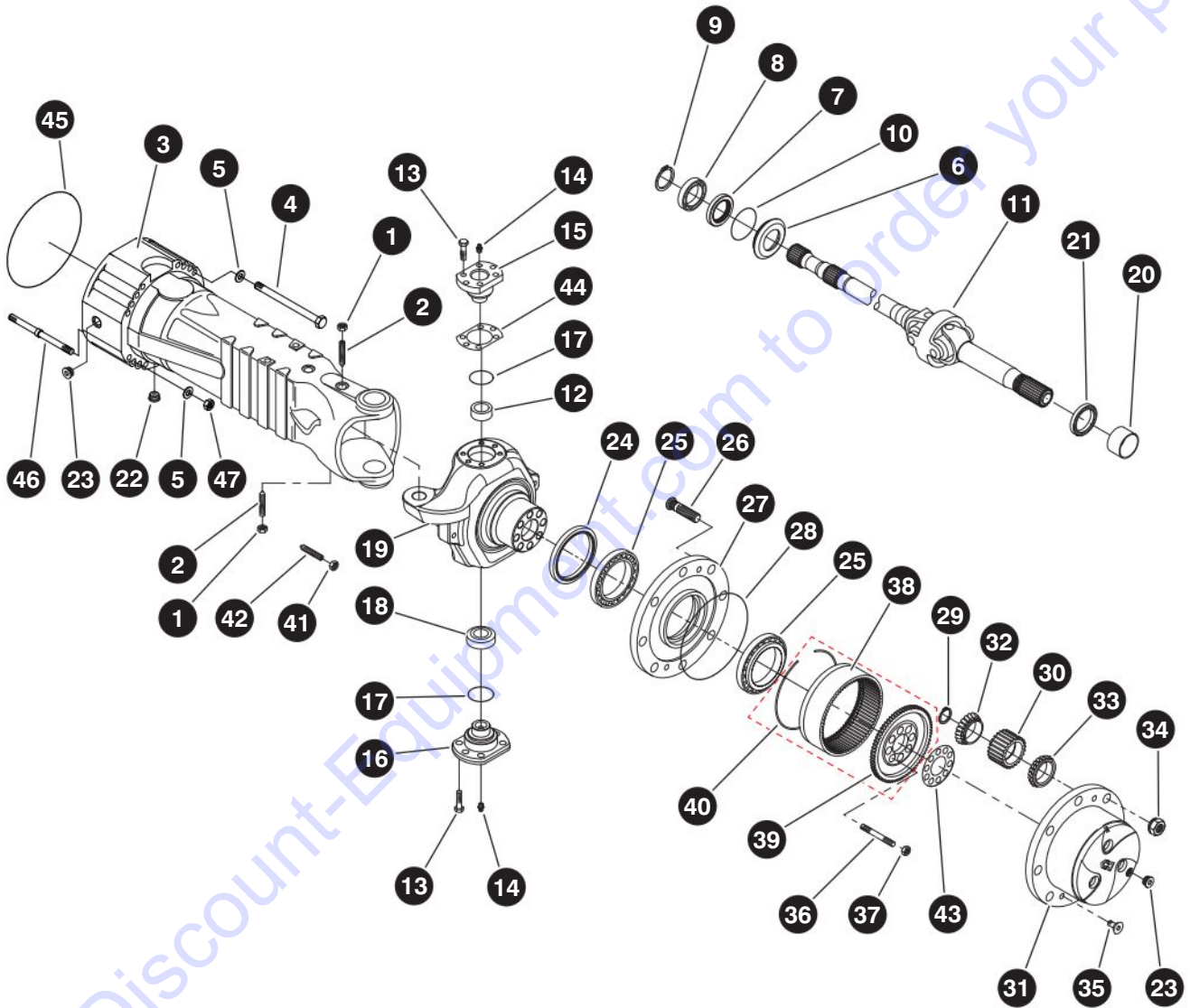
SJ85AJ

SKYJACK

5.6 Hub Reduction - Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170796	1	HUB REDUCTION - Front Axle
1	403084	2	• NUT
2	170797	2	• BOLT
3	170798	2	• CASE, Axle
4	170799	24	• BOLT
5	927332	8	• WASHER
6	151761	2	• BUSHING, Reduction
7	151762	2	• SEAL
8	141073	2	• BEARING, Ball
9	403064	2	• CIRCLIP
10	141171	2	• O-RING
11	170800	2	• JOINT, Double universal
12	170801	2	• BUSHING
13	923879	24	• BOLT
14	168273	2	• FITTING, Grease
15	170802	2	• PIN, Pivot
16	170803	2	• PIN, Pivot
17	923022	2	• EXCLUDER, Dust
18	923912	2	• BEARING
-	170804	1	• CASE ASSEMBLY, Steering - left, A
	170806	1	• CASE ASSEMBLY, Steering - right, B
19	170805	1	• • CASE, Steering - left, A
	170807	1	• • CASE, Steering - right, B
20	923830	1	• • BEARING, Thrust
21	923829	2	• SEAL
22	927314	2	• PLUG, Magnetic
23	140969	4	• PLUG
24	154631	2	• SEAL
25	925239	2	• BEARING, Taper roller
26	170808	20	• STUD, Wheel
27	923915	2	• HUB, Wheel
28	403046	2	• O-RING
-	170809	2	• PLANETARY GEAR CARRIER ASSEMBLY
29	170810	6	• • CIRCLIP
30	170828	6	• • PINION, Differential
31	170829	2	• • CARRIER, Planetary gear
32	170830	6	• • BEARING
33	170831	6	• • BEARING
34	170832	20	• NUT
			Parts list continued on the next page.

5.6 Hub Reduction - Front Axle



M170796AA

210340AE

136

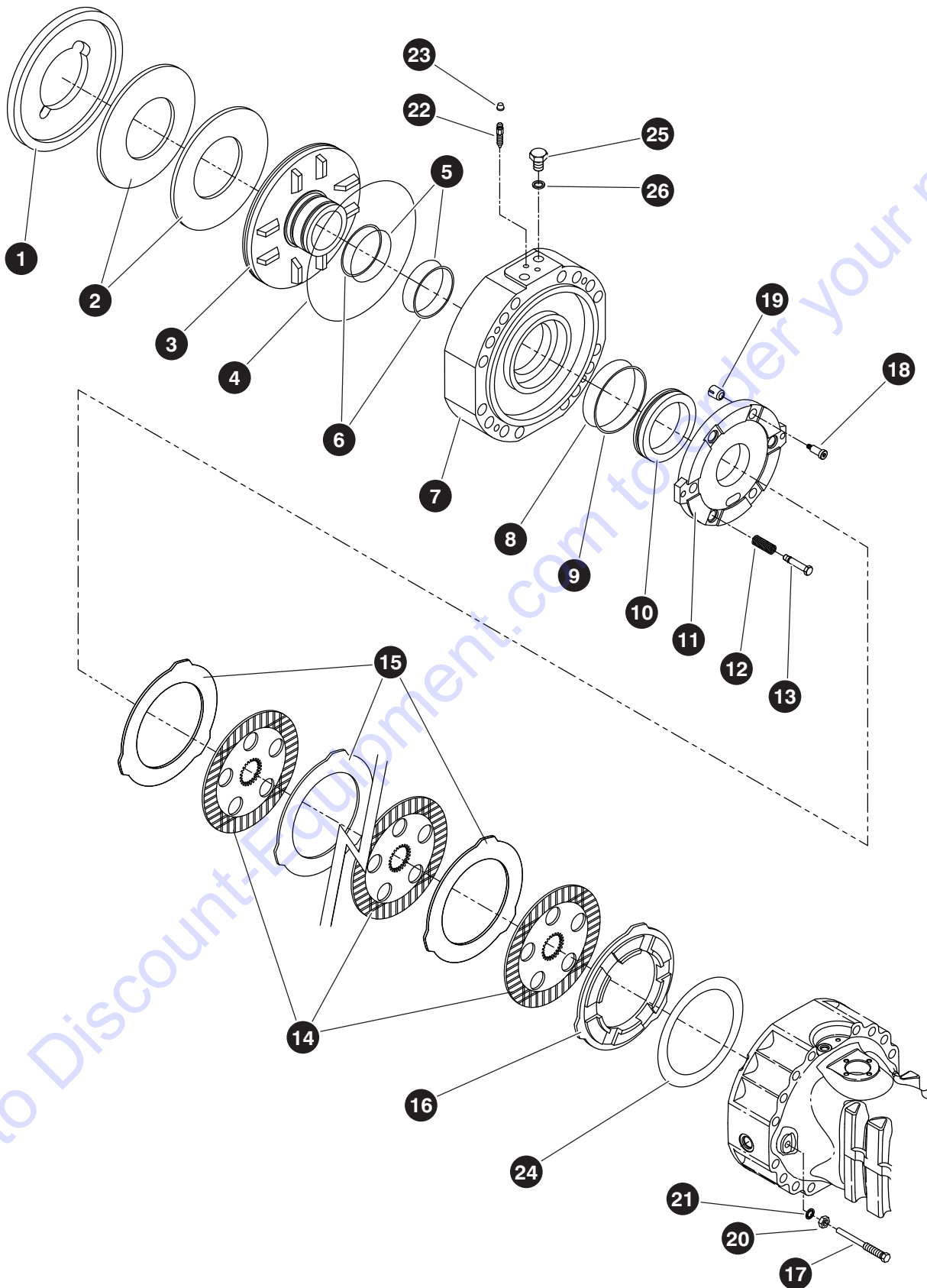
SJ85AJ

SKYJACK

5.6 Hub Reduction - Front Axle

Index No.	Skyjack Part No.	Qty.	Description
			<i>Parts list continued from the previous page.</i>
35	141033	4	• BOLT, Countersunk
36	168278	16	• STUD
37	923918	16	• NUT
-	170833	2	• KIT, Ring gear support
38	168280	2	• • SUPPORT, Ring gear
39	168281	2	• • GEAR, Ring
40	920728	2	• • CIRCLIP
-	141017	4	• BOLT, Steering adjust
41	141015	1	• • NUT
42	141016	1	• • BOLT
43	923919	2	• PLATE, Locking
44	170834	1	• SHIM KIT
45	140970	2	• O-RING
46	170835	8	• STUD
47	170836	5	• NUT

5.7 Brakes - Front Axle



M170839AA

210340AE

138

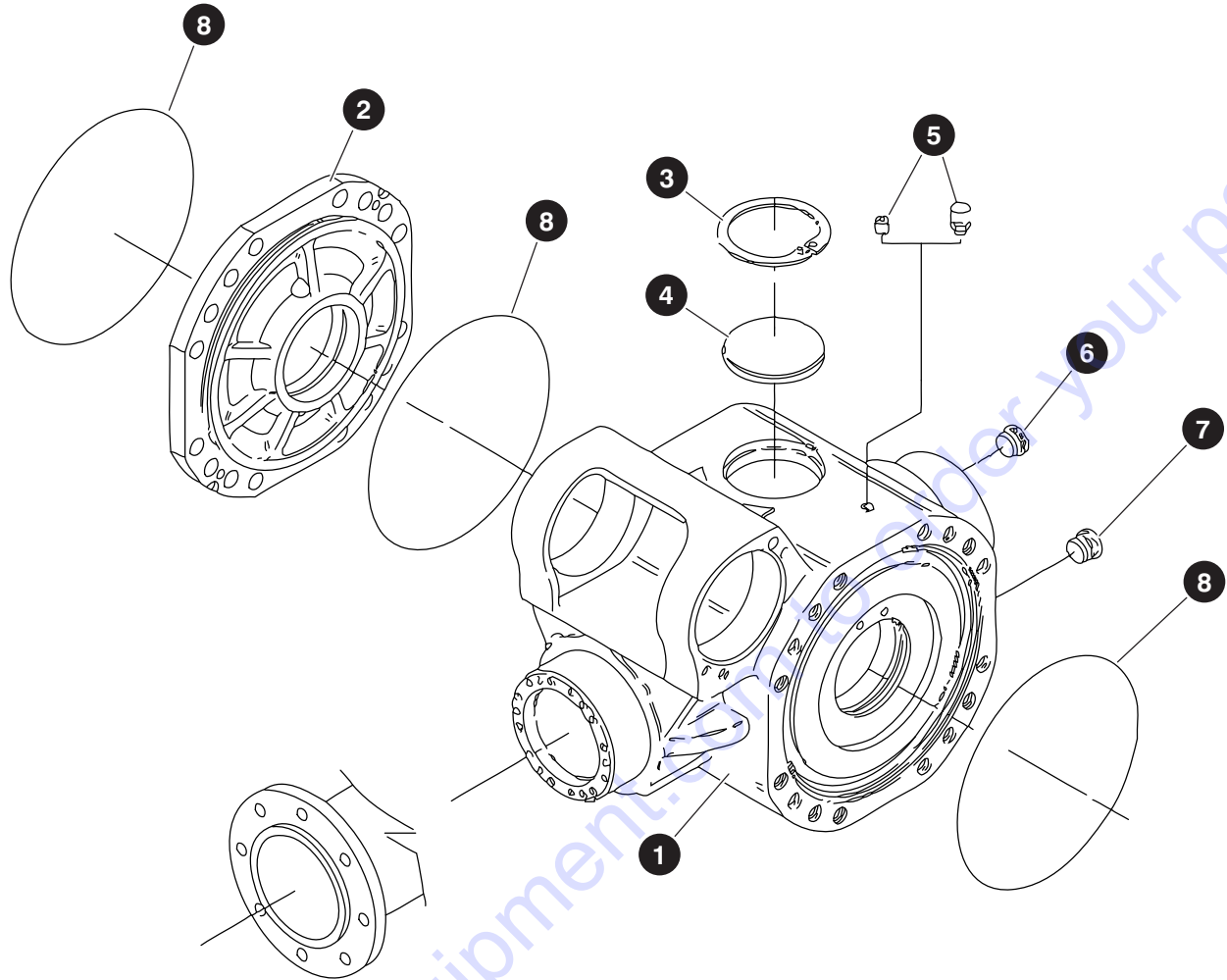
SJ85AJ

SKYJACK

5.7 Brakes - Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170837	1	BRAKES - Front Axle
1	170838	1	• SPACER
2	170839	4	• SPRING
3	170840	2	• PISTON
4	170841	2	• O-RING
5	170842	4	• O-RING
6	170843	4	• RING, Back-up
7	170844	2	• COVER
8	170845	2	• O-RING
9	170846	2	• RING, Back-up
10	170847	2	• PISTON
11	170848	2	• DISC, Intermediate brake
12	168005	6	• SPRING
13	170849	6	• BOLT, Adjusting
14	170850	8	• DISC
15	141096	8	• DISC, Intermediate brake
16	170851	2	• SPACER
17	170852	4	• BOLT
18	170853	6	• BOLT, Adjusting
19	141098	6	• SPRING
20	925242	4	• NUT
21	933214	4	• WASHER, Lock
22	932863	4	• BOLT, Bleeding
23	929592	4	• PLUG
24	170854	1	• KIT, SHIM
-	168299	1	• PLUG WITH SEAL
25	168288	4	• • PLUG
26	168289	4	• • WASHER, Seal

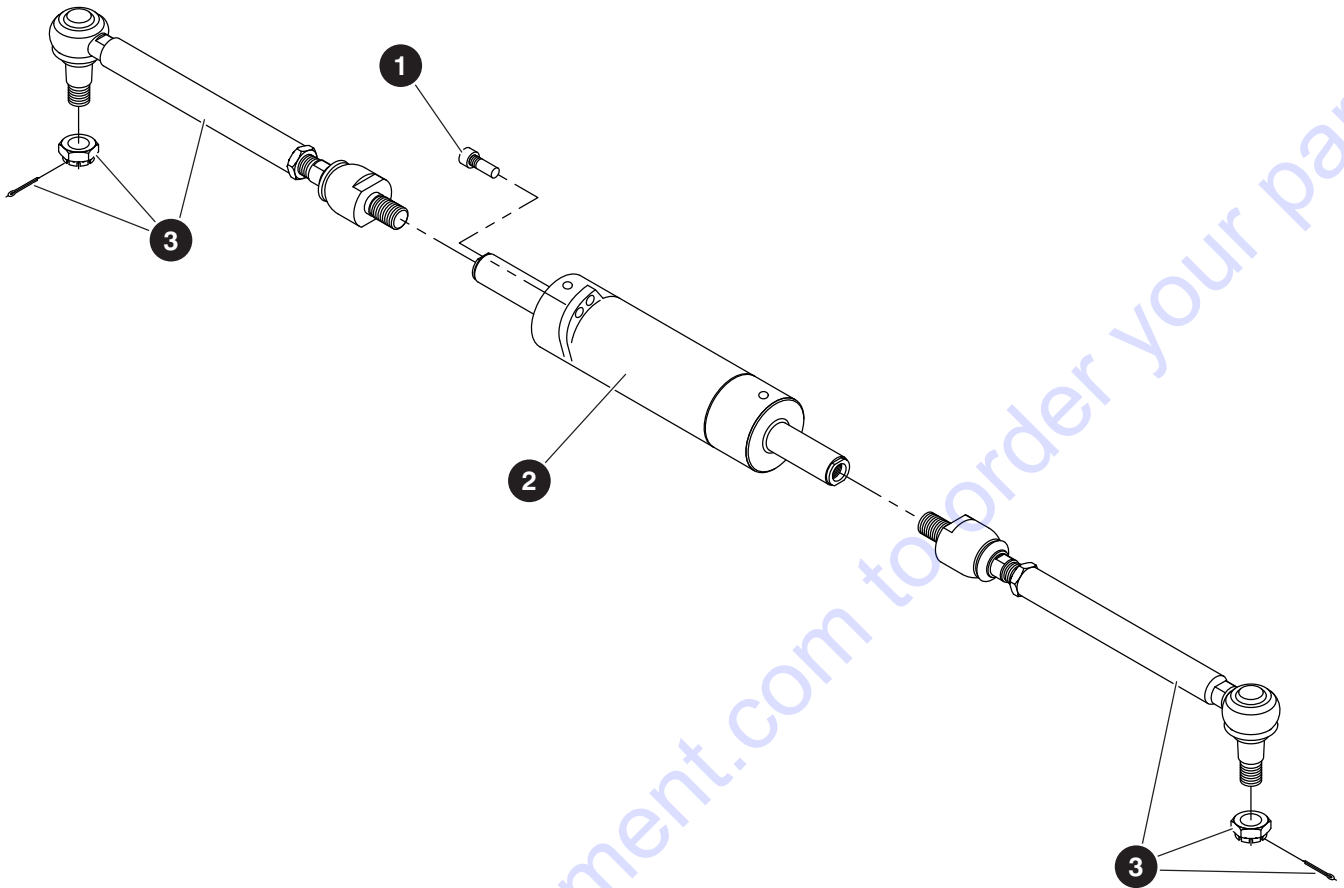
5.8 Central Housing - Front Axle



M146176AA_1

Index No.	Skyjack Part No.	Qty.	Description
-	151755	-	CENTRAL HOUSING - Front Axle
1	406383	1	• HOUSING
2	170719	1	• COVER
3	140966	1	• CIRCLIP
4	140967	1	• PLUG
5	170720	1	• VENT
6	140969	1	• PLUG
7	927314	1	• PLUG, Magnet
8	140970	3	• O-RING
8	700575	8	• NUT, Torque lock (3/4"-10, Grade C)
9	171198	2	• FILTER, Breather
10	160792	1	• FITTING, Branch tee (04 JICFSW - 04 JICM)
11	167732	4	• U-BOLT, Axle mount

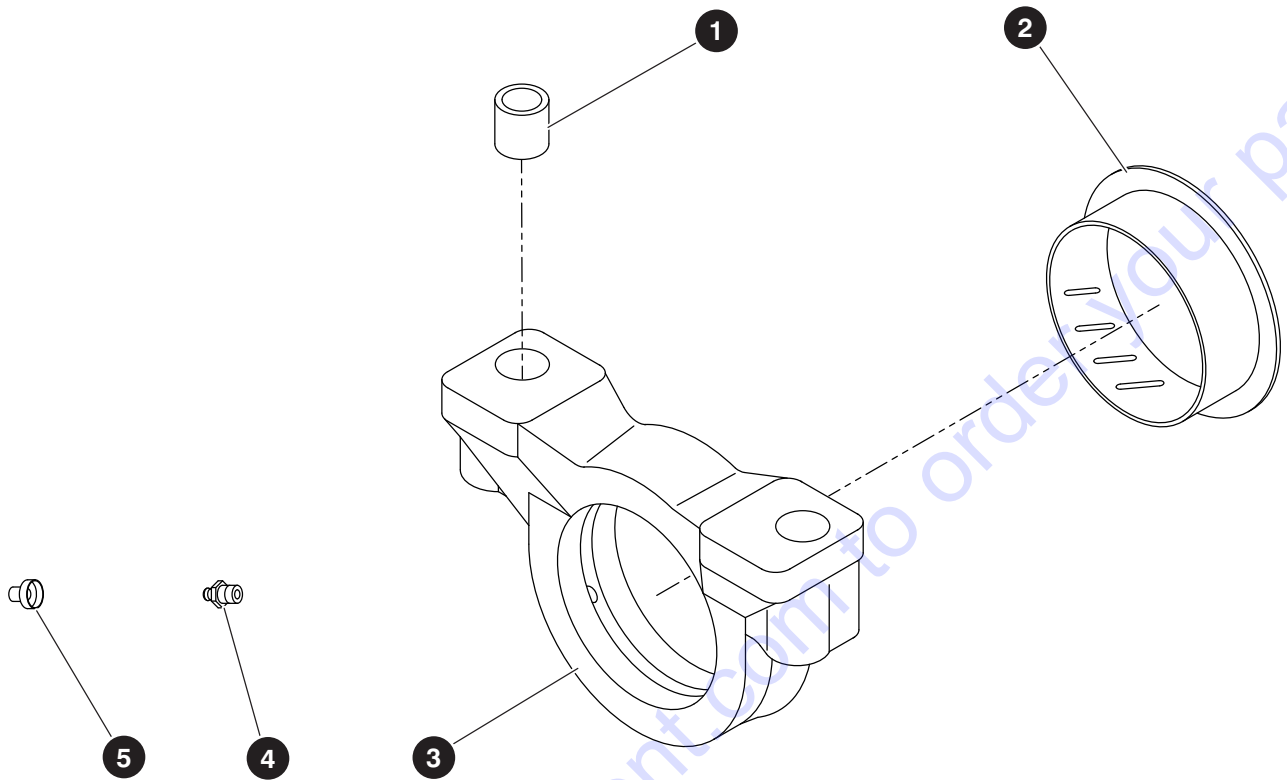
5.9 Steering Assembly - Front Axle



M170931AA

Index No.	Skyjack Part No.	Qty.	Description
-	170902	1	STEERING ASSEMBLY - Front Axle
1	927582	4	• BOLT
2	170903	1	• CYLINDER, Steer
	169242	1	• • KIT, Seal - Steer Cylinder (not shown)
3	170904	2	• TIE ROD

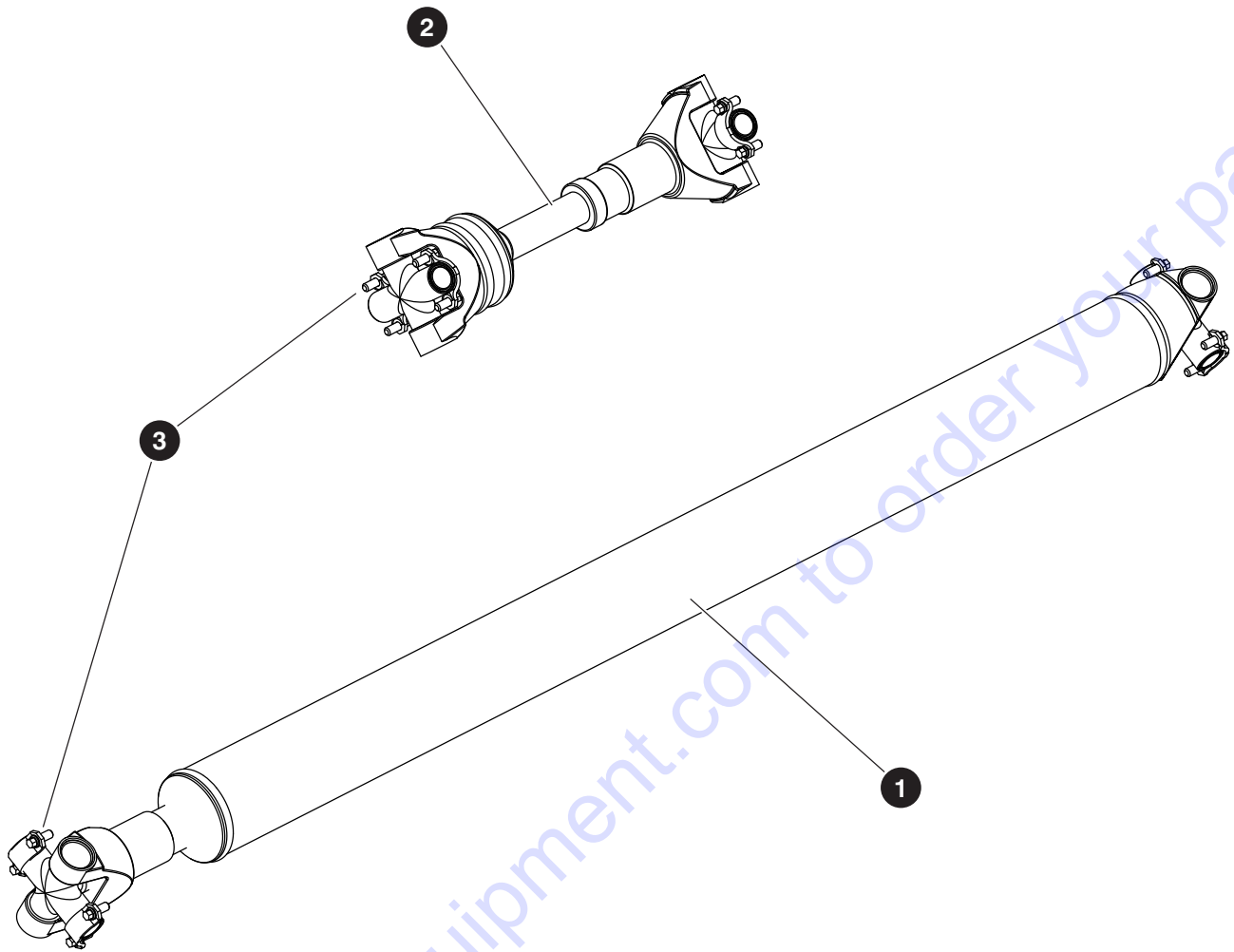
5.10 Trunnion - Front Axle



M170855AA

Index No.	Skyjack Part No.	Qty.	Description
-	170855	1	TRUNNION - Front Axle
1	141048	4	• BUSHING, Reduction
2	170856	2	• BUSHING, Thrust
3	928711	2	• SUPPORT
4	168273	2	• FITTING, Grease
5	929592	2	• PLUG
6	141052	2	• SUPPORT (not shown)

5.11 Driveshaft



M198058AA

Index No.	Skyjack Part No.	Qty.	Description
-	198058	1	DRIVESHAFT ASSEMBLY
1	165202	1	• DRIVESHAFT, 1410 Spicer (58.86 long)
2	165201	1	• DRIVESHAFT, 1410 Spicer (11.85 long)
3	138731	4	• HARDWARE KIT, Driveshaft

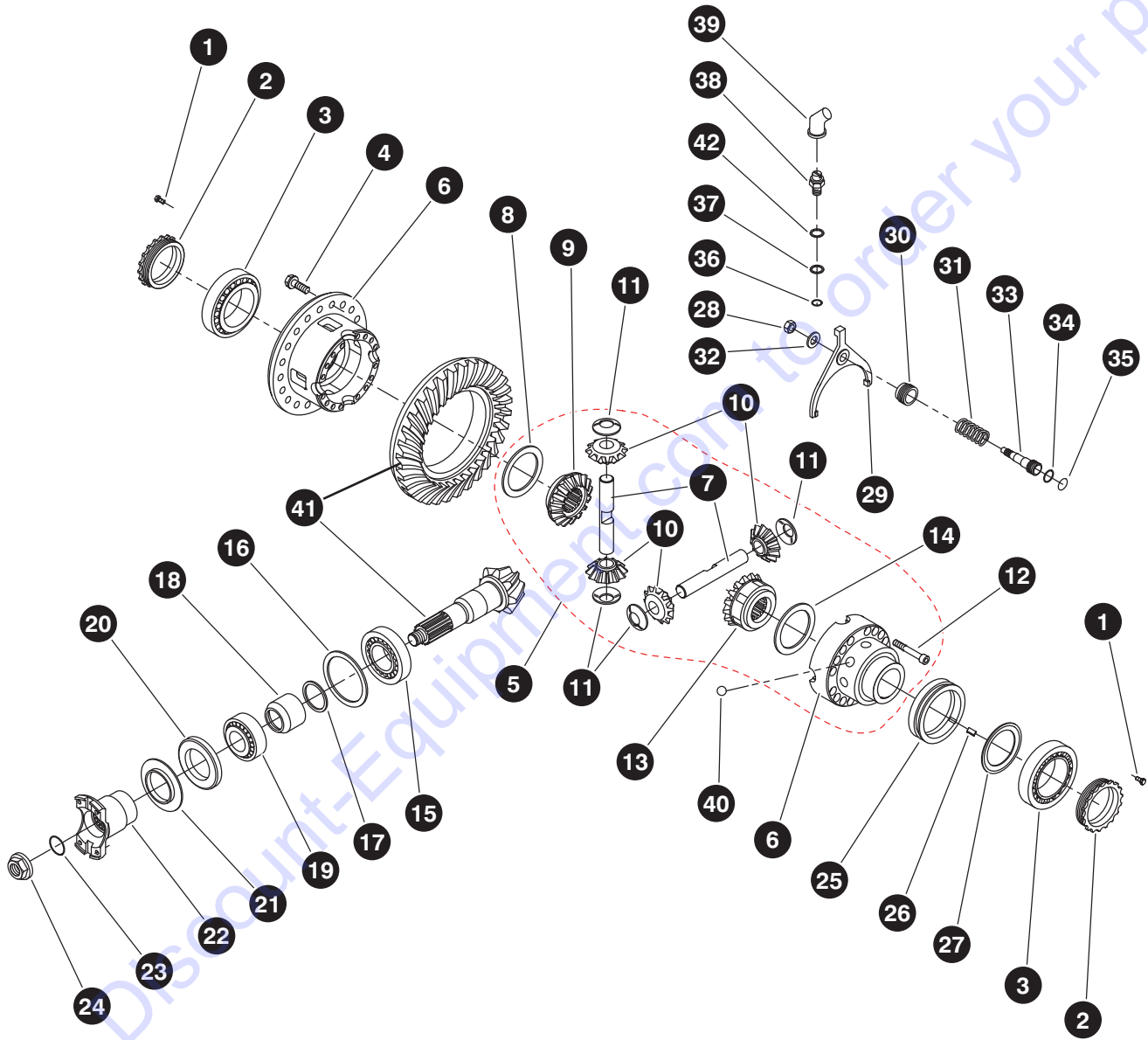
SJ85AJ

SKYJACK

210340AE

143

5.12 Differential - Rear Axle



M170862AA

210340AE

144

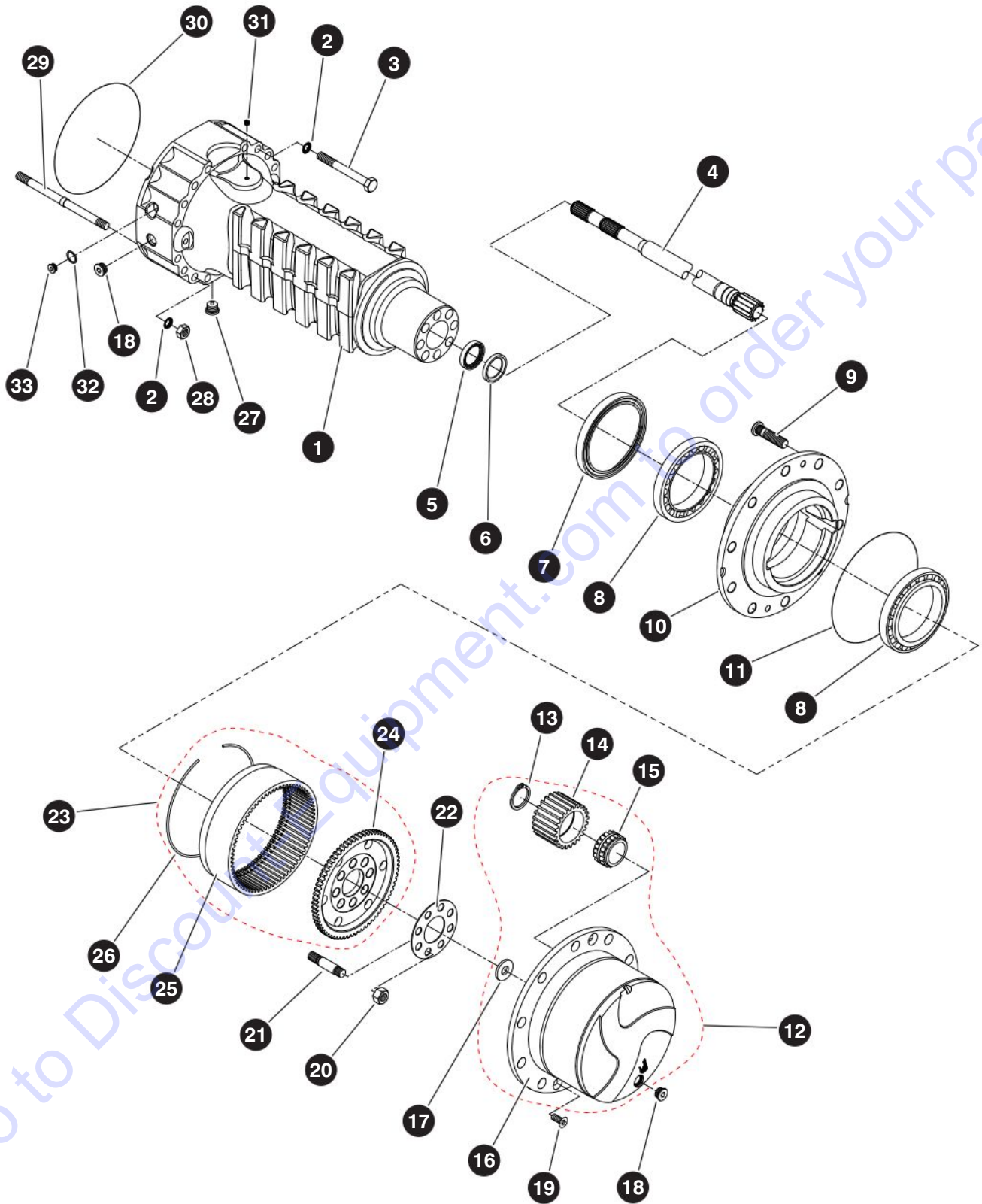
SJ85AJ

SKYJACK

5.12 Differential - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170862	1	DIFFERENTIAL - Rear Axle
1	168259	2	• BOLT
2	168260	2	• NUT, Ring
3	923846	2	• BEARING, Taper roller
4	923879	16	• BOLT
5	170863	1	• DIFFERENTIAL ASSEMBLY
6	170864	1	• • CARRIER, Differential
7	168264	2	• • SHAFT, Differential
8	168262	1	• • WASHER, Friction
9	168263	1	• • SIDE GEAR, Differential
10	168266	4	• • PINION, Differential
11	168267	4	• • WASHER, Friction
12	170865	15	• • BOLT
13	170866	1	• • SIDE GEAR, Differential
14	170867	1	• • WASHER, Friction
15	925249	1	• BEARING, Taper roller
16	168268	1	• KIT, Shim
17	923892	1	• KIT, Ring
18	414415	1	• SPACER
19	168316	1	• BEARING, Taper roller
20	923894	1	• SEAL
21	923895	1	• PLATE, Cover
22	170868	1	• FLANGE
23	923897	1	• O-RING
24	923898	1	• NUT
25	170869	1	• SLEEVE
26	154372	1	• KEY
27	170880	1	• WASHER, Friction
28	170870	1	• NUT
29	170874	1	• FORK, Selector
30	170875	1	• NUT, Ring
31	170876	1	• SPRING
32	923900	1	• WASHER, Spring
33	170877	1	• PISTON
34	141129	1	• O-RING
35	170878	1	• GASKET
36	154579	1	• O-RING
37	154578	1	• WASHER, Seal
38	170879	1	• SWITCH, Security
39	409419	1	• BOOT
40	154574	8	• BALL, Detent
41	170881	1	• GEAR SET, Bevel
42	170882	1	• WASHER, Seal

5.13 Hub Reduction - Rear Axle



M170883AA

210340AE

146

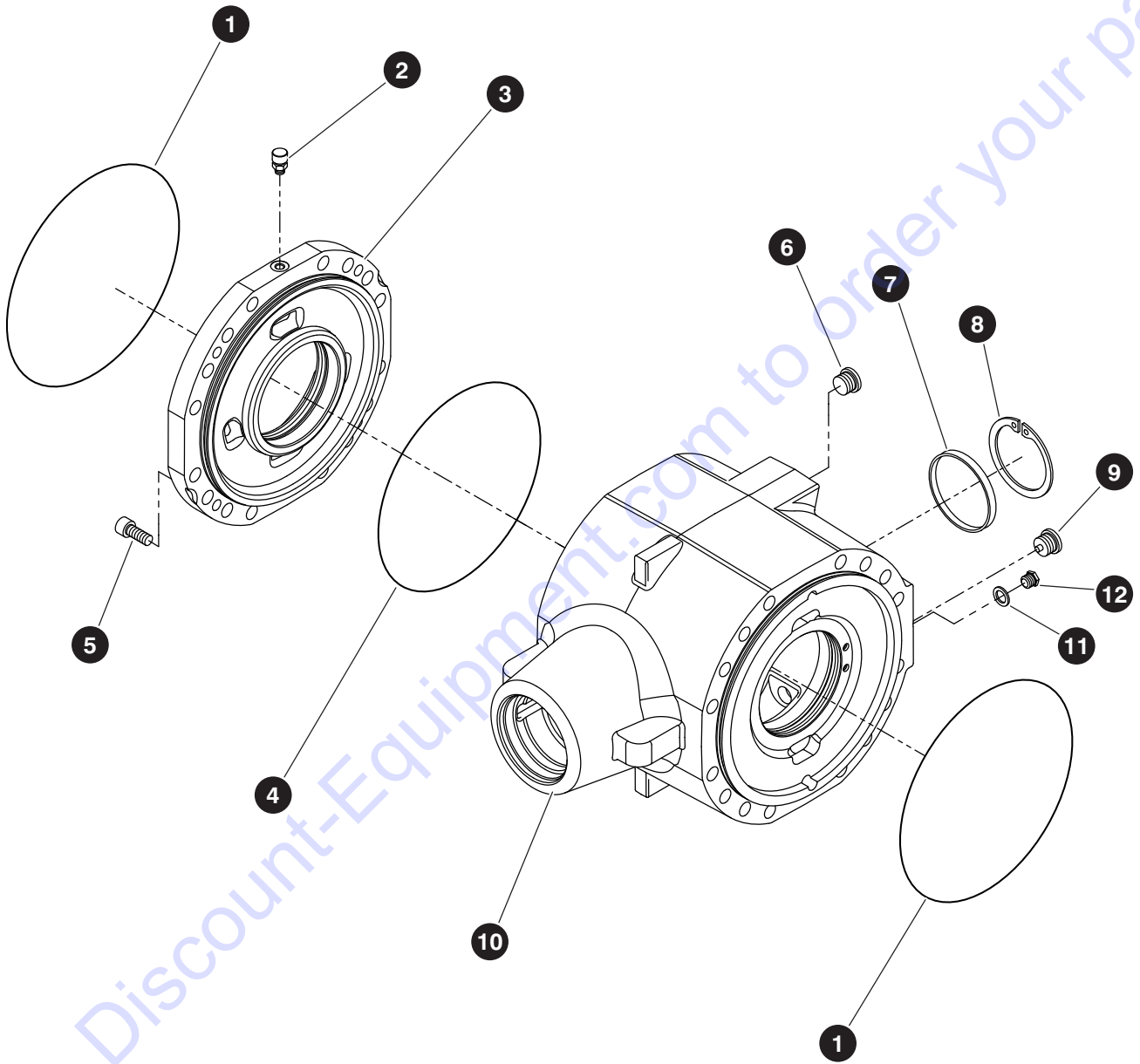
SJ85AJ

SKYJACK

5.13 Hub Reduction - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170883	1	HUB REDUCTION - Rear Axle
1	170884	1	• CASE, Axle
2	927332	8	• WASHER
3	923901	24	• BOLT
4	170885	2	• SHAFT, Half
5	170886	2	• SEAL
6	170887	2	• RING
7	154631	2	• SEAL
8	925239	4	• BEARING, Taper roller
9	170808	20	• STUD, Wheel
10	170888	2	• HUB, Wheel
11	925533	2	• O-RING
12	140889	2	• CARRIER ASSEMBLY, Planet gear
13	922522	6	• • RING, Snap
14	168282	6	• • GEAR, Planet
15	922523	6	• • BEARING
16	170890	2	• • CARRIER, Planet gear
17	141037	2	• • WASHER, Friction
18	168258	4	• PLUG
19	141033	4	• BOLT, Countersunk
20	923918	16	• NUT
21	168278	16	• STUD
22	923919	2	• PLATE, Locking
23	170833	2	• SUPPORT ASSEMBLY, Ring gear
24	168280	2	• • SUPPORT, Ring gear
25	168281	2	• • GEAR, Ring
26	920728	2	• • CIRCLIP
27	154600	2	• PLUG, Magnetic
28	170836	5	• NUT
29	170891	8	• STUD
30	170858	2	• O-RING
31	168256	2	• PLUG
32	170892	2	• WASHER
33	170893	2	• PLUG

5.14 Central Housing - Rear Axle



M170861AA

210340AE

148

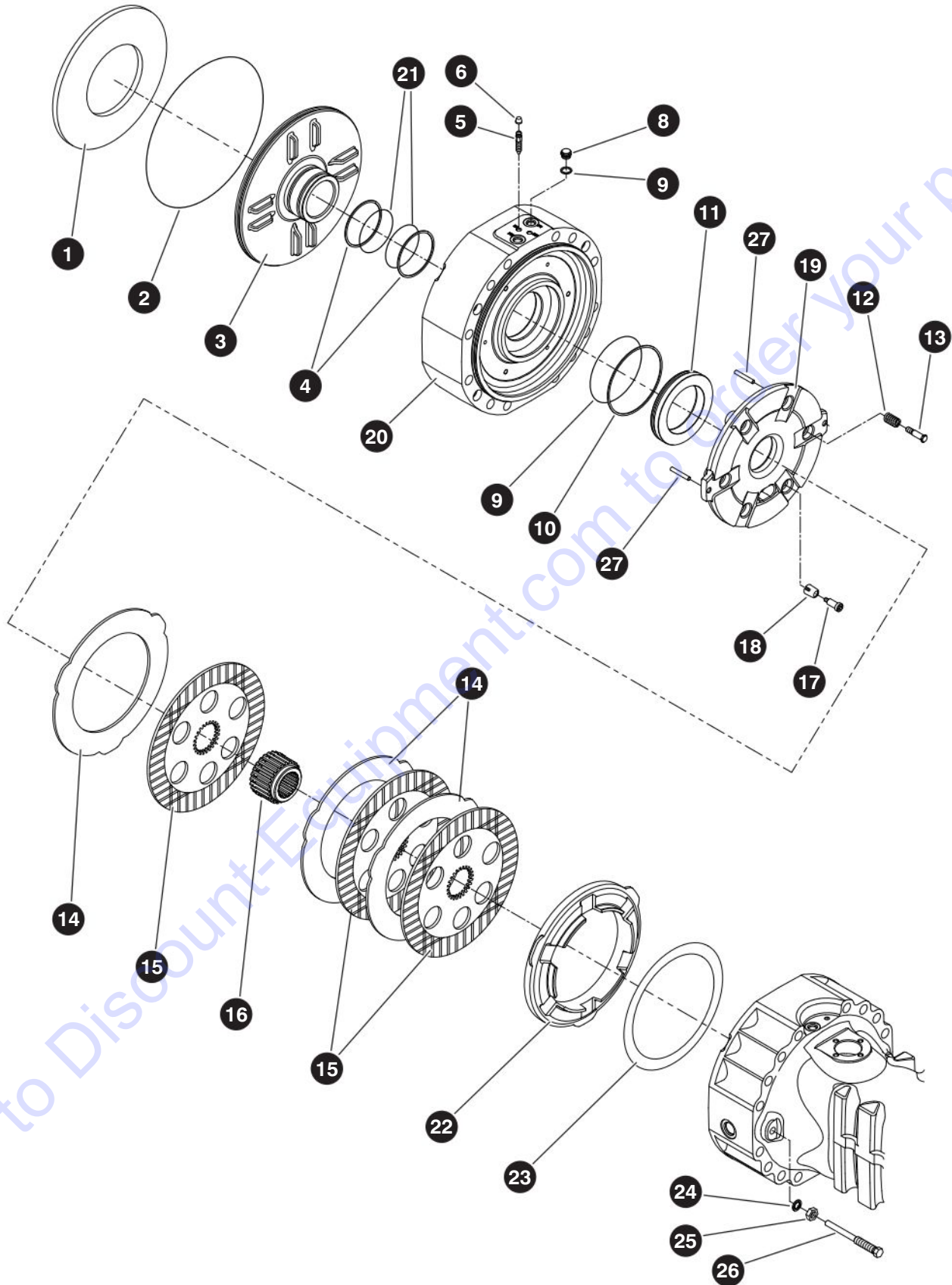
SJ85AJ

SKYJACK

5.14 Central Housing - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170857	-	CENTRAL HOUSING - Rear Axle
1	170858	2	• O-RING
2	932867	1	• VENT
3	170859	1	• COVER, Intermediate
4	925533	1	• O-RING
5	170860	4	• BOLT
6	168258	1	• PLUG
7	140967	1	• PLUG
8	140966	1	• CIRCLIP
9	154600	1	• PLUG, Magnetic
10	170861	1	• HOUSING
-	168299	1	• PLUG WITH SEAL
11	168289	1	• • WASHER, Seal
12	168288	1	• • PLUG

5.15 Brakes - Rear Axle



M170894AA

210340AE
150

SJ85AJ

SKYJACK

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

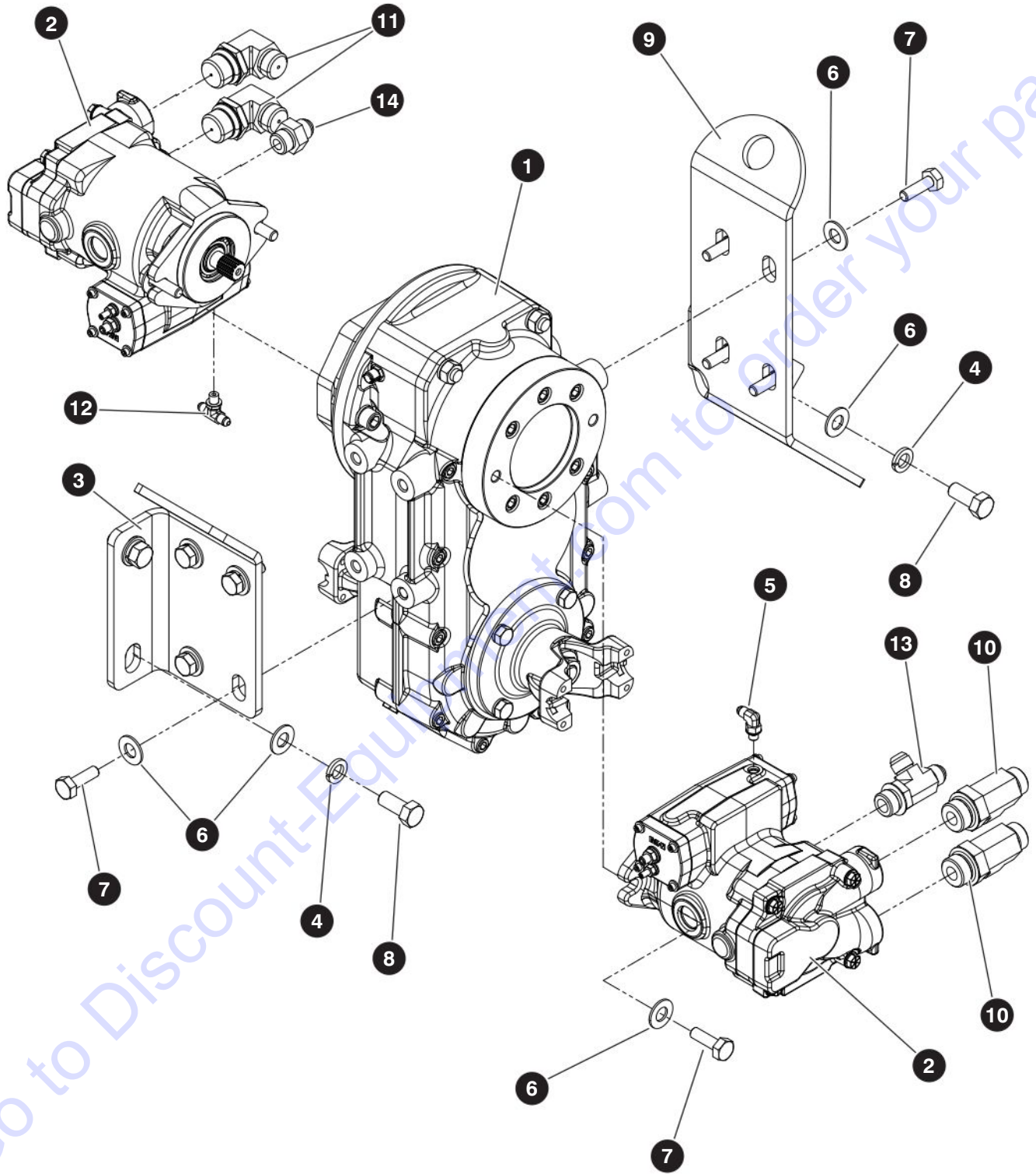
Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

5.15 Brakes - Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	170894	1	BRAKES - Rear Axle
1	923935	2	• SPRING
2	170858	2	• O-RING
3	170895	2	• PISTON
4	170843	4	• RING, Back-up
5	932863	4	• BOLT, Bleeding
6	929592	4	• PLUG
-	168299	1	• PLUG WITH SEAL
7	168289	4	• • WASHER, Seal
8	168288	4	• • PLUG
9	170896	2	• O-RING
10	170897	2	• RING, Back-up
11	170898	2	• PISTON
12	168005	6	• SPRING
13	170849	6	• BOLT, Adjusting
14	923848	6	• DISC, Intermediate brake
15	934625	6	• DISC, Brake
16	923929	2	• BUSHING, Reduction
17	170853	6	• BOLT, Adjusting
18	141098	6	• SPRING
19	168292	2	• DISC, Intermediate brake
20	170899	2	• COVER
21	170842	4	• O-RING
22	170900	2	• SPACER
23	168295	1	• KIT, SHIM
24	933214	4	• WASHER, Lock
25	925242	4	• NUT
26	170901	4	• BOLT
27	168298	4	• DOWEL

5.16 Gear Box & Motors



M165115AG

210340AE

152

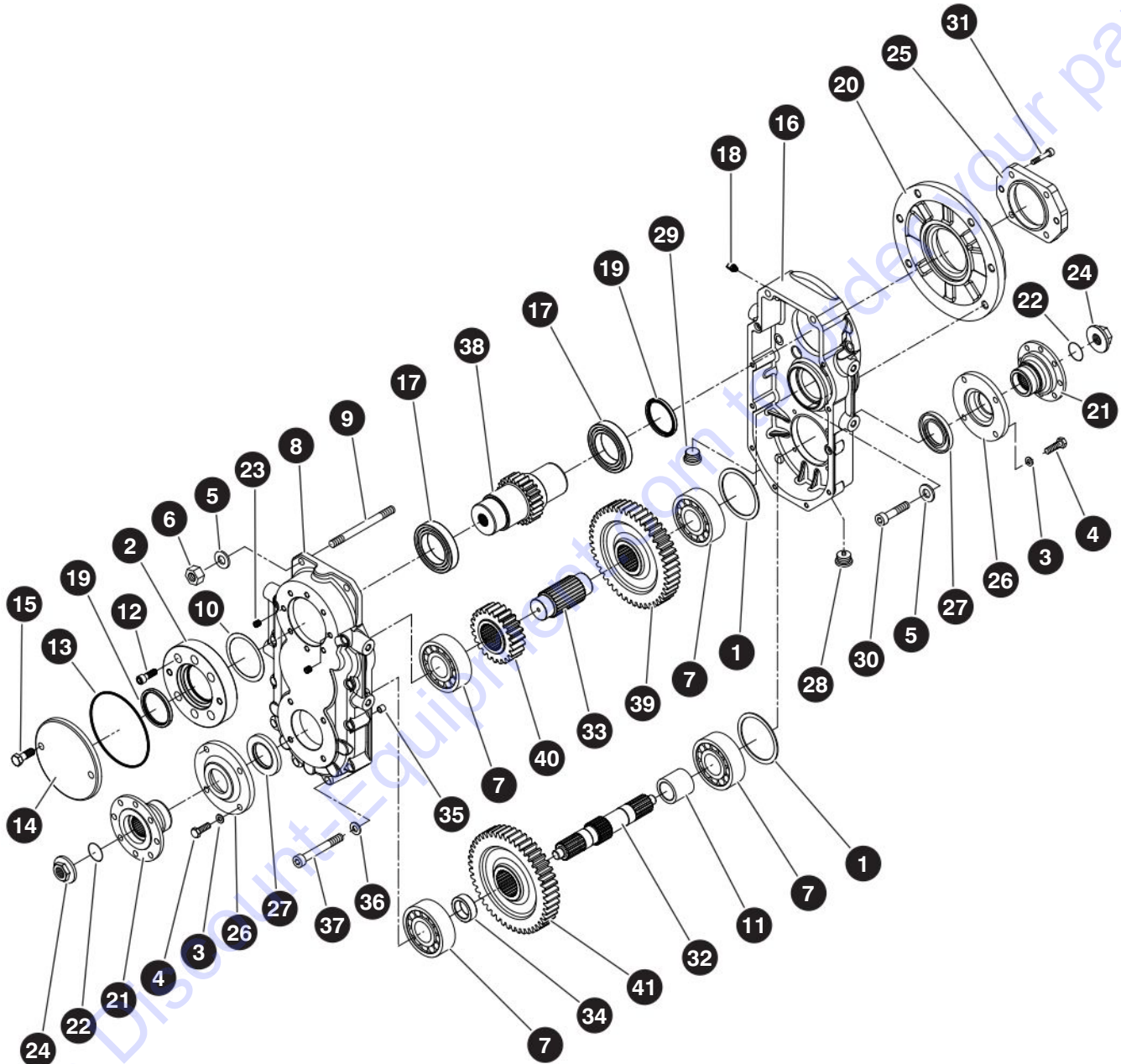
SJ85AJ

SKYJACK

5.16 Gear Box & Motors

Index No.	Skyjack Part No.	Qty.	Description
-	165115	-	GEAR BOX & MOTOR ASSEMBLY
1	(Ref.)	1	<ul style="list-style-type: none"> BOX, Gear - Dana 305 ratio 1:4.49 (For components, refer to 5.17 Gear Box)
2	171944	2	<ul style="list-style-type: none"> MOTOR, Axle drive
2	170933	1	<ul style="list-style-type: none"> SEAL KIT, Drive motor
3	165198	1	<ul style="list-style-type: none"> BRACKET MOUNT, Gear box
4	103998	4	<ul style="list-style-type: none"> WASHER, Lock (0.625")
5	125883	1	<ul style="list-style-type: none"> FITTING, 90° (04 JICM - 04 ORBM)
6	700782	16	<ul style="list-style-type: none"> WASHER, Flat hardened (0.625")
7	171913	12	<ul style="list-style-type: none"> BOLT, Hex head (M14 x 2 x 35mm gr 10.9)
8	103899	4	<ul style="list-style-type: none"> BOLT, Hex head (0.625"-11 x 1.50" gr 5)
9	167919	1	<ul style="list-style-type: none"> BRACKET MOUNT, Gear box
10	167066	2	<ul style="list-style-type: none"> FITTING, Run tee (12 FSM - 16 ORBM - 12 FSM)
11	167067	2	<ul style="list-style-type: none"> FITTING, 90° (12 FSM - 16 ORBM)
12	132463	1	<ul style="list-style-type: none"> FITTING, Tee (04 MJ - 04 MB - 04 MJ)
13	167258	1	<ul style="list-style-type: none"> FITTING, Run tee (10 JICM - 12 ORBM - 10 JICM)
14	137490	1	<ul style="list-style-type: none"> FITTING, Straight (10 JICM - 10 ORBM)

5.17 Gear Box



M170935AA

210340AE

154

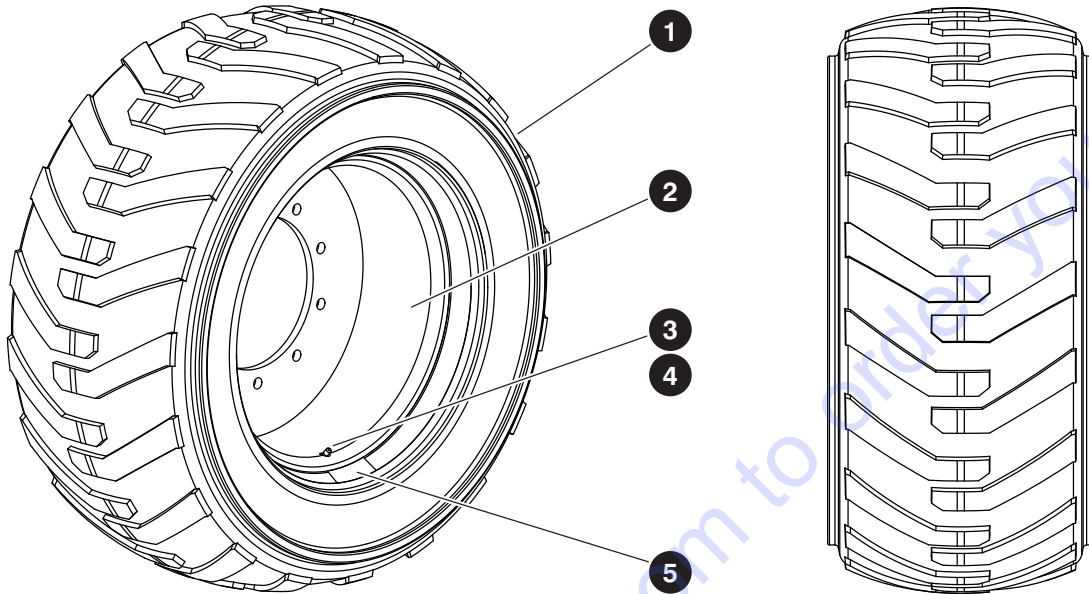
SJ85AJ

SKYJACK

5.17 Gear Box

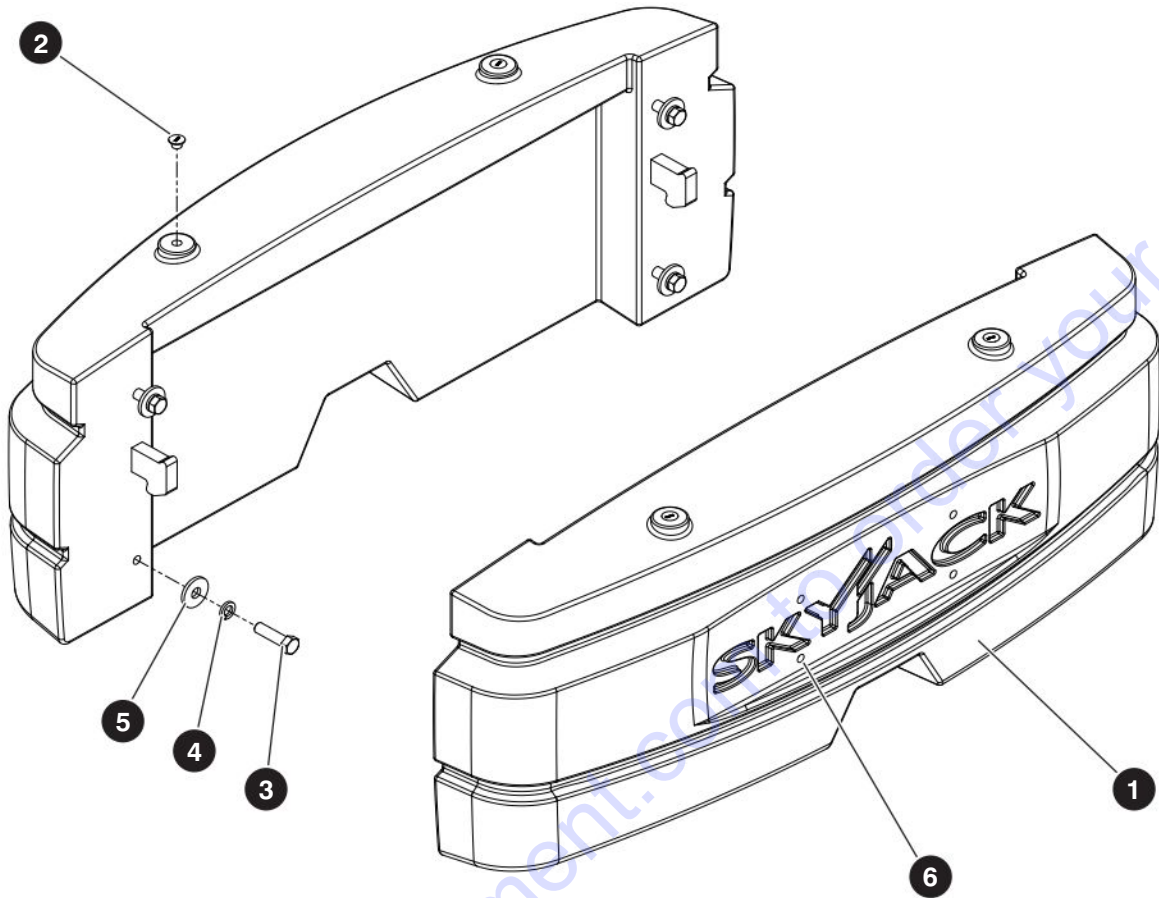
Index No.	Skyjack Part No.	Qty.	Description
-	168160	-	GEAR BOX, Dana 305 ratio 1:4.49
-	170905	1	• GEAR BOX
1	170906	1	• • KIT, Shim
2	141384	1	• • COVER
3	141373	8	• • WASHER, Spring
4	170907	8	• • BOLT
5	141364	6	• • WASHER, Spring
6	141363	2	• • NUT
7	170908	2	• • BEARING, Ball
8	141365	1	• • HOUSING
9	141367	2	• • STUD
10	141382	1	• • SHIM
11	170909	1	• • SPACER
12	141362	6	• • BOLT, Cylinder
13	170809	1	• • O-RING
14	170910	1	• • COVER
15	170911	2	• • BOLT
16	170912	1	• • COVER
17	141366	2	• • BEARING, Ball
18	932867	1	• • VENT
19	141370	2	• • SEAL
20	141371	1	• • COVER
21	141151	2	• • FLANGE
22	141152	2	• • O-RING
23	141368	2	• • BOLT, Grub
24	141372	2	• • NUT
25	170913	1	• • COVER
26	141374	2	• • COVER
27	170914	2	• • SEAL
28	925941	1	• • PLUG, Magnetic
29	920003	1	• • PLUG
30	141383	4	• • BOLT, Cylinder
31	170915	4	• • BOLT, Cylinder
32	170916	1	• • SHAFT, Output
33	141377	1	• • SHAFT
34	141378	1	• • SPACER
35	141379	2	• • BUSHING, Reduction
36	141380	10	• • WASHER, Spring
37	141381	10	• • BOLT, Cylinder
-	170917	1	• GEARS
38	170918	1	• • SHAFT, GEAR
39	170919	1	• • GEAR
40	141388	1	• • GEAR
41	141389	1	• • GEAR

5.18 Tires



M166712AC

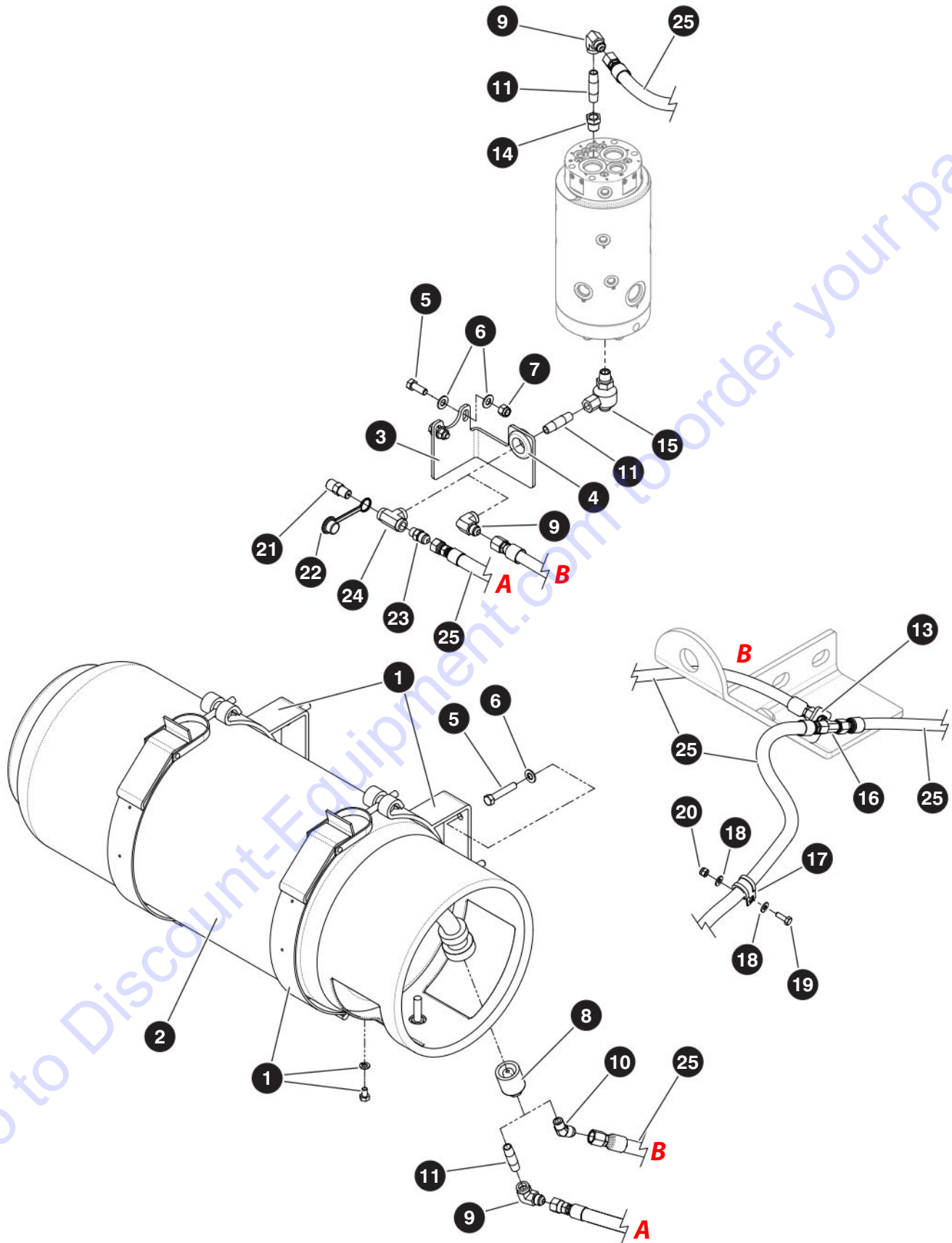
Index No.	Skyjack Part No.	Qty.	Description
A	165226	1	WHEEL SET - FOAM TIRES (<i>Standard</i>)
-	166712	2	• WHEEL ASSEMBLY, Left hand
-	166713	2	• WHEEL ASSEMBLY, Right hand
1	166710	1	• • TIRE (R4 16-625 16PR), OTR
2	166711	1	• • RIM (24.5 x 15 - 2.75" offset)
3	144309	1	• • VALVE STEM, OTR
4	166013	322 lbs	• • FOAM FILL, 32 duro 60/40
B	165229	1	WHEEL SET - NON-MARKING FOAM TIRES (<i>Optional</i>)
-	167116	2	• WHEEL ASSEMBLY, Left hand
-	167117	2	• WHEEL ASSEMBLY, Right hand
1	167105	1	• • TIRE (R4 16-625 16PR), OTR
2	166711	1	• • RIM (24.5 x 15 - 2.75" offset)
3	144309	1	• • VALVE STEM, OTR
4	166013	322 lbs	• • FOAM FILL, 32 duro 60/40



M198490AD

Index No.	Skyjack Part No.	Qty.	Description
A	198490	1	CHASSIS COUNTERWEIGHT - ANSI/CSA, CE & KC
B	212854	1	CHASSIS COUNTERWEIGHT - AS
1	198067	2	• COUNTERWEIGHT, Chassis, A
	212855	2	• COUNTERWEIGHT, Chassis, B
2	144105	4	• PLUG, Threaded hole (0.75")
3	212320	8	• BOLT, Hex head (0.75"-10 x 3.00" gr 8)
4	104002	8	• WASHER, Lock (0.75")
5	146983	8	• WASHER, Counterweight
6	197516	8	• PLUG, Tapered (0.375")

5.20 Propane Tanks



M198196AB_M198491AA-2

Index No.	Skyjack Part No.	Qty.	Description
A	198196	1	SINGLE PROPANE TANK - 44 lb tank (standard)
B	216014	1	SINGLE PROPANE TANK - 33 lb tank (optional)
C	198491	1	DUAL PROPANE TANKS - 44 lb tank (optional)
D	216015	1	DUAL PROPANE TANKS - 33 lb tank (optional)
1	144295	1	• PROPANE TANK MOUNTING KIT (pair), A, B
	144295	2	• PROPANE TANK MOUNTING KIT (pair), C, D
	221768	2	• • BRACKET, Propane tank
	221769	2	• • LATCH
	221770	1	• • PIN, Locating
	221771	2	• • SCREW, Sem
2	702253	1	• BOTTLE, Propane - 44 lb, A
	145976	1	• BOTTLE, Propane - 33 lb, B
	702253	2	• BOTTLE, Propane - 44 lb, C
	145976	2	• BOTTLE, Propane - 33 lb, D
3	161077	1	• BRACKET, Propane fitting retainer
4	144294	1	• GROMMET, Rubber
5	101297	6	• BOLT, Hex head (0.375-16" x 1.25" gr 5), A, B
	101297	10	• BOLT, Hex head (0.375-16" x 1.25" gr 5), C, D
6	103472	8	• WASHER, Flat (0.375"), A, B
	103472	10	• WASHER, Flat (0.375"), C, D
7	104606	2	• NUT, Lock (0.375"-16)
8	103006	1	• COUPLING, Quick, A, B
	103006	2	• COUPLING, Quick, C, D
9	144334	2	• FITTING, 90° (06SAE45M-04NPTM), A, B
	144334	3	• FITTING, 90° (06SAE45M-04NPTM), C, D
10	103159	2	• FITTING, 90° (06SAE45M-04NPTM), C, D
11	143478	3	• FITTING, Nipple (04NPT x 2" lg brass), A, B
	143478	2	• FITTING, Nipple (04NPT x 2" lg brass), C, D
13	211860	1	• BRACKET, Shuttle tee, C, D
14	100385	1	• FITTING, Straight (06MP-04FP)
15	702239	1	• FITTING, 90° live swivel (04NPTF-06NPTM)
16	123062	1	• VALVE, Shuttle tee (LP), C, D
17	152402	1	• CLAMP, Tube (0.75"), C, D
18	103995	2	• WASHER, Flat (0.25"), C, D
19	103856	1	• BOLT, Hex head (0.25"-20 x 0.75" gr 5), C, D
20	115649	1	• NUT, Lock (0.25"-20 gr 5 nylon), C, D
21	300799	1	• VALVE, Relief, A, B
22	111622	1	• CAP, Rain, A, B
23	103156	1	• FITTING, Straight (06SAE45M-04NPTM), A, B
24	132919	1	• FITTING, Tee (04NPTF), A, B
25	(Ref.)	1	• HOSE, Propane (For components, refer to 8.10 Fuel Lines – Propane - Kubota WG3800)

Section 6 – Engines

Engine Controls 6.17

Terminal Strips 6.18

Radiator - Deutz TD2.9L 6.3

Radiator - Kubota WG3800 6.8

Radiator - Perkins 2.2TA 6.12

Exhaust - Kubota WG3800 6.9

Engine - Deutz TD2.9L 6.1

Engine - Deutz D2011 6.4

Engine - Kubota WG3800 6.6

Engine - Perkins 2.2TA 6.10

Air Intake - Deutz TD2.9L 6.2

Air Intake - Deutz D2011 6.5

Air Intake - Kubota WG3800 6.7

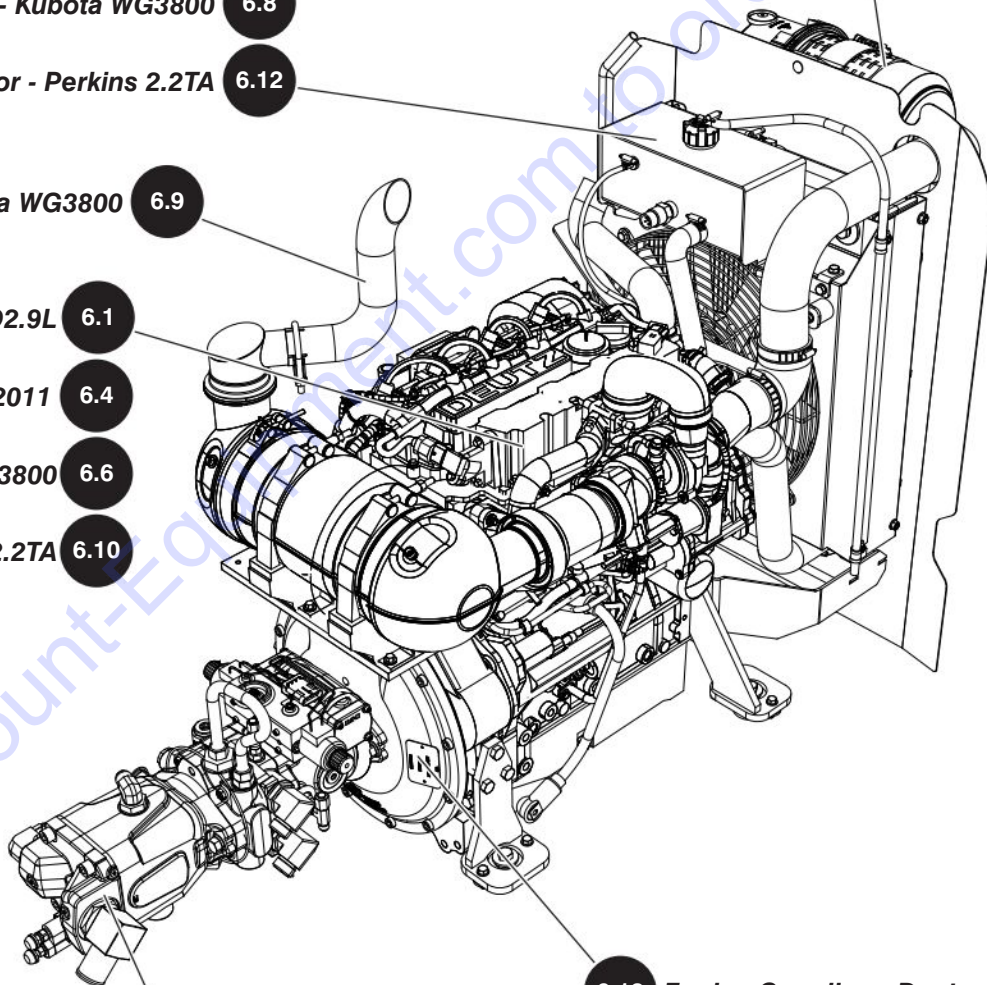
Air Intake - Perkins 2.2TA 6.11

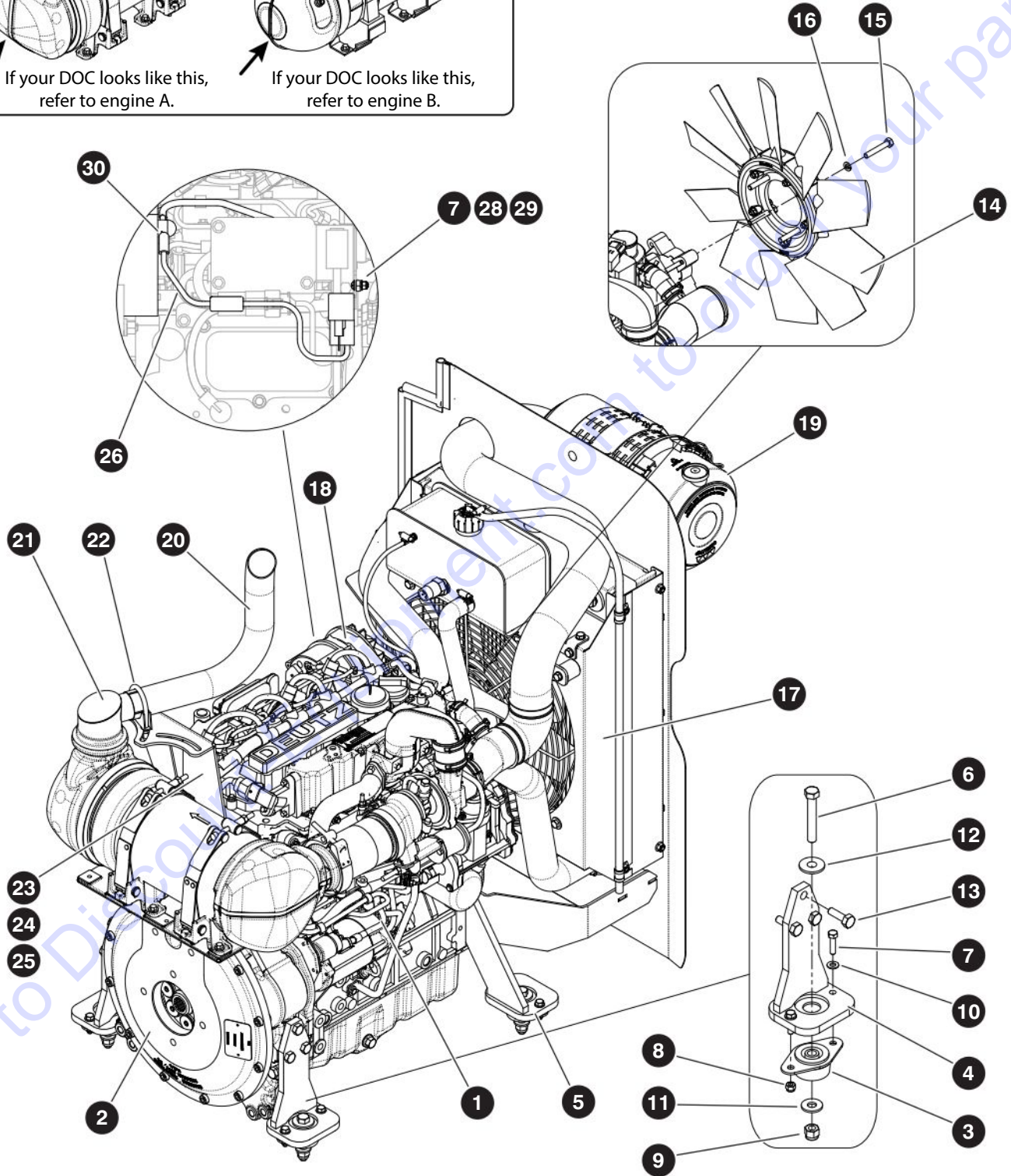
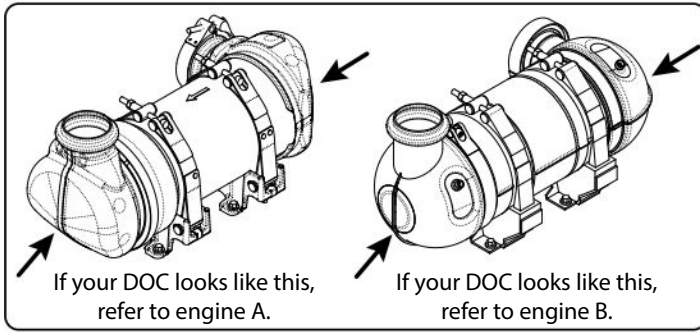
6.13 Engine Coupling - Deutz

6.14 Engine Coupling - Kubota

6.15 Engine Coupling - Perkins

6.16 Drive & System Pumps





M198063AD

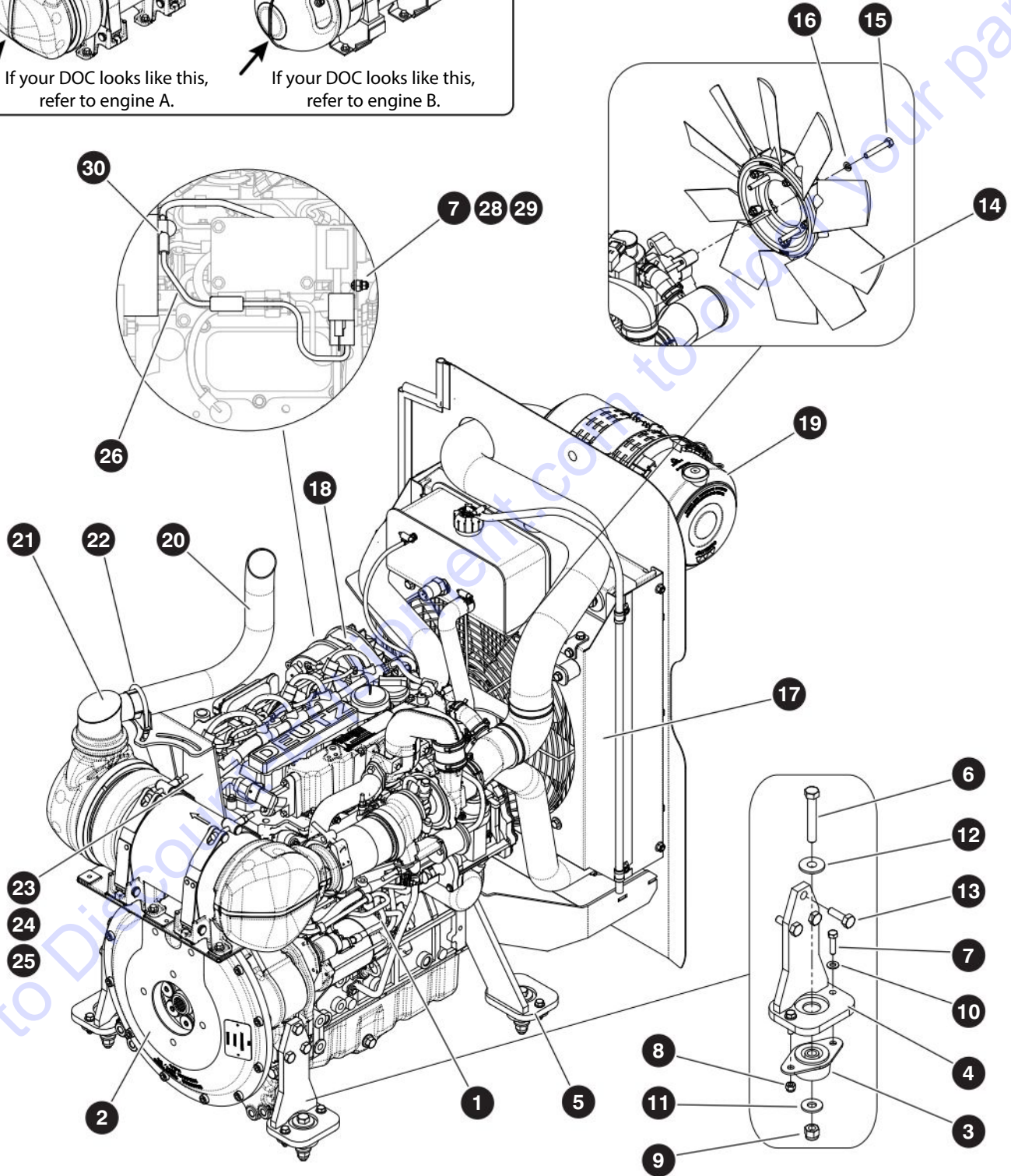
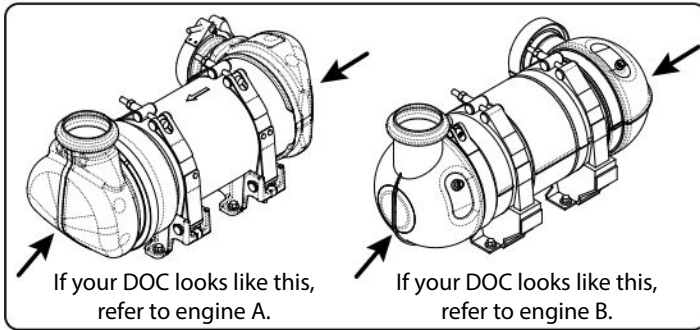
210340AE

162

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198063	1	DEUTZ TD2.9L ENGINE ASSEMBLY - ANSI/CSA & CE
1	213096	1	• ENGINE, Diesel - Deutz, TD2.9L, A (refer to the diagram for identification)
	171943	1	• ENGINE, Diesel - Deutz, TD2.9L, B (refer to the diagram for identification)
	147072	1	• • FILTER, Oil
	164770	1	• • PUMP, Fuel
	164771	1	• • FILTER, Fuel
	164772	1	• • PRE-FILTER, Fuel
	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
	166695	1	• • GASKET SET
	166696	1	• • PUMP, Coolant
	166697	1	• • TURBOCHARGER
	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
	166705	1	• • SENSOR, Intake air temperature
	194225	1	• • WIRE, Starter
	194080	1	• • DOC, B
	199169	1	• • OUTLET, DOC, A
-	167211	1	• ENGINE COUPLING INSTALLATION
2	(Ref.)	1	• • ENGINE COUPLING ASSEMBLY (For components, refer to 6.13 Engine Coupling - Deutz)
-	167210	1	• • ENGINE MOUNTS ASSEMBLY, TD2.9L
3	163028	4	• • • MOUNT, Vibration
4	163051	2	• • • MOUNT, Rear engine
	163047	1	• • • MOUNT, Front LH (not shown)
5	163049	1	• • • MOUNT, Front RH
6	103469	4	• • • BOLT, Hex head (1/2"-13 x 3 1/4" Grade 5)
7	112532	8	• • • BOLT, Hex head (5/16"-18 x 1 1/4" Grade 5)
8	103984	8	• • • NUT, Hex nylon lock (5/16"-18 Grade 5)
9	702507	4	• • • NUT, Hex nylon lock (1/2"-13 Grade 5)
10	103996	8	• • • WASHER, Flat (5/16")



M198063AD

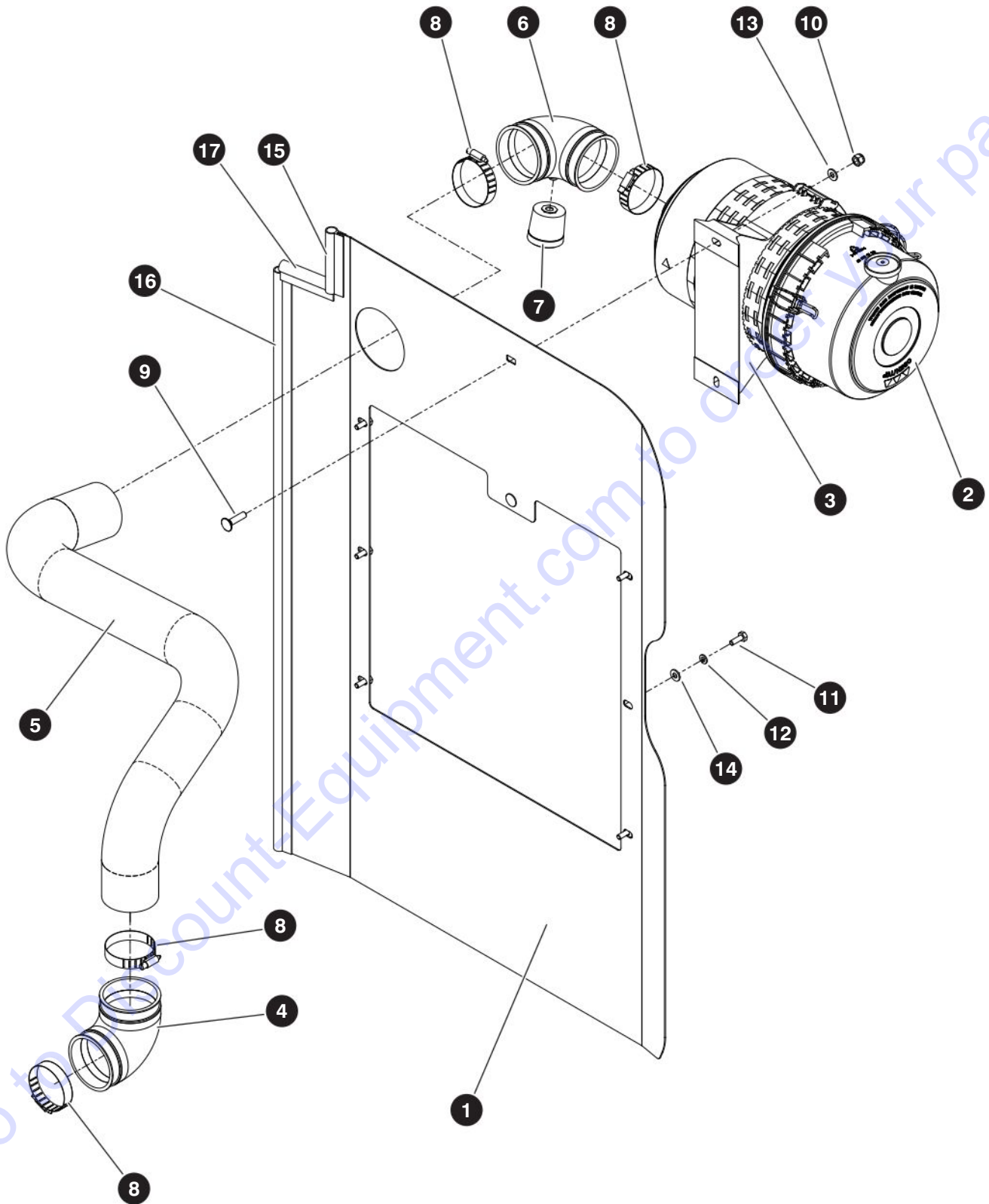
210340AE

164

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
11	104379	4	• • • WASHER, Flat (1/2" hard)
12	163200	4	• • • WASHER, Engine mount snubbing
13	149419	10	• • • BOLT, Hex head (M12 x 1 3/4" x 35mm Grade 8.8)
-	165900	1	• FAN ASSEMBLY, TD2.9L
14	163223	1	• • FAN, TD2.9L (17")
15	133174	4	• • BOLT, Hex head (M8 x 1 1/4" x 20mm Grade 5 Zinc, DIN933)
16	116218	4	• • WASHER, Lock (M8-plated, DIN127B)
17	(Ref.)	1	• RADIATOR, TD2.9L (For components, refer to 6.3 Radiator - Deutz TD2.9L)
18	165602	1	• CABLE, Alternator TD2.9L
19	(Ref.)	1	• AIR INTAKE, Deutz TD2.9L (not shown) (For components, refer to 6.2 Air Intake - Deutz TD2.9L)
-	165818	1	• EXHAUST PIPE ASSEMBLY
20	164525	1	• • ADAPTER, Exhaust
21	164540	1	• • TAILPIPE, Deutz TD2.9
22	148377	1	• • CLAMP, Exhaust pipe (2")
23	194346	1	• • BRACKET, Exhaust - Deutz
24	133232	3	• • WASHER, Flat (M8)
25	133174	3	• • BOLT, Hex head (M8-1.25 X 20 GR 8.8)
-	165022	1	GLOW PLUG HARNESS ASSEMBLY
26	165028	1	• HARNESS, Glow plug
27	138834	1	• SCREW, Round head machine (#10-24 x 0.75")
28	104694	2	• WASHER, Flat (#10)
29	126642	1	• NUT, Hex head nylon lock (#10-24, Grade 5)
30	139106	1	• BOOT, Terminal (#4AWG)
31	(Ref.)	1	ENGINE HARNESS - Deutz TD2.9L (not shown) (For components, refer to 7.4 Engine Harness - Deutz TD2.9L)



M198064AC

210340AE

166

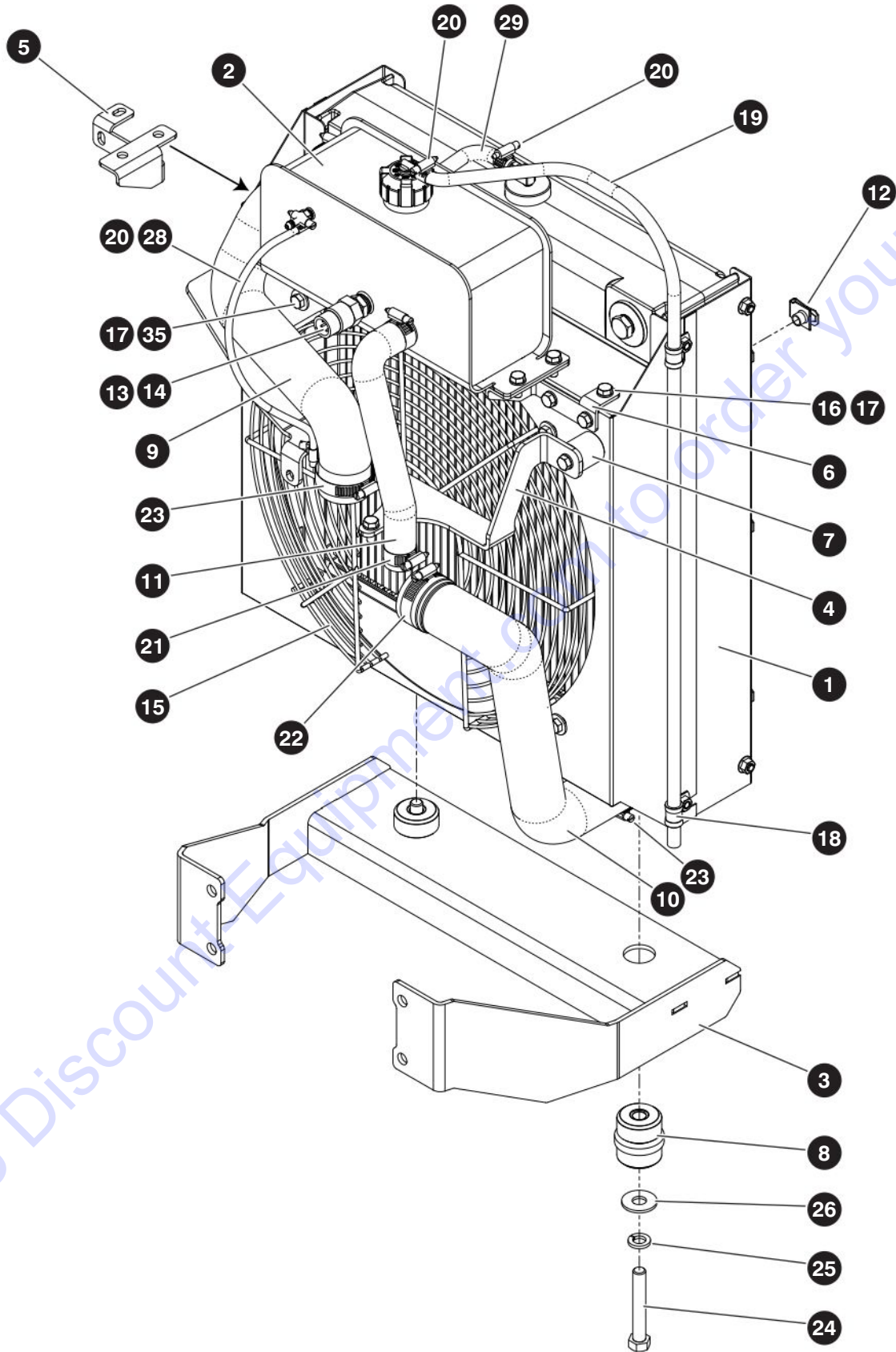
SJ85AJ

SKYJACK

6.2 Air Intake - Deutz TD2.9L

Index No.	Skyjack Part No.	Qty.	Description
-	198064	1	AIR INTAKE, Deutz TD2.9L
1	198065	1	• SHROUD, Deutz TD2.9L
2	163243	1	• CLEANER, AIR - E300
	165949	1	• • ELEMENT, Primary
	165950	1	• • ELEMENT, Secondary
	194405	1	• • CAP, Air cleaner
3	163245	1	• BRACKET, Air cleaner
4	163248	1	• CONNECTOR, 90°
5	198073	1	• TUBE, Air intake
6	163249	1	• CONNECTOR, 90°
7	163250	1	• INDICATOR, Service
8	163193	4	• CLAMP, Gear (2.063" - 3.00")
9	106049	2	• BOLT, Carriage (0.3125"-18 x 1.25" gr 5)
10	103984	2	• NUT, Lock (0.31"-18 gr B)
11	103856	6	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
12	104000	6	• WASHER, Lock (0.25")
13	103996	2	• WASHER, Flat (0.31")
14	103995	6	• WASHER, Flat (0.25)
15	137625	4"	• TRIM, Rubber
16	137625	36"	• TRIM, Rubber
17	137625	4"	• TRIM, Rubber

6.3 Radiator - Deutz TD2.9L



M197931AA

210340AE

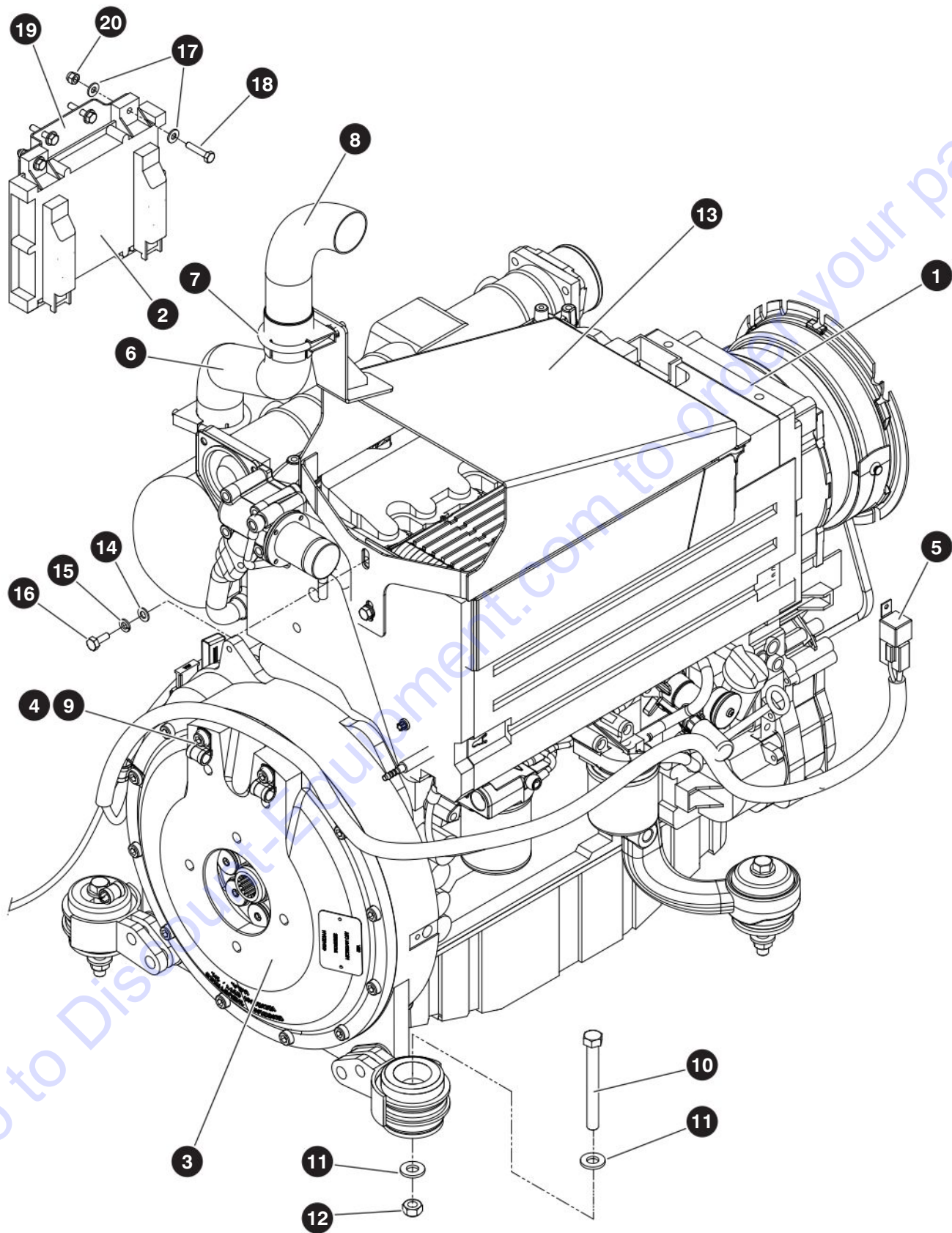
168

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	167931	1	RADIATOR ASSEMBLY, Deutz TD2.9L
1	163229	1	• RADIATOR, Deutz TD2.9L
	210168	1	• • SHROUD, Fan
2	163230	1	• RESERVOIR, Overflow, Deutz TD2.9L
-	220934	1	• KIT, Radiator, Deutz TD2.9L
3	194839	1	• • MOUNT, Radiator
4	221390	1	• • BRACKET, Upper radiator support
5	210223	1	• • MOUNT, Degas
6	210224	1	• • MOUNT, Degas
7	190430	2	• • ISOLATOR, Upper
8	132945	2	• • ISOLATOR, Lower
9	207694	1	• • HOSE, Radiator - return
10	207695	1	• • HOSE, Radiator - lower
11	207696	1	• • HOSE, Radiator - upper
12	149496	6	• NUT, Speed clip (1/4"-20 x 1/2" L)
13	165058	1	• SENSOR, Coolant level
14	166949	1	• WASHER, M16 Sealing
15	163394	1	• GUARD, Fan 17"
16	133174	17	• BOLT, Hex head (M8 x 1 1/4" x 20mm Grade 5 Zinc DIN933)
17	133232	13	• WASHER, Flat (M8 DIN126)
18	144129	2	• CLIP, Single (S332G10)
19	102984	45"	• FUEL LINE, 5/16" #4PB-B194
20	103321	3	• CLAMP, Gear (SAE #4, 1/4" - 5/8")
21	142415	2	• CLAMP, Gear (SAE #20, 3/4" - 1 3/4")
22	133222	1	• CLAMP, Gear (SAE #32, 1 9/16" - 2 1/2")
23	104528	3	• CLAMP, Gear (SAE #28, 1 5/16" - 2 1/4")
24	103469	2	• BOLT, Hex head (1/2"-13 x 3 1/4" Grade 5)
25	103470	2	• WASHER, Lock (1/2" Grade 5)
26	137241	1	• WASHER, Fender (1/2" ID)
27	166164	4	• WASHER, Flat (5/16" Standard)
28	160366	13"	• FUEL LINE, 3/16"
29	166737	6"	• FUEL LINE, 5/16"

6.4 Engine - Deutz D2011



M198293AE

210340AE

170

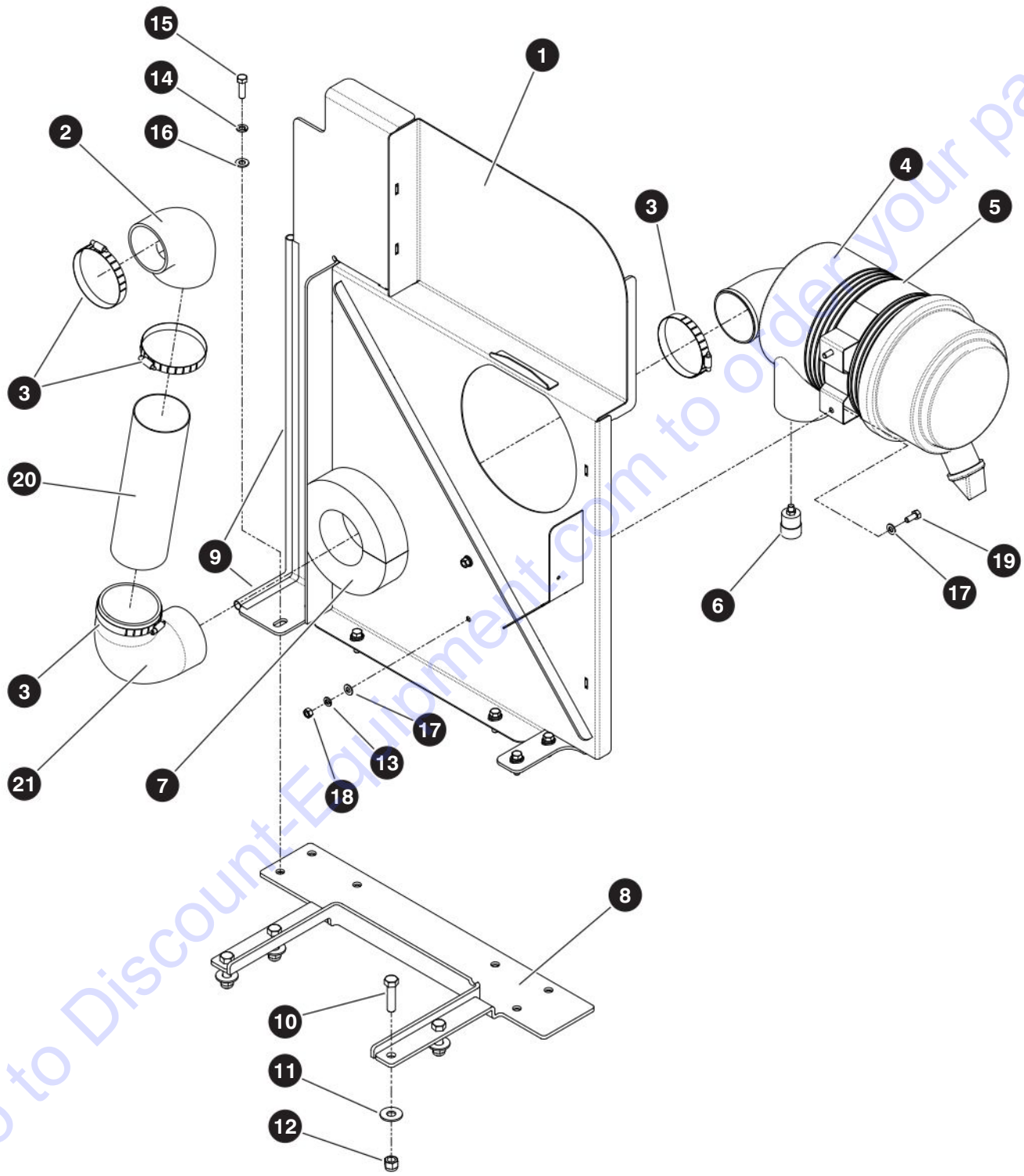
SJ85AJ

SKYJACK

6.4 Engine - Deutz D2011

Index No.	Skyjack Part No.	Qty.	Description
-	198293	1	DEUTZ D2011 ENGINE ASSEMBLY
1	167739	1	• ENGINE, Diesel (Deutz D2011)
	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
	151769	1	• • EXHAUST, Silencer
	151770	1	• • V-BELT, Narrow
	147071	1	• • FILTER, Fuel
	147072	1	• • FILTER, Oil
	157659	1	• • DIPSTICK
	168055	1	• • SOLENOID, Fuel
	168365	1	• • ALTERNATOR
	168366	1	• • SWITCH, Oil temperature
	168367	1	• • SENDER, Temperature
	194074	1	• • HARNESS, Starter
	194225	1	• • WIRE, Starter
	151770	1	• • BELT, Alternator
2	138725	1	• • ECU
3	(Ref.)	1	• COUPLING ASSEMBLY, Engine (For components, refer to 6.13 Engine Coupling - Deutz)
4	144129	4	• CLIP, Single
5	148472	1	• HARNESS, Glow plug
	138844	1	• • RELAY, 80A 12V
	138848	1	• • FUSE, 50A
6	198413	1	• STACK, Exhaust
7	148377	2	• CLAMP, Exhaust pipe (2")
8	198294	1	• TAILPIPE
9	103472	3	• WASHER, Flat (0.375")
10	111420	4	• BOLT, Hex head (0.50"-13 x 4.50" Grade 5)
11	104379	8	• WASHER, Flat hardened (0.50")
12	138791	4	• NUT, Torque lock (0.50"-13 Grade C)
13	198416	1	• DEFLECTOR, Air
14	133232	2	• WASHER, Flat (M8)
15	116218	2	• WASHER, Lock (M8)
16	133174	2	• BOLT, Hex head (M8 1.25mm x 20mm Grade 8.8)
17	103995	12	WASHER, Flat (0.25")
18	103858	8	BOLT, Hex head (0.25"-20 x 1.25" gr 5)
19	198477	1	BRACKET, ECM mounting
20	115649	4	NUT, Lock (0.25"-20 gr 5)

6.5 Air Intake - Deutz D2011



M198293AB-2

210340AE

172

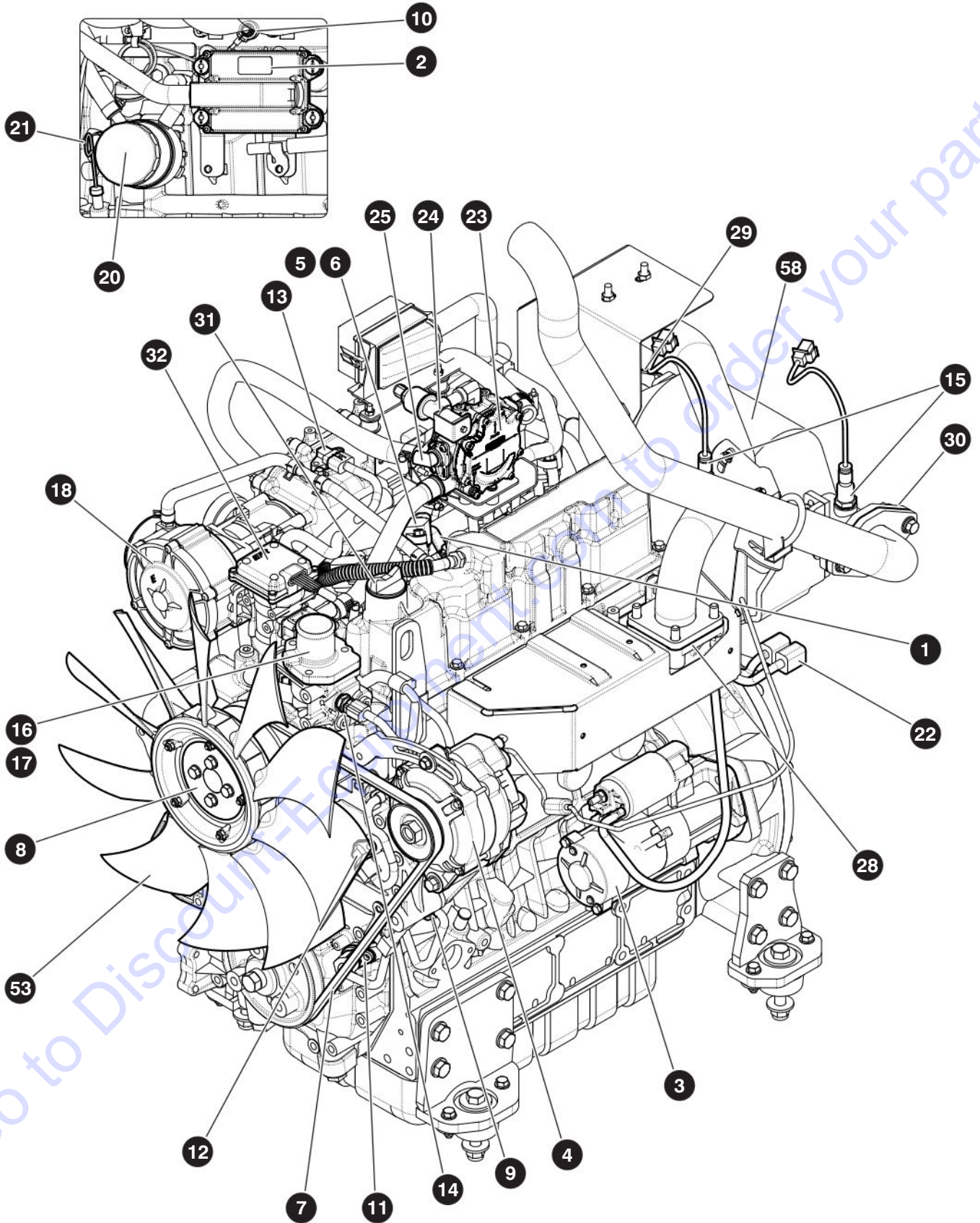
SJ85AJ

SKYJACK

6.5 Air Intake - Deutz D2011

Index No.	Skyjack Part No.	Qty.	Description
1	198414	1	• BAFFLE, Engine weldment
2	138508	1	• ELBOW, 90° Reducer (Air intake)
3	138665	4	• CLAMP, Gear (SAE No. 56)
4	703312	1	• AIR CLEANER, Engine
	704560	1	• • FILTER, Primary
	706549	1	• • FILTER, Secondary
5	703315	1	• BAND, Air cleaner mounting
6	139091	1	• INDICATOR, Air restriction
7	148368	24"	• FOAM, (2" x 2")
8	166657	1	• BRACKET, Baffle
9	149357	40"	• SEAL, Bulb
10	103904	4	• BOLT, Hex head (0.50"-13 x 2" Grade 5)
11	137241	4	• WASHER, Flat (0.50")
12	702507	4	• NUT, Hex nylon lock (0.50"-13 Grade 5)
13	103404	2	• WASHER, Lock (0.312")
14	103999	6	• WASHER, Lock (0.375")
15	101297	6	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
16	125959	6	• WASHER, Flat hardened (0.375")
17	103996	4	• WASHER, Flat (0.3125")
18	100397	2	• NUT, Hex head (0.3125"-18 Grade 5)
19	103887	2	• BOLT, Hex head (0.3125"-18 x 0.75" Grade 5)
20	168744	1	• TUBE, Air intake (3.5" OD x 11.5" lg)
21	168743	1	• ELBOW (3.5" x 3.5" x 90 °)

6.6 Engine - Kubota WG3800



M197681AB-1

210340AE

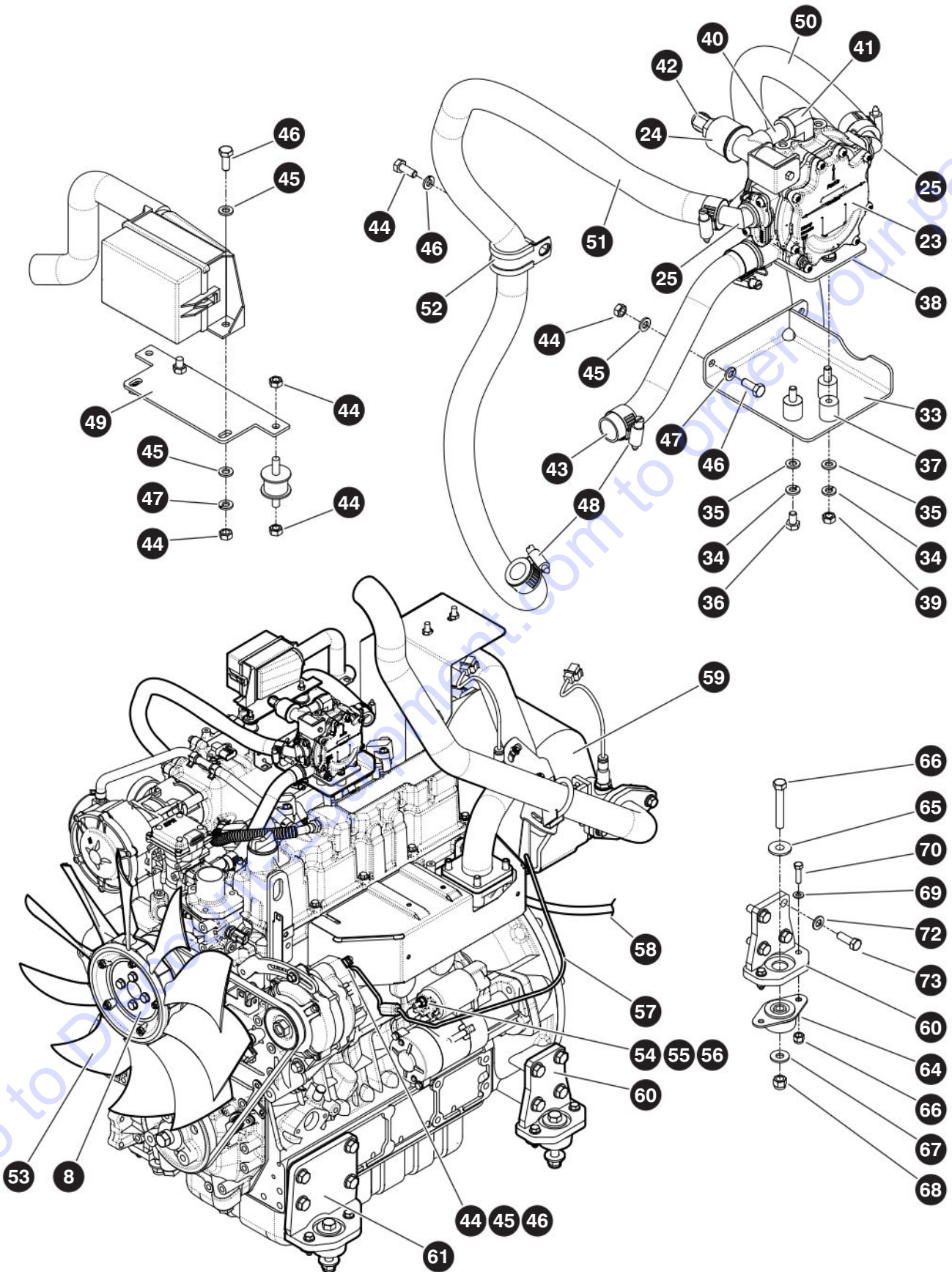
174

SJ85AJ

SKYJACK

6.6 Engine - Kubota WG3800

Index No.	Skyjack Part No.	Qty.	Description
-	197681	1	ENGINE ASSEMBLY - Kubota WG3800
-	197682	1	• ENGINE DUAL FUEL KUBOTA WG3800
1	212017	4	• • INJECTOR
2	212018	1	• • ECU
3	212002	1	• • STARTER
4	212003	1	• • ALTERNATOR
5	194658	4	• • SPARK PLUG
6	212023	1	• • COIL, Ignition
7	212004	1	• • BELT, Fan
8	212006	1	• • PULLEY, Fan
9	194647	1	• • SWITCH, Oil
10	212010	1	• • SENSOR, Knock
11	212011	1	• • SENSOR, Crank
12	212012	1	• • SENSOR, Cam
13	212013	1	• • SENSOR, TMAP
14	194662	1	• • SENSOR, Water temperature
15	164880	2	• • SENSOR, O2
16	212020	1	• • THERMOSTAT
17	212009	1	• • COVER, Thermostat
18	212014	1	• • MIXER
19	212005	1	• • SCREEN, Oil pump pickup (not shown)
20	212016	1	• • CARTRIDGE, Oil filter
21	212007	1	• • GAUGE, Oil
22	212019	1	• • WIRE HARNESS
23	212022	1	• • REGULATOR, Propane
24	164889	1	• • VALVE, Lockoff
25	164888	2	• • CONNECTOR, LP regulator
26	164881	1	• • PUMP, Fuel (located by fuel tank)
27	136118	1	• • PRE-FILTER, Fuel (located by fuel tank)
28	212021	1	• • GASKET, Muffler
29	164885	1	• • GASKET, Muffler (CAT inlet)
30	165886	1	• • GASKET, Muffler (CAT outlet)
31	212015	1	• • PLUG, Oil filler
32	194699	1	• • REGULATOR (EPR)
			Parts list continued on the next page.

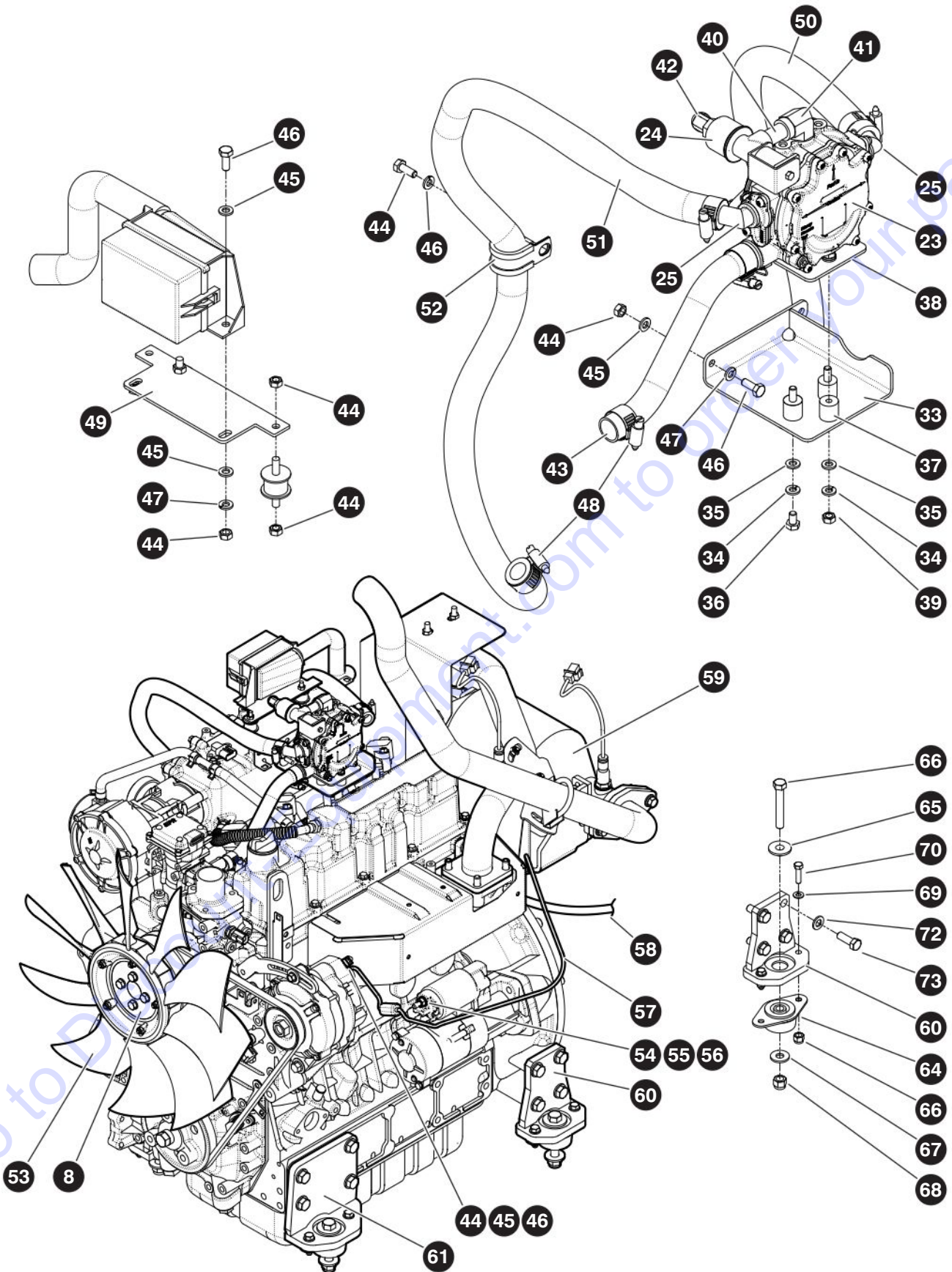


M197681AC-2

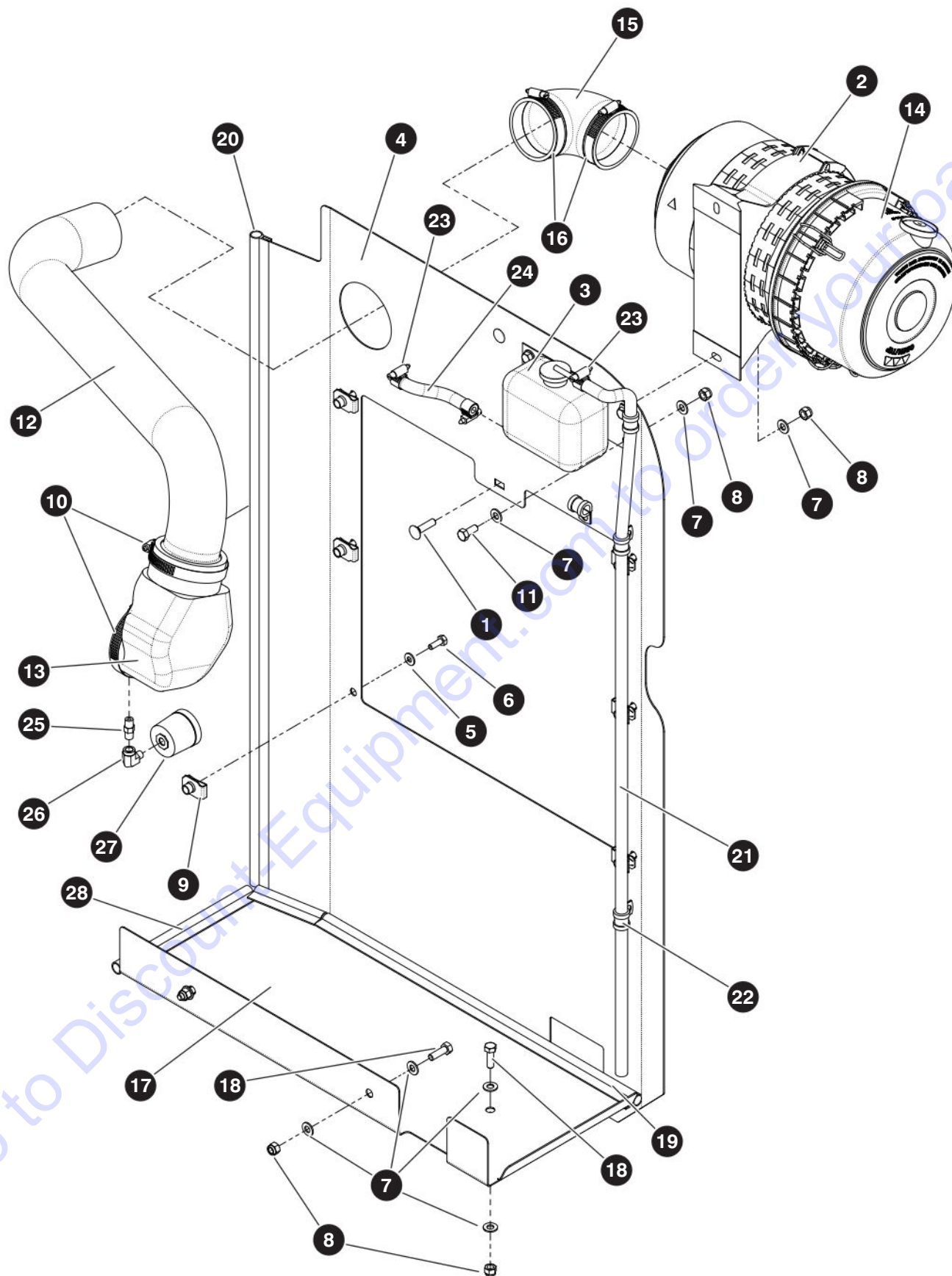
210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
-	198182	1	• KUBOTA WG3800 ENGINE ACCESSORIES
-	212496	1	• • VAPORIZER ASSEMBLY
33	212476	1	• • • BRACKET, Vaporizer
34	121758	4	• • • WASHER, Lock (M6)
35	933834	4	• • • WASHER, Flat (M6)
36	600723	3	• • • BOLT, Hex head cap screw (M6-1.0 x 10 gr 8.8)
37	165927	3	• • • MOUNT, Vibration damping (M6)
38	170399	1	• • • PLATE, Vaporizer
39	800354	1	• • • NUT, Hex (M6)
40	143478	1	• • • FITTING, Nipple (04NPTM - 2 LG brass)
41	103164	1	• • • FITTING, 90° (04 NPTF - 04 NPTM brass)
42	103159	1	• • • FITTING, 45° (06JICM-04NPTM brass)
43	165930	11"	• • HOSE, Vapor (0.375")
44	800354	7	• • NUT, Hex (M6)
45	933834	5	• • WASHER, Flat (M6)
46	104608	5	• • BOLT, Hex head patch (M6-1.00 x16.00 mm gr 5)
47	121758	8	• • WASHER, Lock (M6)
48	103320	6	• • CLAMP, Gear (SAE #16)
49	198424	1	• • PLATE, Fuse box
50	925229	25"	• • HOSE, Bulk (0.625")
51	925229	30"	• • HOSE, Bulk (0.625")
52	168707	1	• • CLAMP, Loop - cushioned (#16)
53	198400	1	• • FAN, Multiwing
54	116218	1	• • WASHER, Lock (M8)
55	121059	1	• • NUT, Hex head (M8-1.25 gr 5)
56	933832	1	• • WASHER, Flat (M8)
57	198347	1	• • HARNESS, Alternator
	165031	1	• • • FUSE, Bolt-down - 100A
58	198346	1	• • HARNESS, Power relay
59	(Ref.)	1	• EXHAUST ASSEMBLY (For components, refer to 6.9 Exhaust - Kubota WG3800)
-	197690	1	• ENGINE MOUNTS ASSEMBLY
60	198144	1	• • MOUNT, Rear left
61	198152		• • MOUNT, Front left
62	198153	1	• • MOUNT, Front right (not shown)
63	198095	1	• • MOUNT, Rear right (not shown)
64	163028	4	• • MOUNT, Vibration
			Parts list continued on the next page.



Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
65	163200	4	• • WASHER, Snubbing
66	103469	4	• • BOLT, Hex head (0.50"-13 x 3.25" gr 5)
67	104379	4	• • WASHER, Flat (0.50")
68	702507	4	• • NUT, Lock (0.50-13 gr C)
69	103996	8	• • WASHER, Flat (0.31")
70	157771	8	• • BOLT, Hex head cap screw (0.3125"-18 x 1.25" gr 5)
71	103984	8	• • NUT, Lock (0.31"-18 gr B)
72	933817	16	• • WASHER, Flat (M12)
73	166767	16	• • BOLT, Hex head (M12 x 1.25 x 35 mm gr 8.8)



M197798AD

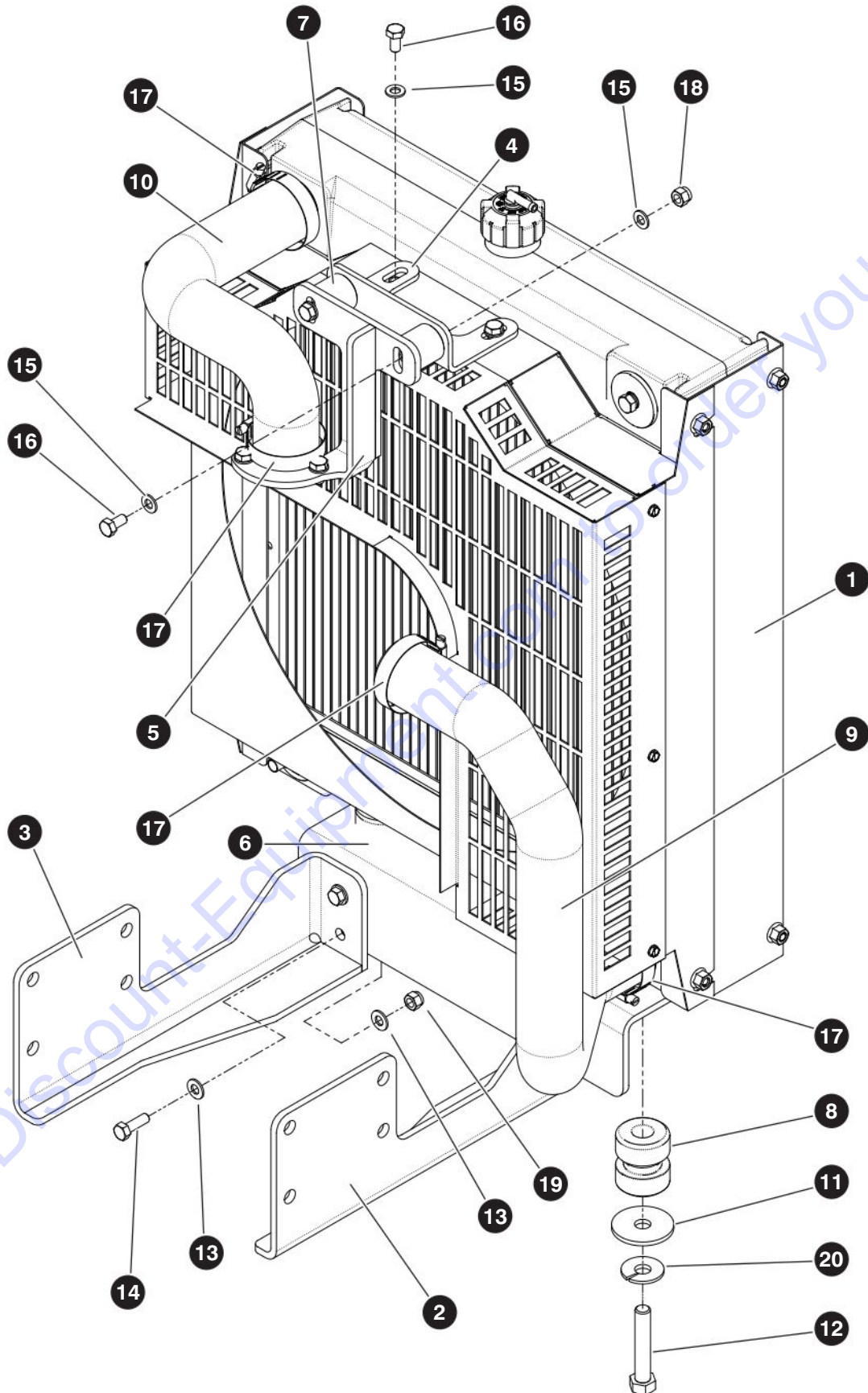
210340AE

180

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	197798	1	AIR INTAKE, Kubota WG3800
1	106049	2	• BOLT, Carriage (0.3125"-18 x 1.25" gr 5)
2	163245	1	• BRACKET, Air cleaner
3	147142	1	• RESERVOIR, Coolant
4	198409	1	• PLATE, Shroud
5	103995	6	• WASHER, Flat (0.25")
6	103856	6	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
7	103996	16	• WASHER, Flat (0.31")
8	103984	9	• NUT, Lock (0.31"-18 gr B nylon)
9	149496	6	• NUT, Speed clip (0.25"-20)
10	198177	2	• CLAMP, Hose (2.8"-3.75")
11	103887	4	• BOLT, Hex head (0.312"-18 x 0.75" gr 5)
12	198408	1	• PIPE, Air intake
13	932937	1	• ELBOW
14	163243	1	• AIR CLEANER - E300
	165949	1	• • ELEMENT, Primary
	165950	1	• • ELEMENT, Secondary
	194405	1	• • CAP, Air cleaner
15	163248	1	• CONNECTOR, 90°
16	163193	2	• CLAMP, Gear (2.063" - 3.00")
17	198410	1	• BAFFLE, Extension
18	103864	3	• BOLT, Hex head (0.31"-18 x 1.00" gr 5)
19	137625	26"	• TRIM, Rubber
20	137625	36"	• TRIM, Rubber
21	102984	35"	• HOSE (0.3125")
22	149495	2	• CLAMP, Tube - cushioned
23	163521	3	• CLAMP, Gear (0.625")
24	102984	12"	• HOSE (0.3125")
25	406292	1	• FITTING, Adapter - hex pipe nipple 451
26	139094	1	• FITTING, 90° (1/8NPTM-1/8NPTF)
27	163250	1	• INDICATOR, Service
28	137625	9"	• TRIM, Rubber



M198397AE

210340AE

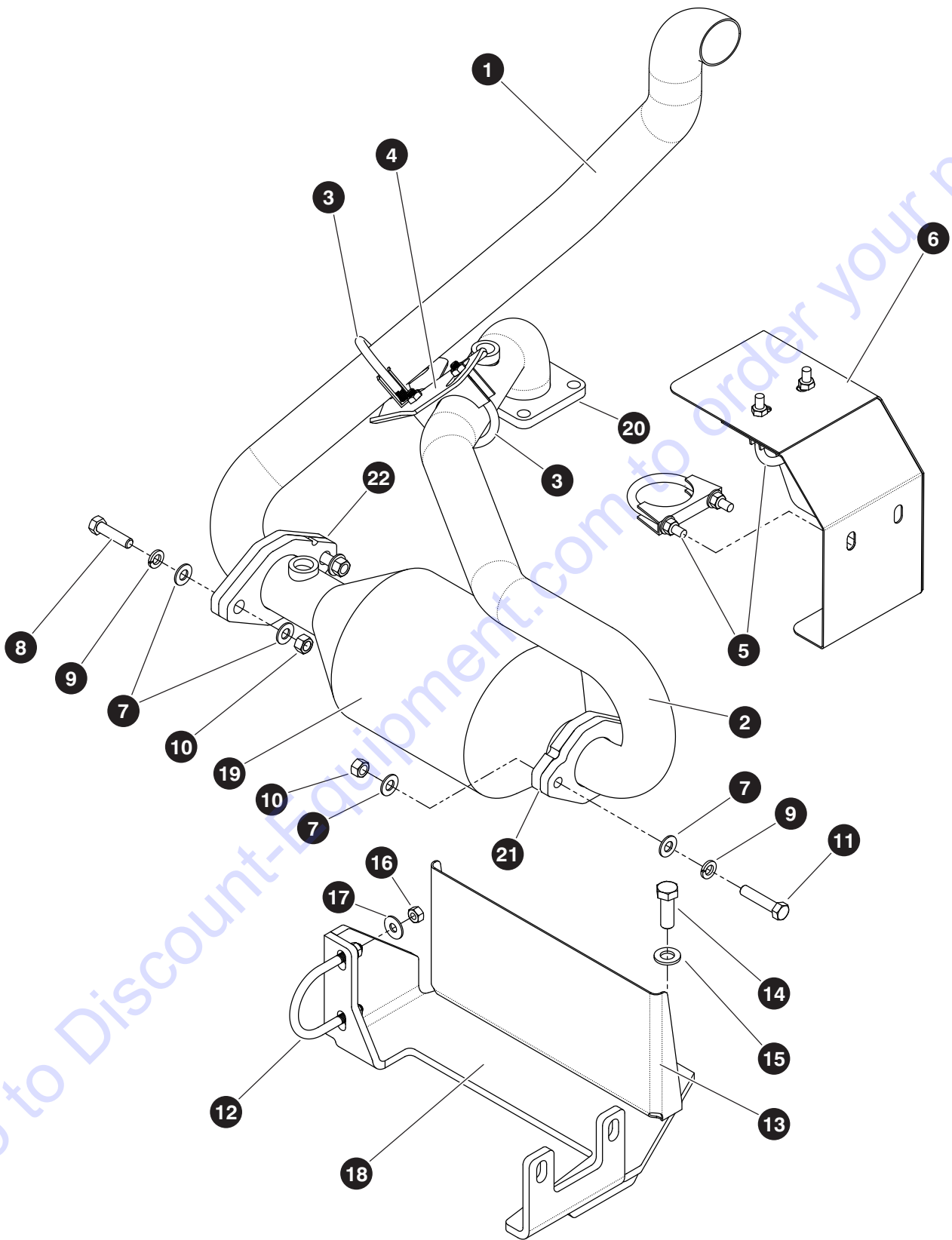
182

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198397	1	ENGINE COOLING PACKAGE, Kubota WG3800
1	198398	1	• RADIATOR
-	198399	1	• MOUNTING KIT, Radiator
2	211873	1	• • LEG, Right front
3	211874	1	• • LEG, Left front
4	198188	1	• • SUPPORT, Upper
5	211875	1	• • SUPPORT, Upper
6	211876	1	• • BRACKET, Cross
7	190430	2	• • ISOLATOR (32 x 32, M8-1.25)
8	190428	2	• • ISOLATOR (46.4 mm x 51.21 mm, 0.50"-13)
9	211877	1	• • HOSE, Lower
10	211878	1	• • HOSE, Upper
11	137241	2	• WASHER, Flat (0.50" style AA)
12	108818	2	• BOLT, Hex head (0.50"-13 x 2.75" gr 5)
13	103996	12	• WASHER, Flat (0.31")
14	103864	4	• BOLT, Hex head (0.31"-18 x 1.00" gr 5)
15	933832	6	• WASHER, Flat (M8-OD 16.0)
16	933660	4	• BOLT, Hex head cap screw (M8-1.25 x 16 gr 8.8)
17	163193	4	• CLAMP, Gear (2.063" - 3.00")
18	933696	2	• NUT, Lock (M8-1.25 nylon)
19	103984	4	• NUT, Lock (0.31"-18 gr B)
20	103470	2	• WASHER, Lock (0.50" x 0.12")

6.9 Exhaust - Kubota WG3800



M198178AB

210340AE

184

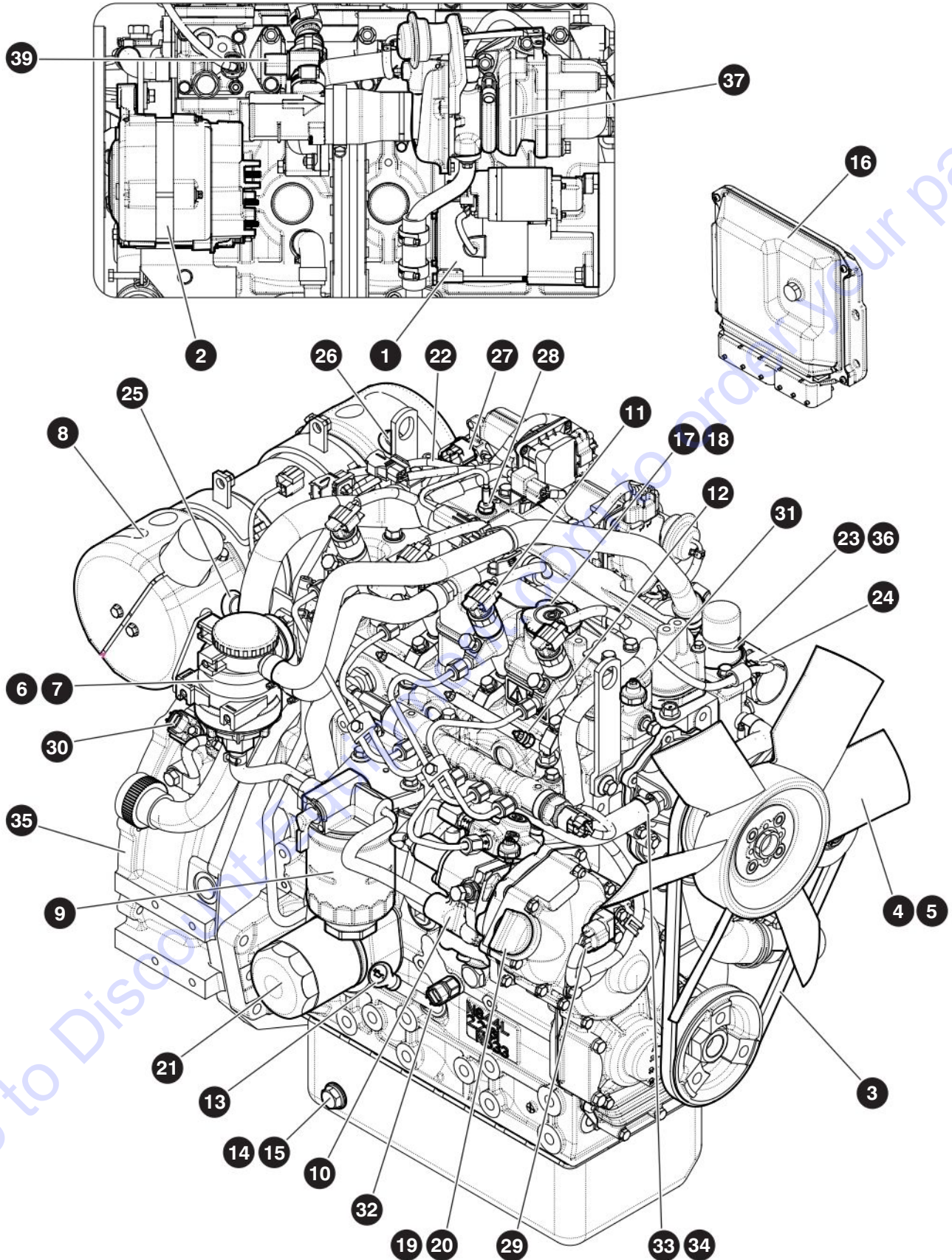
SJ85AJ

SKYJACK

6.9 Exhaust - Kubota WG3800

Index No.	Skyjack Part No.	Qty.	Description
-	198178	1	EXHAUST ASSEMBLY, Kubota WG3800
1	198169	1	• TAILPIPE
2	198166	1	• PIPE, Exhaust
3	136030	2	• CLAMP, Exhaust pipe (1.875" dia)
4	171222	1	• BRACKET, Tail Pipe
5	148377	2	• CLAMP, Exhaust pipe (2.00" dia)
6	198179	1	• SHIELD, Heat
7	103472	8	• WASHER, Flat (0.38" SAE)
8	103870	2	• BOLT, Hex head (0.38"-16 x 1.50" gr 5)
9	103999	4	• WASHER, Lock (0.38")
10	103978	4	• NUT, Hex head (0.38-16 gr 5)
11	103871	2	• BOLT, Hex head (0.375"-16 x 1.75" gr 5)
12	198181	1	• U-BOLT
13	198423	1	• HEATSHIELD, Harness
14	166767	4	• BOLT, Hex head (M12 x 1.25 X 35 mm gr 8.8)
15	933817	4	• WASHER, Flat (M12)
16	100397	2	• NUT, Hex head (0.313"-18 gr 5)
17	166164	2	• WASHER, Flat (0.313")
18	198446	1	• BRACKET, CAT converter
19	197797	1	CONVERTER, Catalytic
20	212021	1	GASKET, Muffler
21	164885	1	GASKET, Muffler (CAT inlet)
22	165886	1	GASKET, Muffler (CAT outlet)

6.10 Engine - Perkins 2.2TA



M196378AC

210340AE

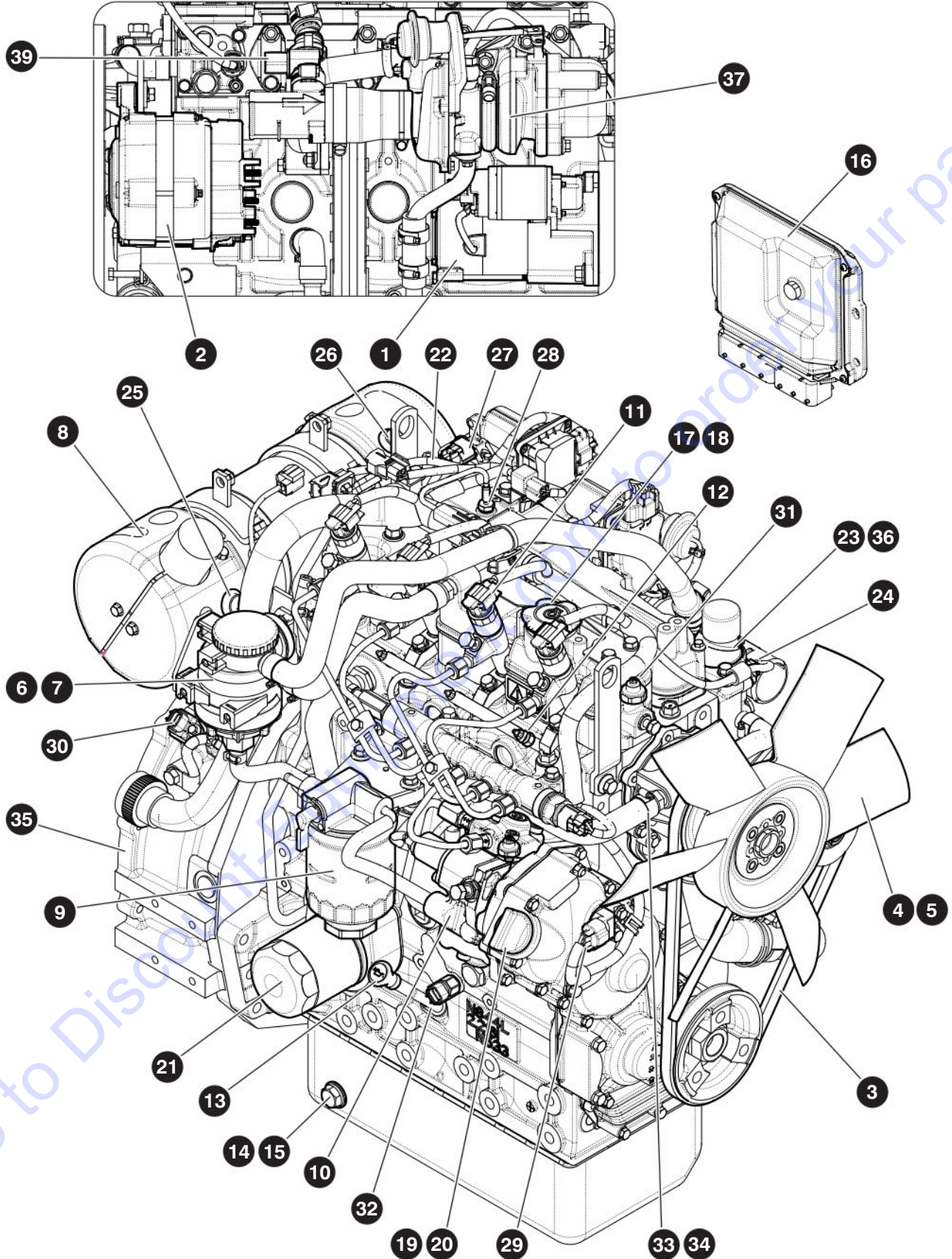
186

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198201	1	PERKINS 2.2TA ENGINE ASSEMBLY - ANSI/CSA
-	196378	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	212837	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
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	212982	1	• • ENGINE WIRING HARNESS
23	212983	1	• • THERMOSTAT
24	212984	1	• • SENSOR, Temperature (water pump)
25	212985	1	• • SENSOR, Temperature (CEM)
26	212986	1	• • SENSOR, Temperature (CEM)
27	212987	1	• • SENSOR, Air pressure
28	212988	1	• • SENSOR, (induction manifold)
29	212989	1	• • SENSOR, Speed (front plate)
30	212990	1	• • SENSOR, Speed (flywheel)
31	212991	1	• • SWITCH, Oil pressure (top)
32	212992	1	• • SWITCH, Oil pressure (side)
			Parts list continued on the next page.

6.10 Engine - Perkins 2.2TA



M196378AC

210340AE

188

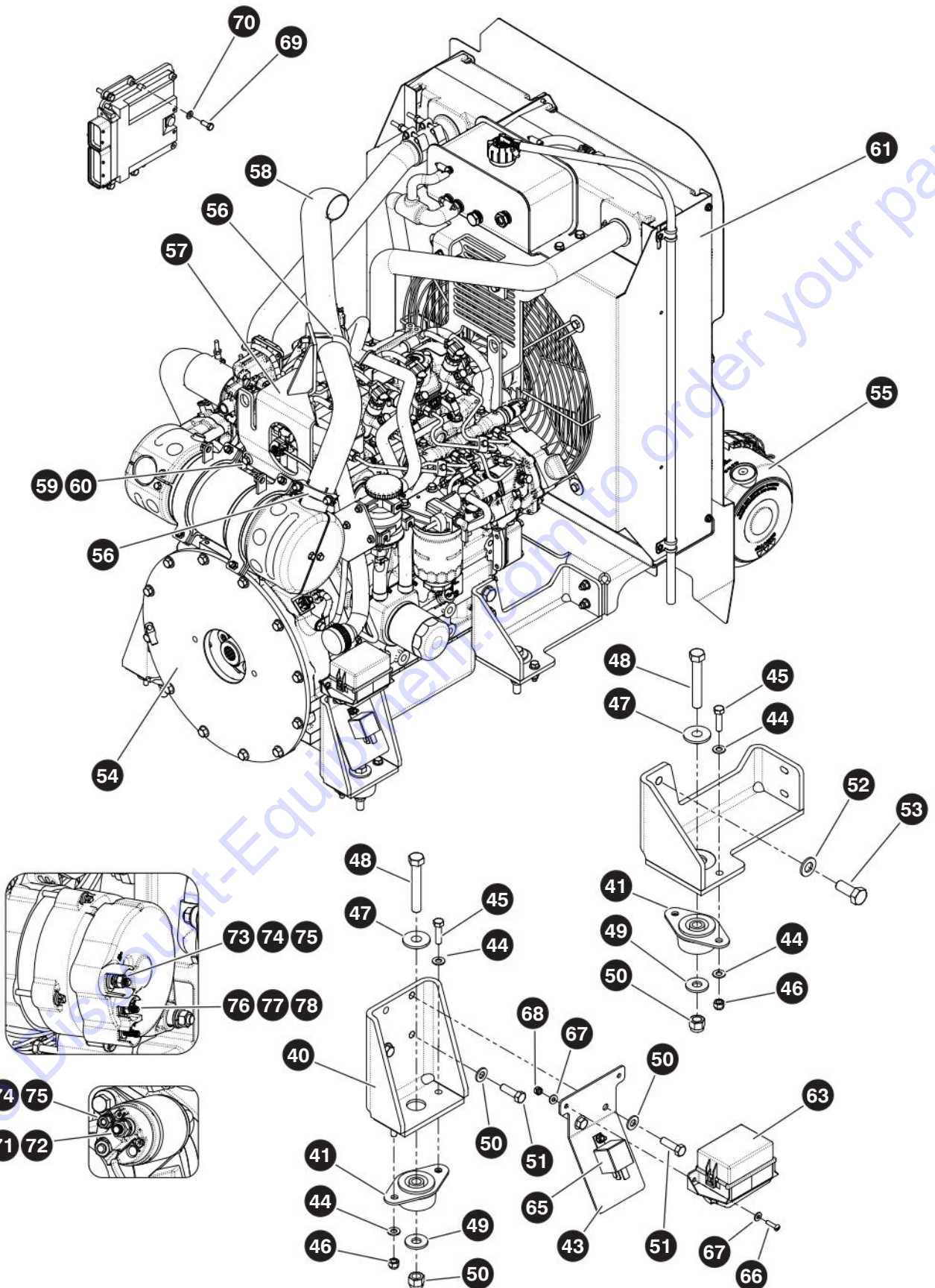
SJ85AJ

SKYJACK

6.10 Engine - Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
33	212993	1	• • WATER PUMP
34	212994	1	• • GASKET, Water pump
35	212995	1	• • RING, Flywheel starter
36	212996	1	• • GASKET, Thermostat housing
37	212997	1	• • TURBOCHARGER KIT
	212998	1	• • • TURBOCHARGER
	212999	1	• • • GASKET, Turbocharger
	213000	2	• • • GASKET, Turbocharger (oil feed pipe)
	213001	1	• • • GASKET, Turbocharger (oil drain pipe)
38	213002	1	• • GASKET, Cylinder head cover (not shown)
39	213003	1	• • HEATER, NOx reduction system
			Parts list continued on the next page.

6.10 Engine - Perkins 2.2TA



M198201AB

210340AE

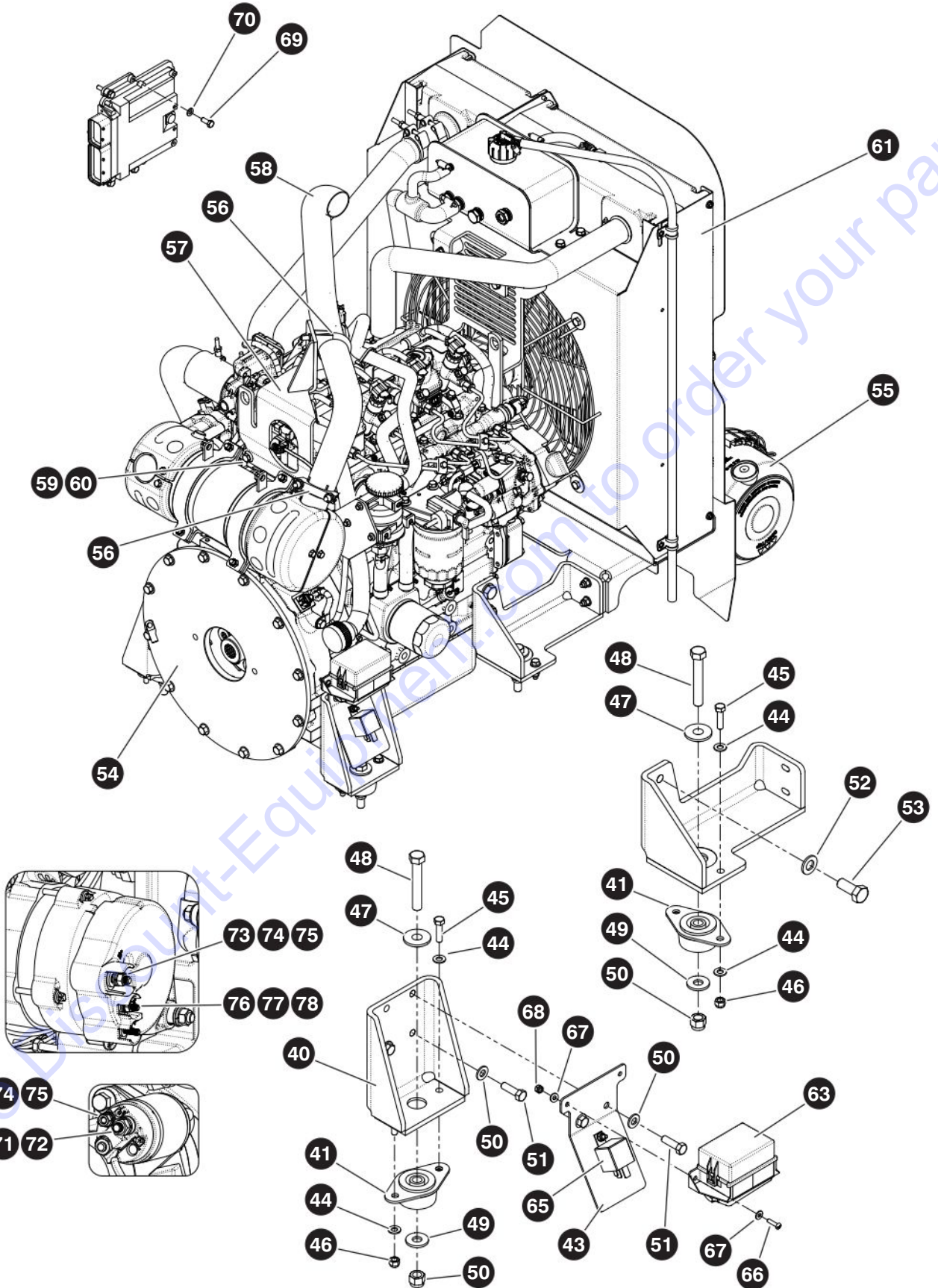
190

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
-	198402	1	• ENGINE MOUNTS ASSEMBLY
40	198202	2	• • MOUNT Engine - rear
41	163028	4	• • MOUNT, Vibration
42	198291	1	• • BRACKET, Fuse box
43	103996	16	• • WASHER, Flat (0.312")
44	112532	8	• • BOLT, Hex head (0.312"-18 x 1.25" gr 5)
45	103984	8	• • NUT, Lock (0.313"-18 gr 5 nylon)
46	163200	4	• • WASHER, Snubbing
47	103469	4	• • BOLT, Hex head 0.50-13 X 3.250 GR5
48	104379	4	• • WASHER, Flat (0.50" hard)
49	702507	4	• • NUT, Lock (0.50"-13 gr C nylon)
50	125959	8	• • WASHER, Flat (0.375" hard)
51	101297	8	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
52	191096	4	• • WASHER, Flat (M14)
53	166821	4	• • BOLT, Hex head (M14 x 1.50 x 35 gr 8.8)
54	(Ref.)	1	• FLYWHEEL COUPLING (For components, refer to 6.15 Engine Coupling - Perkins)
55	(Ref.)	1	• AIR INTAKE ASSEMBLY (For components, refer to 6.11 Air Intake - Perkins 2.2TA)
-	198404	1	• EXHAUST ASSEMBLY
56	148377	2	• • CLAMP, Exhaust pipe (2")
57	198283	1	• • BRACKET, Tail pipe
58	198198	1	• • TAIL PIPE
59	600315	2	• • WASHER, Flat (M10 DIN 125)
60	966340	2	• • BOLT, Hex head cap screw (M10 x 1.5 x 20 mm cl 8.8)
61	(Ref.)	1	• COOLING PACKAGE, Perkins 2.2TA (For components, refer to 6.12 Radiator - Perkins 2.2TA)
62	211427	1	• CABLE, Alternator (not shown)
63	(Ref.)	1	HARNES, Engine interface - Perkins (For components, refer to 7.6 Engine Interface Harness - Perkins 2.2TA)
64	198451	1	HARNES, OEM engine - Perkins (not shown)
65	198407	1	GLOW PLUG ASSEMBLY
	104694	1	• WASHER, Flat (#10)
	104185	1	• WASHER, Lock (#10)
	104003	1	• NUT, Hex (10-32)
	117696	1	• BOOT, Terminal (not shown)
	198386	1	• HARNES, Glow plug - Perkins
	165029	1	• • RELAY, 150 a, 12 V, SPST
	198387	1	• • FUSE, Bolt-down - 60 a
			Parts list continued on the next page.

6.10 Engine - Perkins 2.2TA



M198201AB

210340AE

192

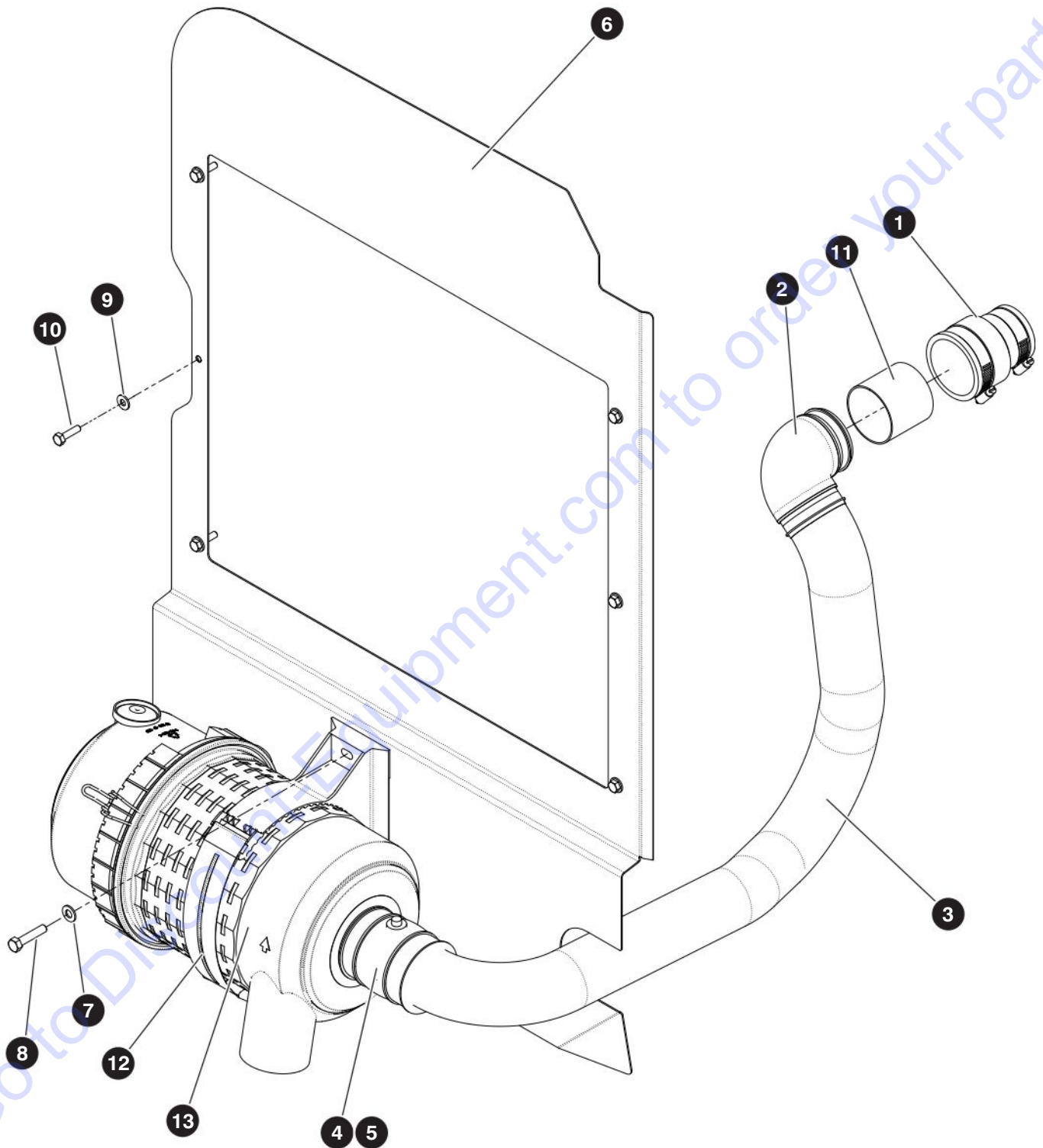
SJ85AJ

SKYJACK

6.10 Engine - Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
66	138834	2	SCREW, Round head machine (10-24 x 0.75")
67	104694	4	WASHER, Flat (#10)
68	126642	2	NUT, Lock (10-24)
69	103858	4	BOLT, Hex head (0.25"-20 x 1.25" gr 5)
70	103995	4	WASHER, Flat (0.25")
71	116218	1	WASHER, Lock (M8 DIN 127B)
72	121059	1	NUT, Hex head (M8-1.25 DIN 934)
73	133219	2	WASHER, Flat (M6 DIN 125)
74	121758	2	WASHER, Lock (M6 DIN 127B)
75	800354	2	NUT, Hex head (M6-1.00)
76	152351	1	WASHER, Flat (M5 DIN 125)
77	133872	1	NUT, Hex head (M5-0.8)
78	133339	1	WASHER, Lock - external tooth (M5)

6.11 Air Intake - Perkins 2.2TA



M198406AA-2

210340AE

194

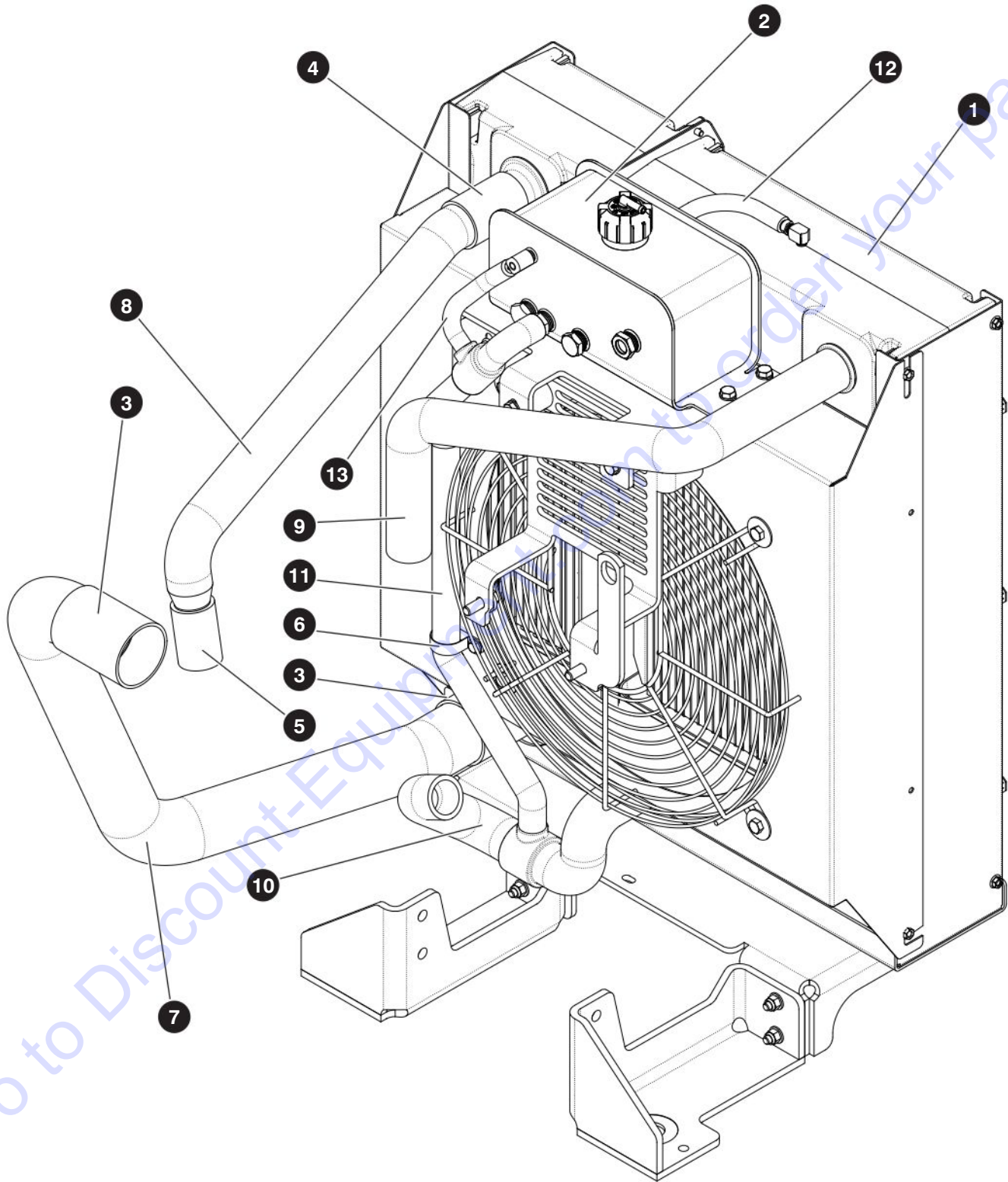
SJ85AJ

SKYJACK

6.11 Air Intake - Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
-	198401	1	AIR INTAKE, Perkins 2.2TA
1	163508	1	• COUPLING, Flex (1.75" - 2.50")
2	163246	1	• CONNECTOR, 90°
3	198295	1	• TUBE, Air intake
4	198447	1	• CONNECTOR, Reducer - with port
5	163193	4	• CLAMP, Gear (2.063" - 3.00")
6	198298	1	• BAFFLE, Air intake
7	103996	2	• WASHER, Flat (0.312" SAE)
8	103886	2	• BOLT, Hex head (0.312"-18 x 1.50" gr 5)
9	103995	6	• WASHER, Flat (0.25")
10	103857	6	• BOLT, Hex head (0.25"-20 x 1.00" gr 5)
11	198435	1	• CONNECTION , Tube
12	163245	1	• BRACKET, Air cleaner
13	163243	1	• AIR CLEANER - EP300
	165949	1	• • • ELEMENT, Primary
	165950	1	• • • ELEMENT, Secondary
	194405	1	• • • CAP, Air cleaner

6.12 Radiator - Perkins 2.2TA



M198406AB-1

210340AE

196

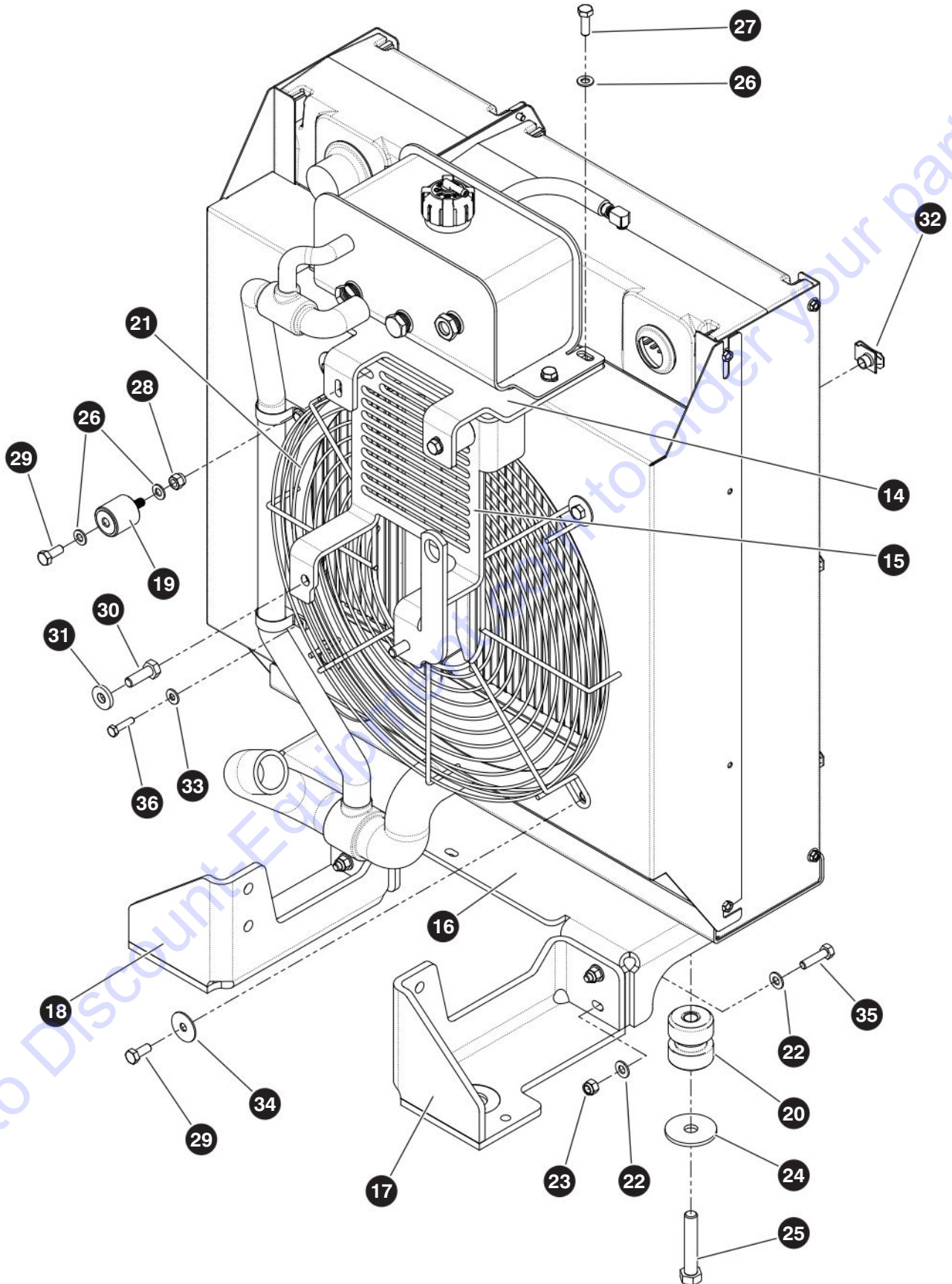
SJ85AJ

SKYJACK

6.12 Radiator - Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
-	198406	1	COOLING PACKAGE - PERKINS 2.2TA
-	204359	1	• COOLING PACKAGE PERKINS 2.2TA
1	211819	1	• • RADIATOR
2	211826	1	• • TANK, Degas
-	211827	1	• • HOSE AND PIPE KIT
-	211828	1	• • • CLAMP & COUPLER KIT
3	211829	2	• • • • COUPLING, CAC (63.5 ID x 88.9)
4	211841	1	• • • • COUPLING, CAC (44.45 ID x 70)
5	211830	1	• • • • COUPLING, CAC (35 ID x 63.5)
6	211831	2	• • • • CLAMP, Tube/hose (31.75 OD)
-	211832	1	• • • HOSE AND PIPE KIT
7	211833	1	• • • • PIPING, CAC (63.5 OD)
8	211834	1	• • • • PIPING, CAC (44.45 x 35.05 mm ID)
9	211835	1	• • • • HOSE, Upper
10	211836	1	• • • • HOSE, Lower
11	211837	1	• • • • HOSE, Return
12	211838	1	• • • • HOSE, Fill
13	216442	1	• • • • HOSE, Vent
			Parts list continued on the next page.

6.12 Radiator - Perkins 2.2TA



M198406AA-2

210340AE

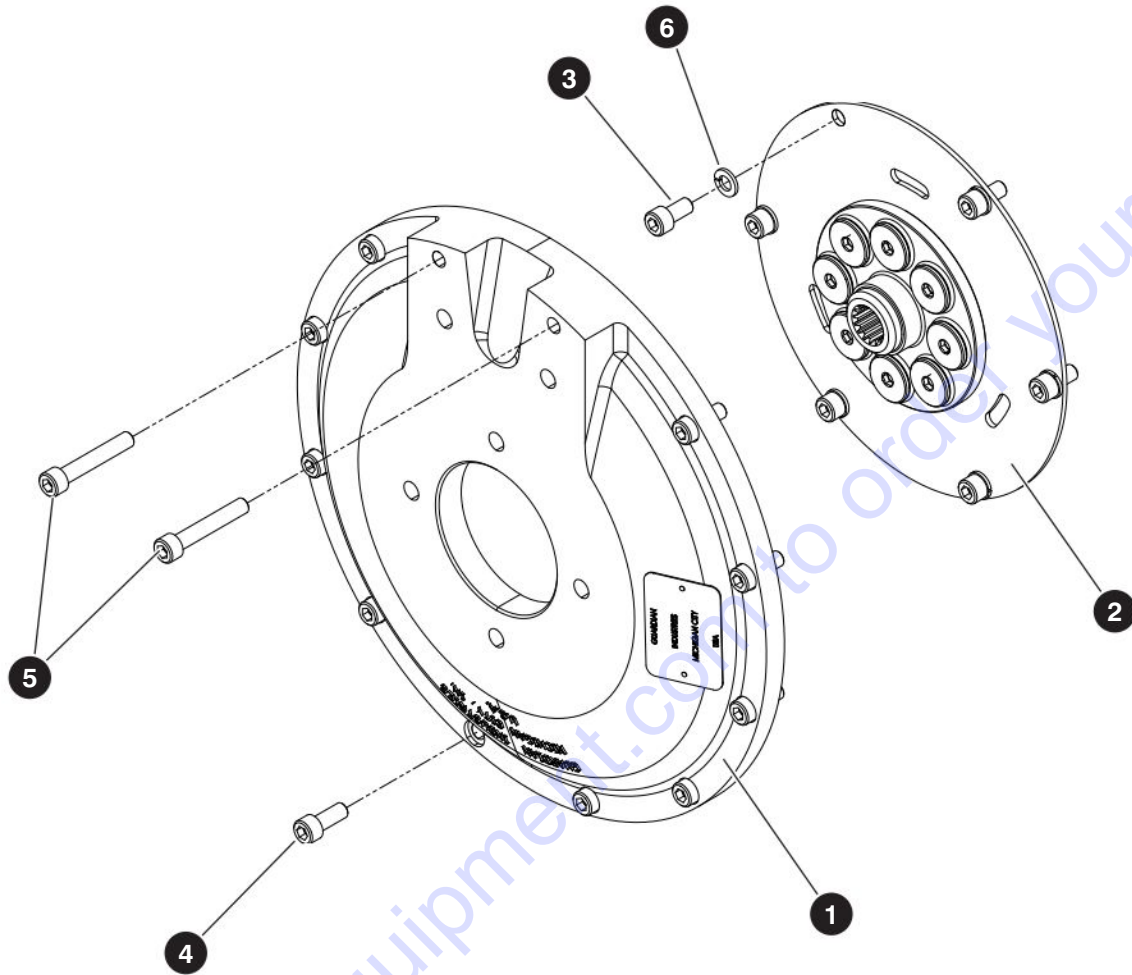
198

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
-	211820	1	• • BRACKET KIT
14	211821	1	• • • MOUNT, Upper
15	211822	1	• • • MOUNT, Upper
16	211823	1	• • • BRACKET, Cross
17	211824	1	• • • LEG, Front
8	211825	1	• • • LEG, Front
19	190430	2	• • • ISOLATOR, 32 x 32, M8-1.25
20	190428	2	• • • ISOLATOR, 46.4 mm, 51.21 mm, 0.50"-13
21	163394	1	• GUARD, Fan (17")
22	103996	8	• WASHER, Flat (0.312" SAE)
23	103984	5	• NUT, Lock (0.313"-18 gr 5 nylon)
24	212939	2	• WASHER, Flat (0.50" hard)
25	108818	2	• BOLT, Hex head (0.50"-13 x 2.75" gr 5)
26	933832	8	• WASHER, Flat (M8 - OD 16.0)
27	133869	4	• BOLT, Hex head (M8-1.25 x 25 gr 8.8)
28	933696	2	• NUT, Lock (M8-1.25 nylon)
29	133174	6	• BOLT, Hex head (M8-1.25 x 20 gr 8.8)
30	933640	2	• BOLT, Hex head (M10 x 1.5 x 20 mm gr 8.8)
31	600315	2	• WASHER, Flat (M10 DIN 125)
32	149496	6	• NUT, Speed clip (0.25"-20)
33	103995	2	• WASHER, Flat (0.25")
34	207341	4	• WASHER, Flat (0.312" x 1.25" fender)
35	157771	4	• BOLT, Hex head (0.312"-18 x 1.25" gr 5)
36	933627	2	• BOLT, Hex head (M6 x 1 x 25 mm gr 8.8)

6.13 Engine Coupling - Deutz



M168043AA

Index No.	Skyjack Part No.	Qty.	Description
-	168043	1	ENGINE COUPLING ASSEMBLY - Deutz D2011 and TD2.9L
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)

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Discount-Equipment.com is your online resource for quality parts & equipment.

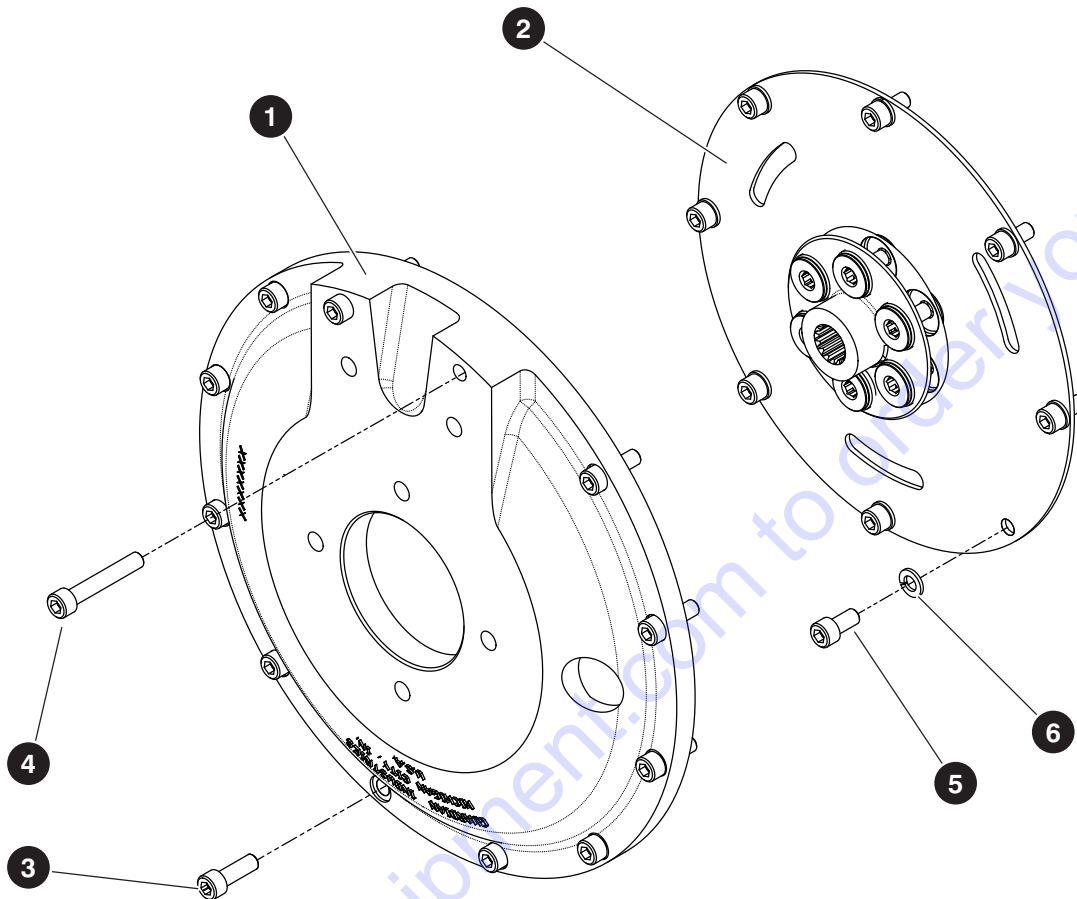
Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

6.14 Engine Coupling - Kubota



M198176AB

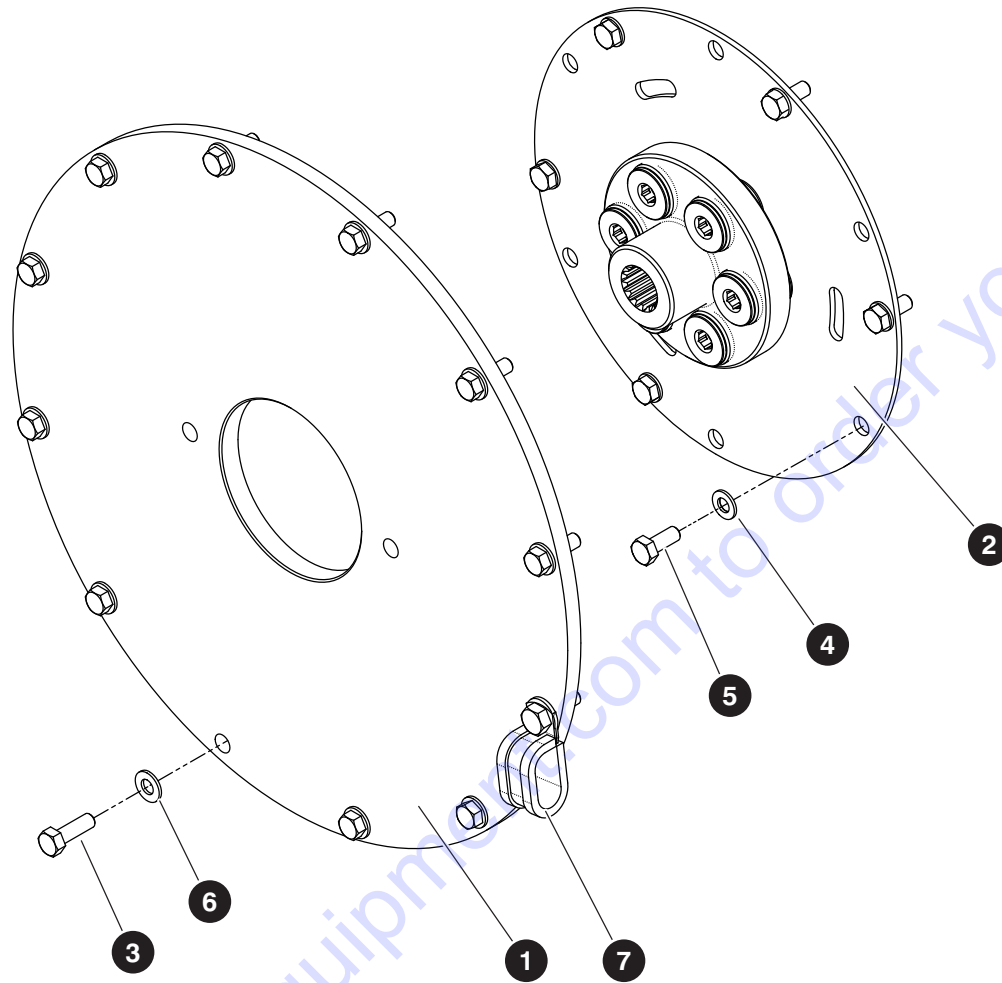
Index No.	Skyjack Part No.	Qty.	Description
-	198176	1	ENGINE COUPLING ASSEMBLY - Kubota WG3800
-	197697	1	• BELL HOUSING
1	211815	1	• • HOUSING
2	211816	1	• • COUPLING, Flywheel
3	198180	10	• BOLT, Socket head cap screw (M10 x 1.25 x 30 mm, gr 12.9)
4	198422	2	• BOLT, Socket head cap screw (M10 x 1.25 x 60 mm, gr 12.9)
5	198421	8	• BOLT, Socket head cap screw (M10 x 1.25 x 20 mm, gr 12.9)
6	132497	8	• WASHER, Lock (M10)

SJ85AJ

SKYJACK

210340AE

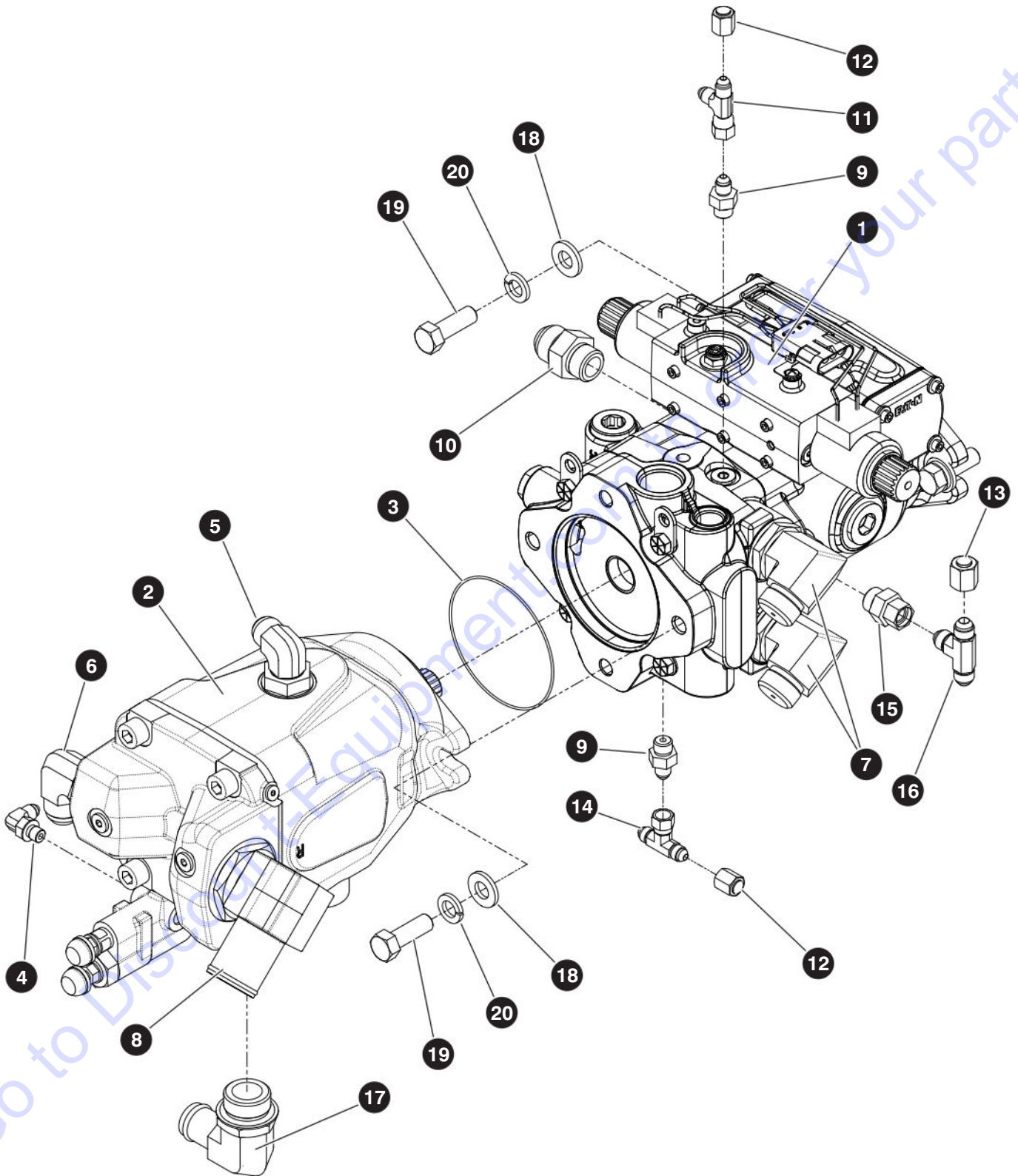
201



M198403AE

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)
7	103078	1	• CLAMP, LOOP CUSHION DOUBLE G10

6.16 Drive & System Pumps



M198442AA

210340AE

204

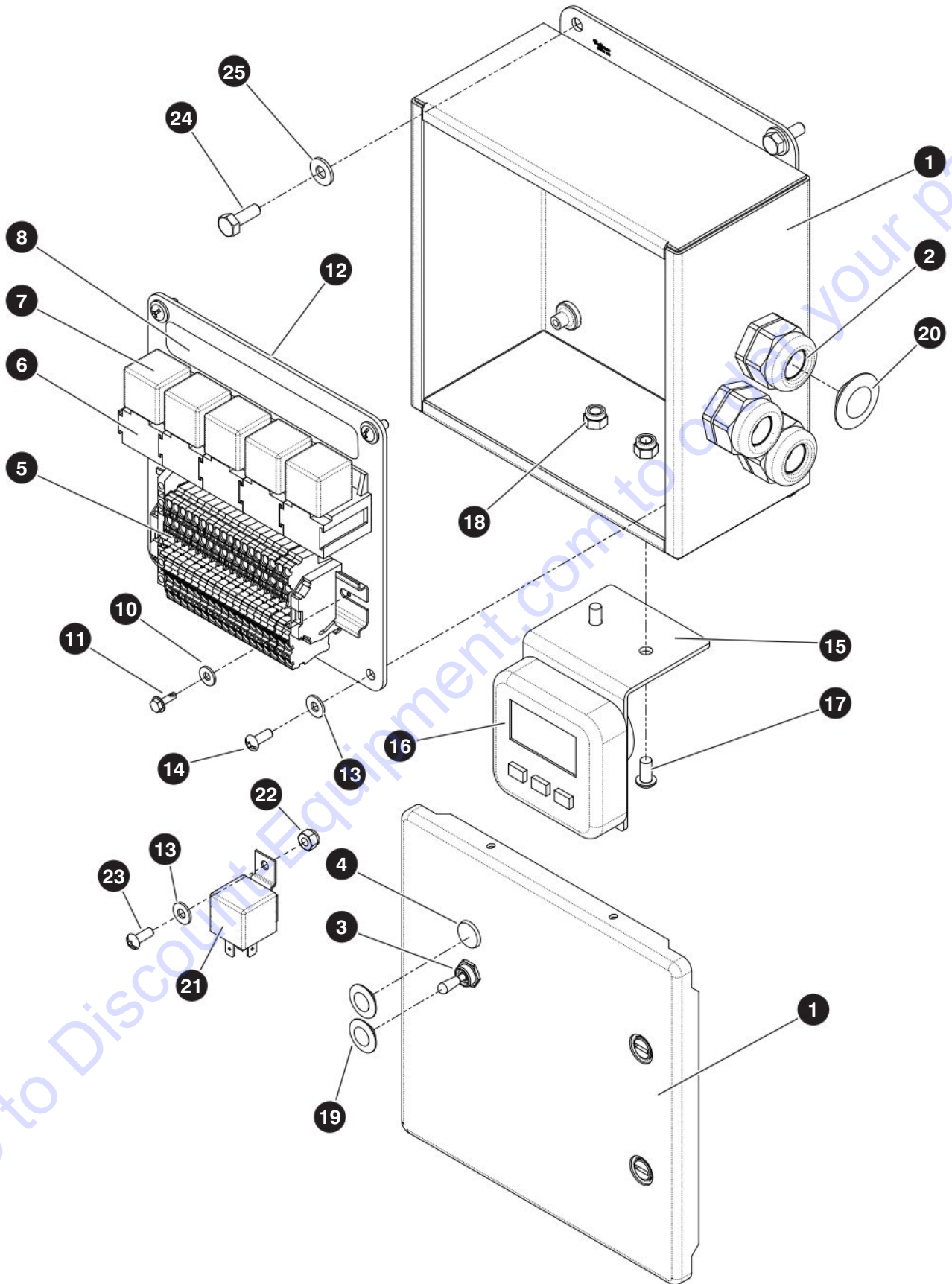
SJ85AJ

SKYJACK

6.16 Drive & System Pumps

Index No.	Skyjack Part No.	Qty.	Description
A	198442	1	DRIVE & SYSTEM PUMPS - Deutz TD2.9L, Deutz D2011, Perkins 2.2TA
B	165491	1	DRIVE & SYSTEM PUMPS - Kubota WG3800
1	169006	1	• PUMP, Hydrostatic - 40.6 cc
	170926	1	• • SHIM
	170952	1	• • O-RING
	170953	1	• • SPRING
	170954	1	• • PLUG
	170955	1	• • POPPET
	209333	1	• • CONTROL UNIT, Servo
2	165101	1	• PUMP, Main Function - 49.22 cc
3	159878	1	• O-RING (2-045)
4	125883	1	• FITTING, 90° (04JICM-04ORBM)
5	138981	1	• FITTING, 90° (10JICM-12ORBM)
6	710124	1	• FITTING, 90° (12JICM-16ORBM), A
	707040	1	• FITTING, 90° (16JICM-16ORBM), B
7	167067	2	• FITTING, 90° (12FSM-16ORBM)
8	165484	1	• FITTING, 90° (24BEAD-24ORBM)
9	701956	2	• FITTING, Straight (04JICM-06ORBM)
10	702118	1	• FITTING, Straight (12JICM-12ORBM)
11	707917	1	• FITTING, Tee (04JICM-04JICM-04JICFS)
12	131286	2	• FITTING, Cap (04JICF)
13	107666	1	• FITTING, Cap (06JICF)
14	160792	1	• FITTING, Branch tee (04JICFS-04JICM-04JICM)
15	162043	1	• FITTING, Straight (06JICFS-08ORBM)
16	131704	1	• FITTING, Tee (06JICM-06JICM-06JICM)
17	138983	1	• FITTING, 90° (16BEAD-16ORBM)
18	104379	4	• WASHER, Flat (0.50" Hard)
19	103907	4	• BOLT, Hex head (0.50"-13 x 1.50" gr 5)
20	103470	4	• WASHER, Lock (0.50" gr 5)

6.17 Engine Controls



M198229AC

210340AE

206

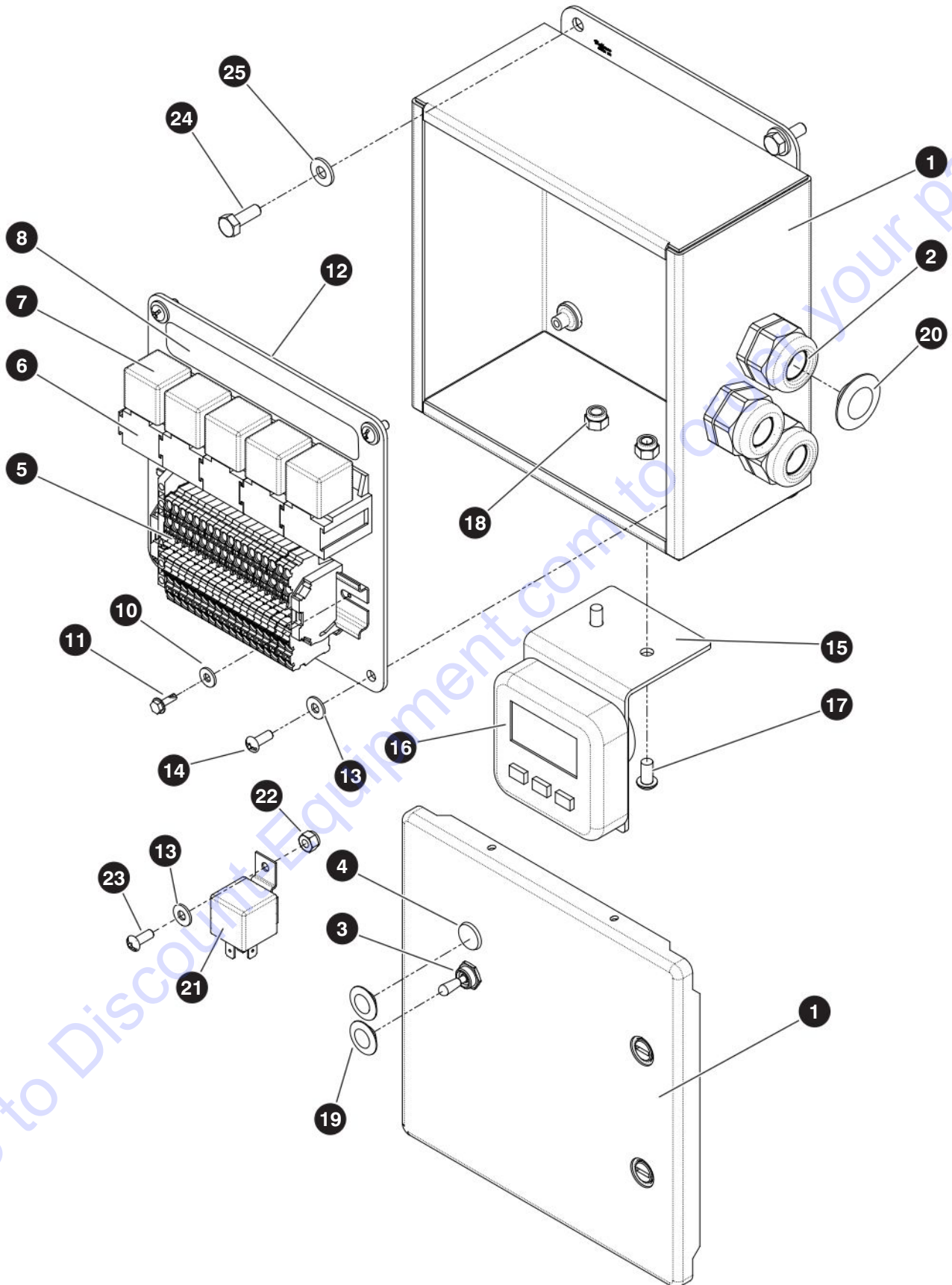
SJ85AJ

SKYJACK

6.17 Engine Controls

Index No.	Skyjack Part No.	Qty.	Description
A	198136	1	ENGINE CONTROLS, Deutz TD2.9L
B	198395	1	ENGINE CONTROLS, Deutz D2011
C	198213	1	ENGINE CONTROLS, Kubota WG3800
D	198253	1	ENGINE CONTROLS, Perkins 2.2TA
1	197688	1	• ENCLOSURE
2	116266	3	• STRAIN RELIEF, PG21, A, D
	116266	2	• STRAIN RELIEF, PG21, B, C
3	102853	1	• SWITCH, Toggle (1NT1-7), A, B
4	171502	1	• LIGHT, Indicator - 14 V amber, A, B
5	198099	1	• TERMINAL STRIP, Engine controls (For components, refer to 6.18 Terminal Strip - Engine Controls)
6	137849	5	• SOCKET, Relay, A, B
	137849	1	• SOCKET, Relay, C
	137849	4	• SOCKET, Relay, D
7	127131	5	• RELAY, 12V 40 amp, A, B
	127131	1	• RELAY, 12V 40 amp, C
	127131	4	• RELAY, 12V 40 amp, D
8	198137	1	• LABEL, Relay - engine control, A
	198393	1	• LABEL, Relay - engine control, B
	198218	1	• LABEL, Relay - engine control, C
	198255	1	• LABEL, Relay - engine control, D
9	198135	1	• WIRING, Engine control (not shown), A
	198392	1	• WIRING, Engine control (not shown), B
	198212	1	• WIRING, Engine control (not shown), C
	198252	1	• WIRING, Engine control (not shown), D
	163021	1	• RESISTOR, 120 ohm 1/2 watt axial lead, A, D
	164858	1	• RESISTOR, 2.1 K 1/2 watt axial lead, A
	164859	1	• RESISTOR, 2.2 K 1/2 watt axial lead, A
	164857	1	• RESISTOR, 3.9 K 1/2 watt axial lead, A
	143952	1	• RESISTOR, 51 ohm 2 watt axial lead, B
10	103991	4	• WASHER, Flat (#8)
11	112327	4	• BOLT, Self-tapping (#8-18 x 0.50")
12	198436	1	• BACKPLATE
13	104694	4	• WASHER, Flat (#10), A, C, D
	104694	5	• WASHER, Flat (#10), B
14	103962	4	• SCREW, Round head machine (10-32 x 0.50")
15	198215	1	• BRACKET, Engine display, C, D
16	166739	1	• DISPLAY, Engine parameter, C, D
17	300060	2	• BOLT, Button head cap screw (0.25"-20 x 0.50"), C, D
18	115649	2	• NUT, Lock (0.25"-20 x gr 5 nylon)

6.17 Engine Controls



M198229AC

210340AE

208

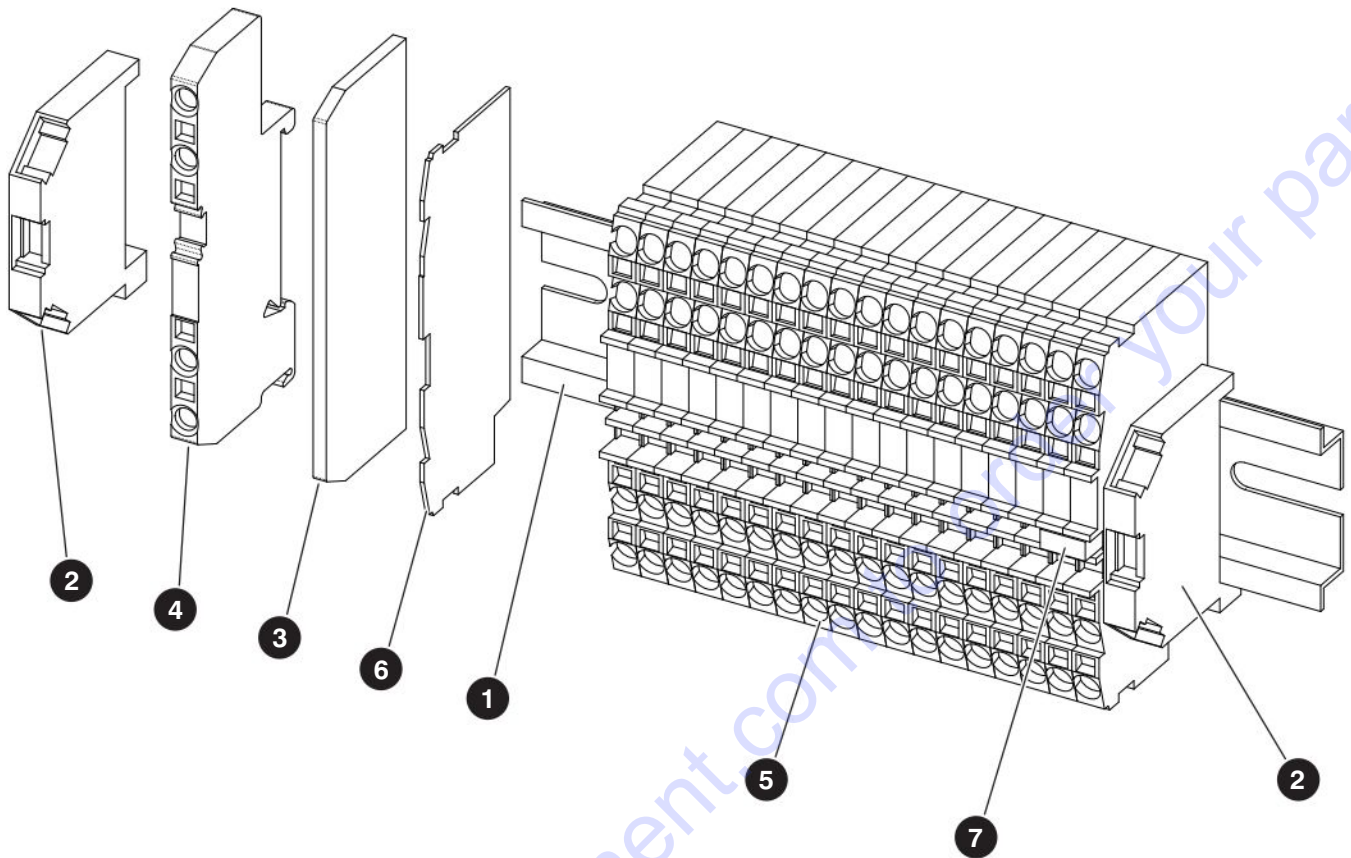
SJ85AJ

SKYJACK

6.17 Engine Controls

Index No.	Skyjack Part No.	Qty.	Description
19	139127	2	• PLUG, Hole (0.50"), C, D
20	131938	1	• PLUG, Hole (1.125"), B, C
21	127035	1	• RELAY, 12 V 40 amp, B
22	126642	1	• NUT, Lock (10-24 gr 5), B
23	103960	1	• SCREW, Round head machine (10-24 x 0.50"), B
24	103586	4	BOLT, Hex head (0.25"-20 x 0.75" gr 5)
25	103995	4	WASHER, Flat (0.25")

6.18 Terminal Strip - Engine Controls



M198099AB

Index No.	Skyjack Part No.	Qty.	Description
A	198099	1	TERMINAL STRIP, Engine controls - Deutz TD2.9L
B	198100	1	TERMINAL STRIP, Engine controls - Deutz D2011
C	198101	1	TERMINAL STRIP, Engine controls - Kubota WG3800
D	198102	1	TERMINAL STRIP, Engine controls - Perkins 2.2TA
1	102874	6"	• RAIL, DIN
2	707147	2	• STOP, End
3	707146	1	• PLATE, End/intermediate
4	707145	1	• TERMINAL BLOCK (4 cond through with diode), A
5	137940	18	• TERMINAL BLOCK (4 cond through), A
	137940	20	• TERMINAL BLOCK (4 cond through), B
	137940	8	• TERMINAL BLOCK (4 cond through), C
	137940	17	• TERMINAL BLOCK (4 cond through), D
6	137941	1	• PLATE, End
7	137942	1	• JUMPER, 2-pin, A, B, D

Section 7 – Electrical Harnesses

7.1 *Main Harness*

7.3 *Control Cables*

7.4 *Engine Harness - Deutz TD2.9L*

7.5 *Engine - Kubota WG3800*

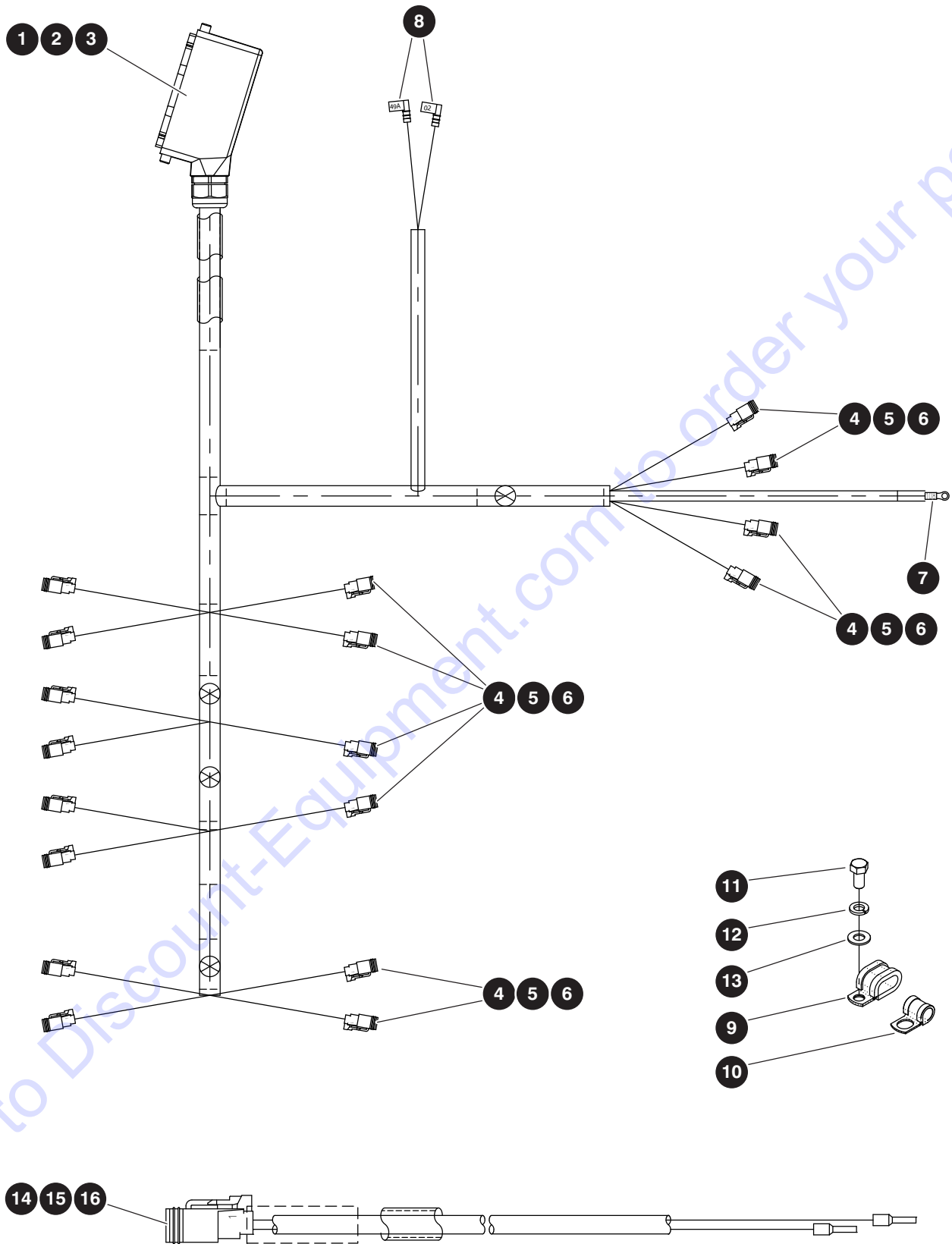
7.6 *Engine Interface Harness - Perkins 2.2TA*

7.7 *Fuse Box - Perkins*

7.8 *Anti-Overriding Posts Harness - KC*

7.9 *Upper Control Harness - KC*

7.1 Main Harness

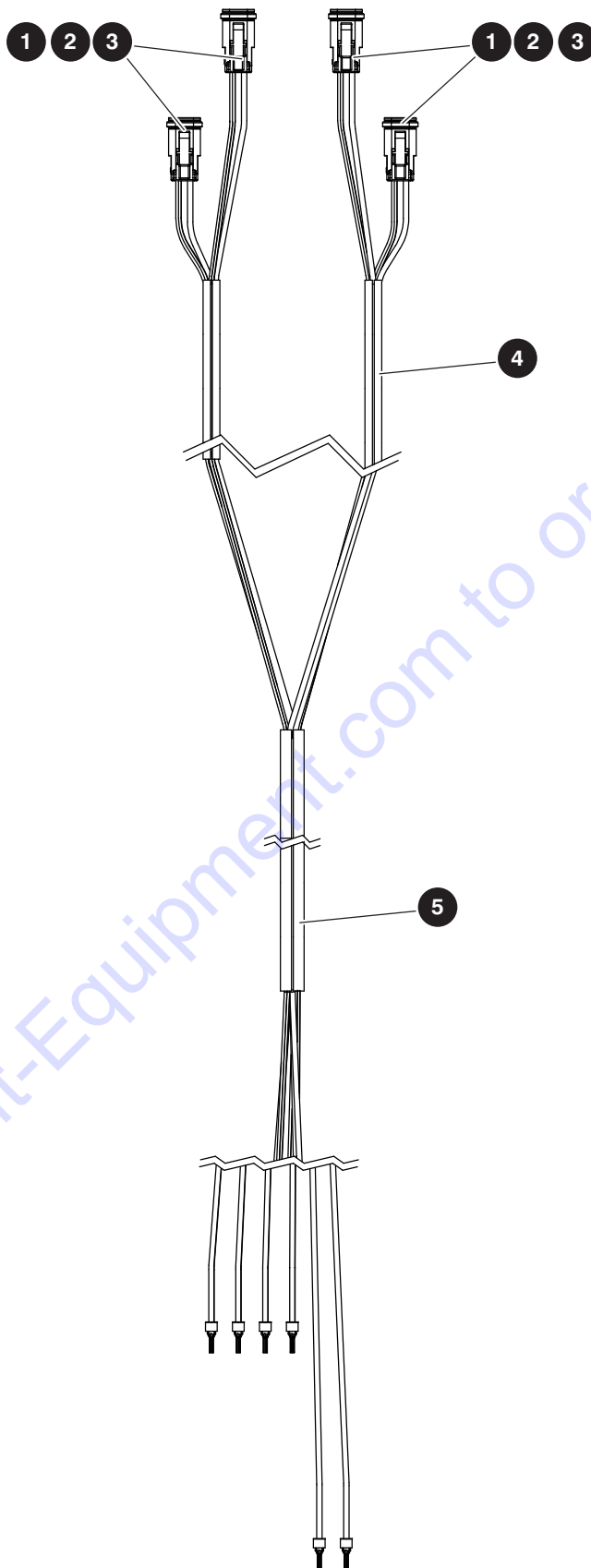


M198133AC_M198134AC

7.1 Main Harness

Index No.	Skyjack Part No.	Qty.	Description
-	198221	1	MAIN WIRING HARNESS
-	198133	1	• MAIN MANIFOLD HARNESS
1	138753	1	• • HOOD, Side - 24 pole
2	138754	1	• • RELIEF, Strain (M32 x 1.5)
3	138755	1	• • PLUG, Spring - 24 pole
4	117597	19	• • PLUG, Deutsch
5	117591	38	• • SOCKET, Deutsch
6	117599	19	• • WEDGE, Deutsch
7	102936	1	• • TERMINAL, Ring (#10)
8	300772	1	• • TERMINAL, Female (14-16 ga 90°)
9	102972	1	• CLAMP, Double loop - cushion (G08)
10	144129	1	• CLAMP, Loop - cushion (#10, 0.53" mount)
11	101632	2	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)
12	103999	2	• WASHER, Lock (0.375")
13	103472	2	• WASHER, Flat (0.375")
-	198134	1	• FUEL HARNESS
14	117597	1	• • PLUG, Connector - 2-pin
15	117599	1	• • WEDGE, Connector plug - 2-pin
16	117590	2	• • SOCKET, Connector contact (16/18 ga)

7.2 Jib and Platform Rotate Harness



M168650AB-1

210340AE

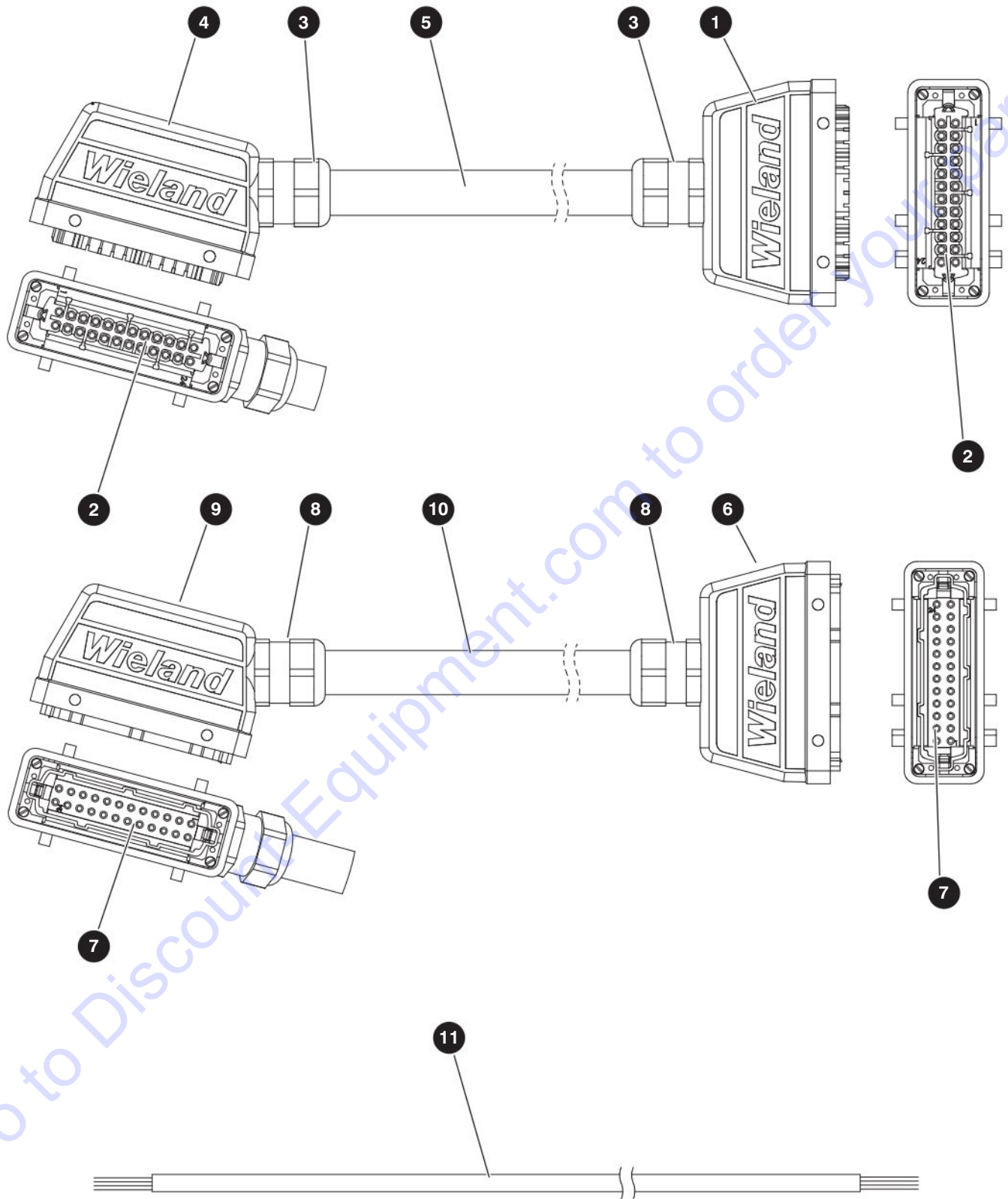
214

SJ85AJ

SKYJACK

7.2 Jib and Platform Rotate Harness

Index No.	Skyjack Part No.	Qty.	Description
-	168650	1	JIB & PLATFORM ROTATE HARNESS
1	117597	4	<ul style="list-style-type: none"> • CONNECTOR, Plug 2-pin
2	117599	4	<ul style="list-style-type: none"> • WEDGE, Connector plug 2-pin
3	117591	8	<ul style="list-style-type: none"> • SOCKET, Contact - connector plug 2-pin
4	111354	138"	<ul style="list-style-type: none"> • PROTECTOR, Wire (0.375")
5	124399	38"	<ul style="list-style-type: none"> • PROTECTOR, Wire (0.25")



M198457AB

210340AE

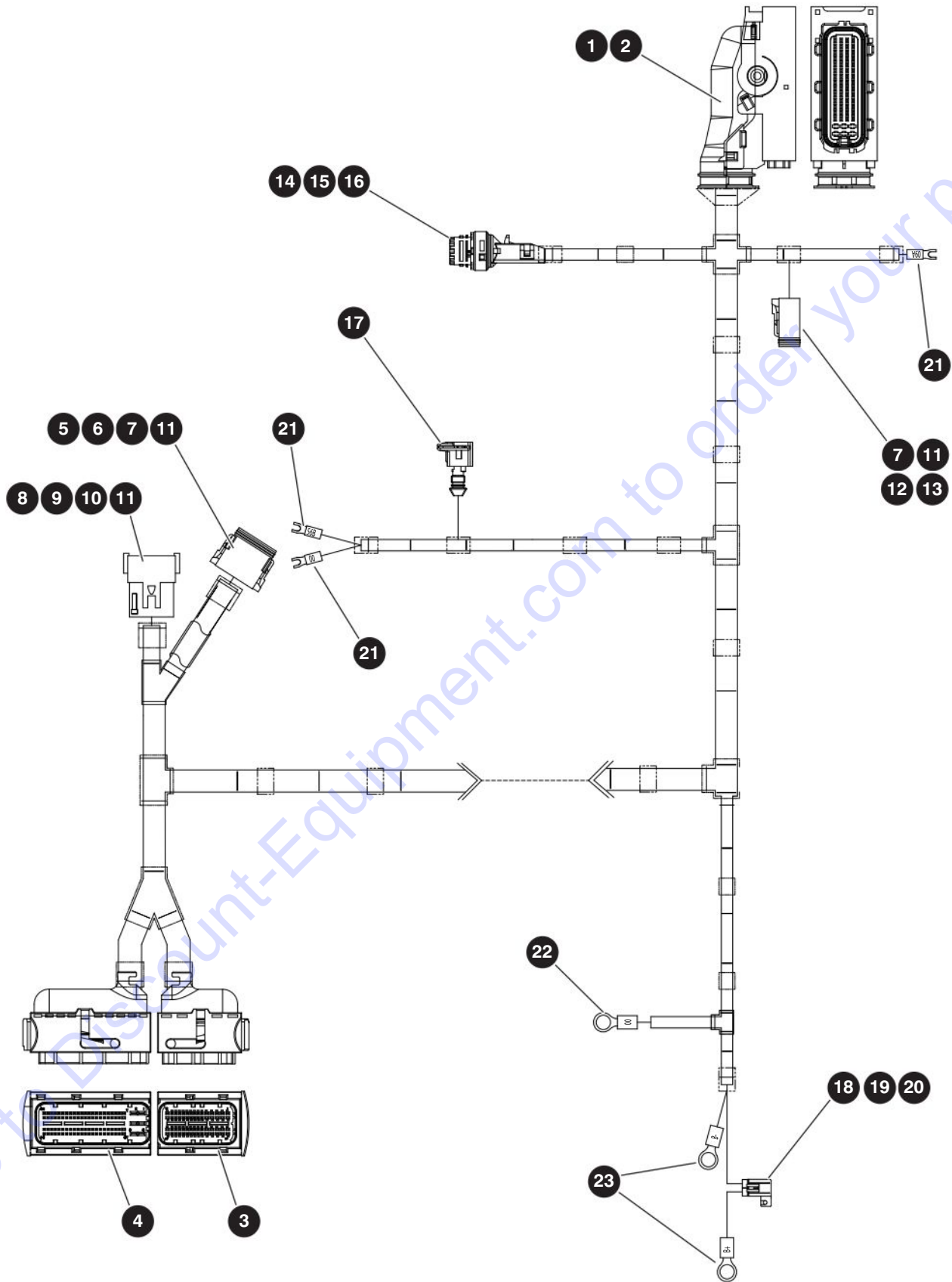
216

SJ85AJ

SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	198457	1	CONTROL CABLES
-	198438	1	• CONTROL CABLE "C" (female)
1	138752	1	• • HOOD, Top 24 pole (M32)
2	138755	2	• • PLUG, 24 Pole spring (16A)
3	138754	2	• • RELIEF, Strain (M32 x 1.5)
4	138753	1	• • HOOD, Side 24 (M32)
5	198440	1	• • CABLE, Cut (16/24C), serial number 95 400 457 & below
	221917	1	• • CABLE, Cut (16/24C), serial number 95 400 458 & above
-	198439	1	• CONTROL CABLE "D" (male)
6	138752	1	• • HOOD, Top 24 pole (M32)
7	138756	2	• • SOCKET, 24 Pole spring (16A)
8	138754	2	• • RELIEF, Strain (M32 x 1.5)
9	138753	1	• • HOOD, Side 24 (M32)
10	198441	1	• • CABLE, Cut (18/24C), serial number 95 400 457 & below
	221918	1	• • CABLE, Cut (18/24C), serial number 95 400 458 & above
11	198458	1	• CONTROL CABLE
12	131732	24"	• SLEEVE, Protective (not shown)

7.4 Engine Harness - Deutz TD2.9L



M198132AB

210340AE

218

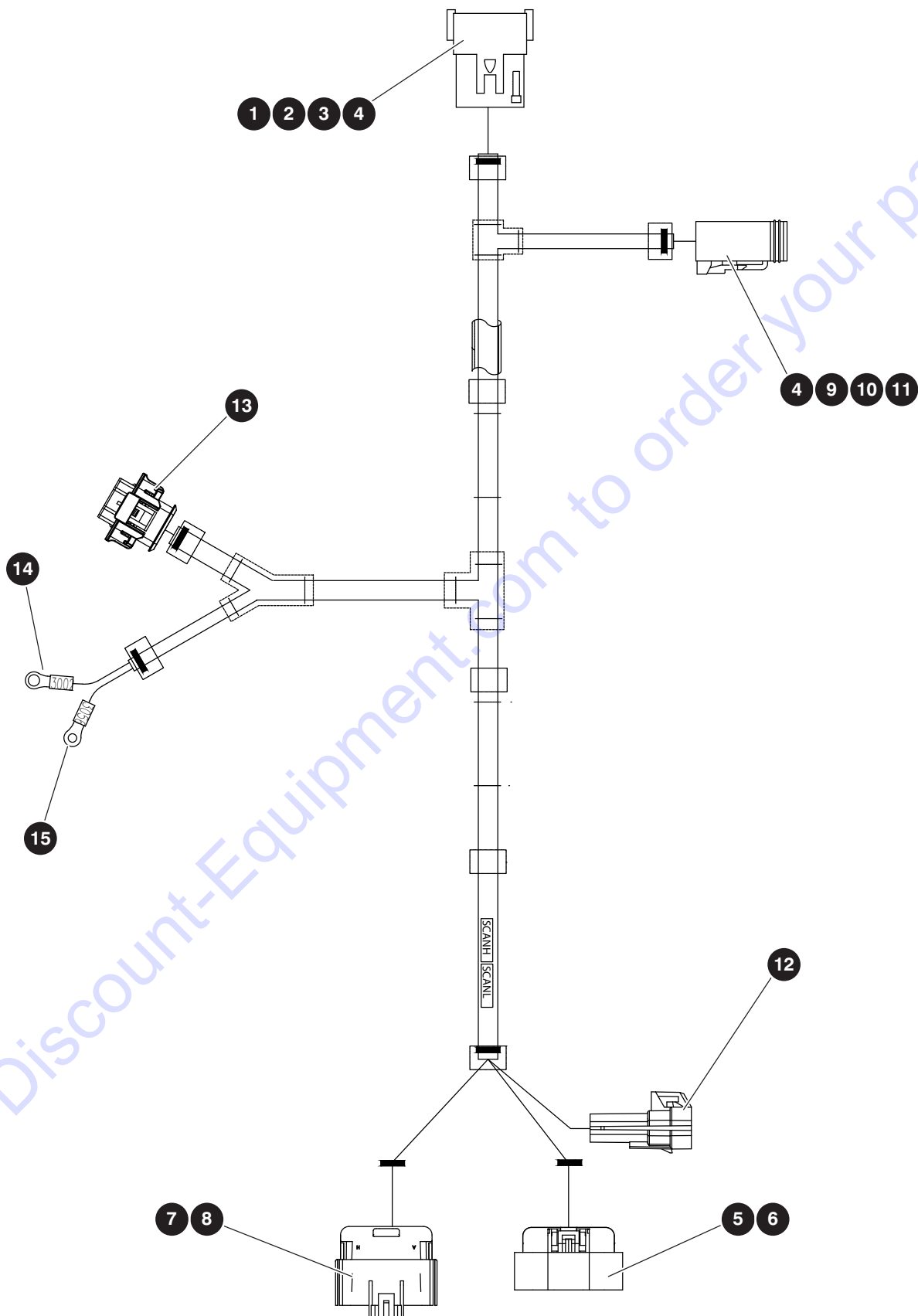
SJ85AJ

SKYJACK

7.4 Engine Harness - Deutz TD2.9L

Index No.	Skyjack Part No.	Qty.	Description
-	198132	1	ENGINE HARNESS - Deutz TD2.9L
1	164544	1	• CONNECTOR, 6F amp MCP
2	164545	1	• COVER, Connector - 62 pin
3	164556	1	• CONNECTOR, 60F amp MQS
4	164567	1	• CONNECTOR, 94F amp MQS+MCP
5	117587	1	• CONNECTOR, Plug - 12 pin
6	117589	1	• CONNECTOR, Plug 12 pin wedge
7	117591	13	• CONNECTOR, Contact socket 16-18
8	117586	1	• CONNECTOR, Receptacle - 12-pin
9	117588	1	• CONNECTOR, Receptacle - 12-pin wedge
10	117590	10	• CONNECTOR, Contact pin (16-18)
11	117594	5	• CONNECTOR, Sealing plug
12	117579	1	• CONNECTOR, Plug 4 pin
13	117581	1	• CONNECTOR, Plug 4 pin wedge
14	164579	1	• CONNECTOR, 4F 2.5 mm circular
15	164580	1	• RELIEF, Strain - straight
16	156172	1	• PLUG, Cavity
17	156163	1	• CONNECTOR, 2F amp
18	156127	1	• CONNECTOR, 2F 630 M/P fuse holder
19	156164	1	• FUSE, ATO, 30 A
20	156117	1	• COVER, Inline autofuse
21	109892	3	• TERMINAL, Fork (14-16 ga)
22	156221	1	• TERMINAL, Ring (M10)
23	156219	2	• TERMINAL, Ring (M8)

7.5 Engine Harness - Kubota WG3800



M198216AE-PM

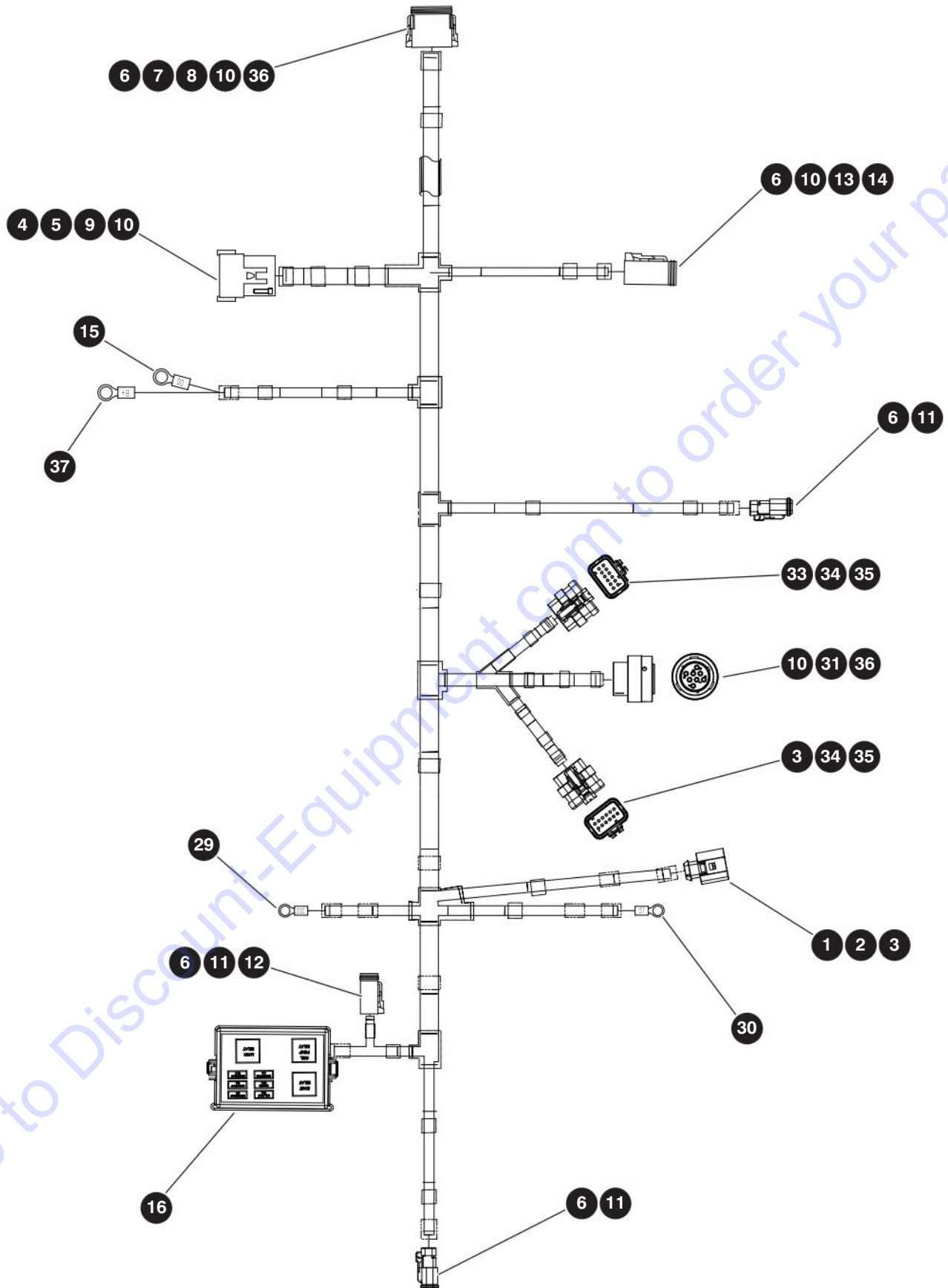
210340AE
220

SJ85AJ
SKYJACK

7.5 Engine Harness - Kubota WG3800

Index No.	Skyjack Part No.	Qty.	Description
-	198216	1	ENGINE HARNESS - Kubota WG3800
1	117586	1	• CONNECTOR, Receptacle - 12-pin
2	117588	1	• CONNECTOR, Receptacle - 12-pin wedge
3	117590	8	• CONNECTOR, Contact pin (16-18)
4	117594	6	• CONNECTOR, Sealing plug
5	142361	1	• HOUSING, Female - 150 GT sealed 16 way
6	142362	5	• TERMINAL, Female - 150 GT series
7	142363	1	• HOUSING, Male - 150 GT sealed 16 way
8	142364	8	• TERMINAL, Male - 150 GT series
9	117591	4	• CONNECTOR, Contact socket - 16-18
10	156180	1	• CONNECTOR, 6F DT
11	156194	1	• WEDGE, Plug
12	166481	1	• CONNECTOR, 4M 150 M/P
13	170221	1	• CONNECTOR, 4M Kompact 1.1 m
14	119752	1	• TERMINAL, Ring - red (#10)
15	144337	1	• TERMINAL, Ring - red (#8)

7.6 Engine Interface Harness - Perkins 2.2TA



M198449AC-PM

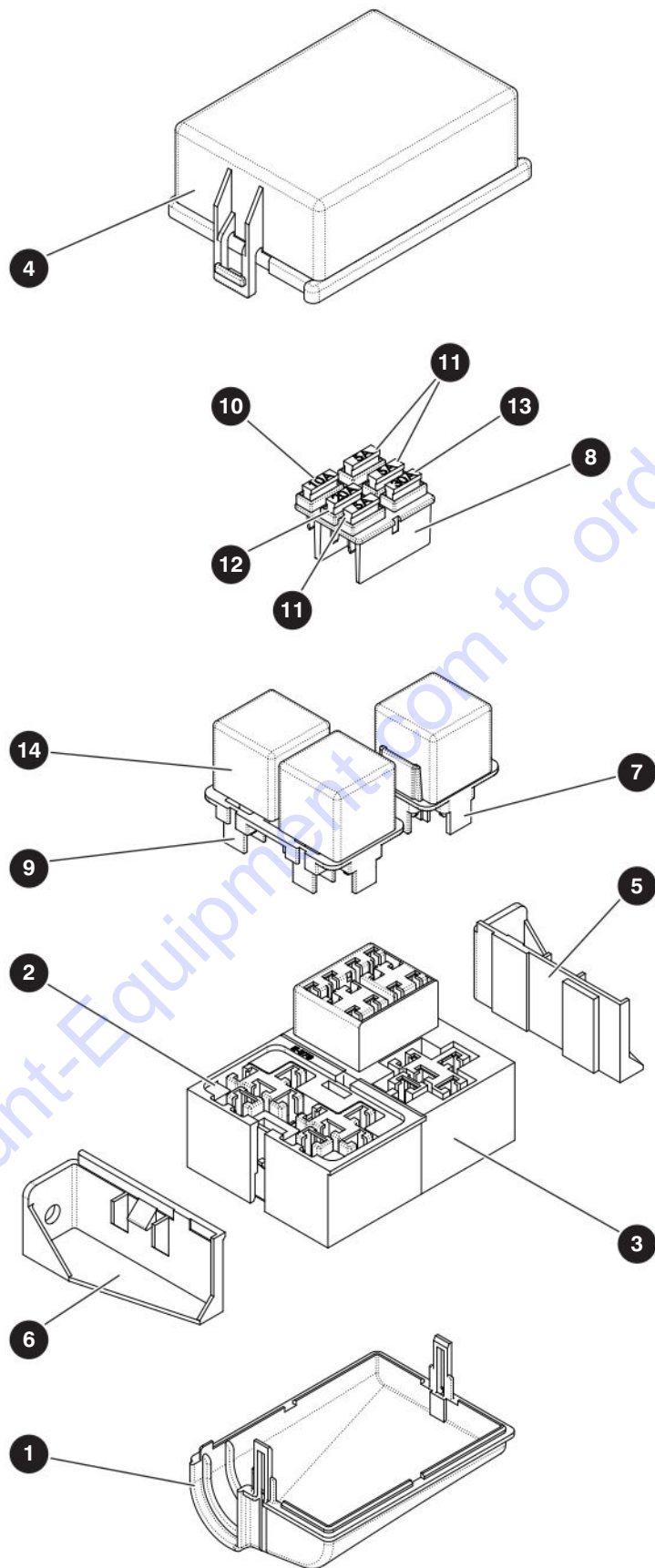
210340AE
222

SJ85AJ
SKYJACK

7.6 Engine Interface Harness - Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
-	198449	1	ENGINE INTERFACE HARNESS - Perkins 2.2TA
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	21	• SOCKET, Connector contact - 16-18
7	117586	1	• RECEPTACLE, Connector - 12-pin
8	117588	1	• WEDGE, Connector receptacle - 12-pin
9	117590	8	• PIN, Connector contactor - 16-18
10	117594	15	• 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 7.7 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	• TERMINA, 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	209456	1	• CONNECTOR, Plug (8P deutsch)
32	209455	1	• CONNECTOR, Plug (12P ampseal gray)
33	209454	1	• CONNECTOR, Plug (12P ampseal red)
34	209464	16	• SOCKET, 14-20 awg ampseal
35	209465	8	• PLUG, Cavity - ampseal
36	157859	7	• SOCKET, 12-14 awg solid
37	108172	1	• TERMINAL, Ring (10-12 GA 0.375")

7.7 Fuse Box - Perkins



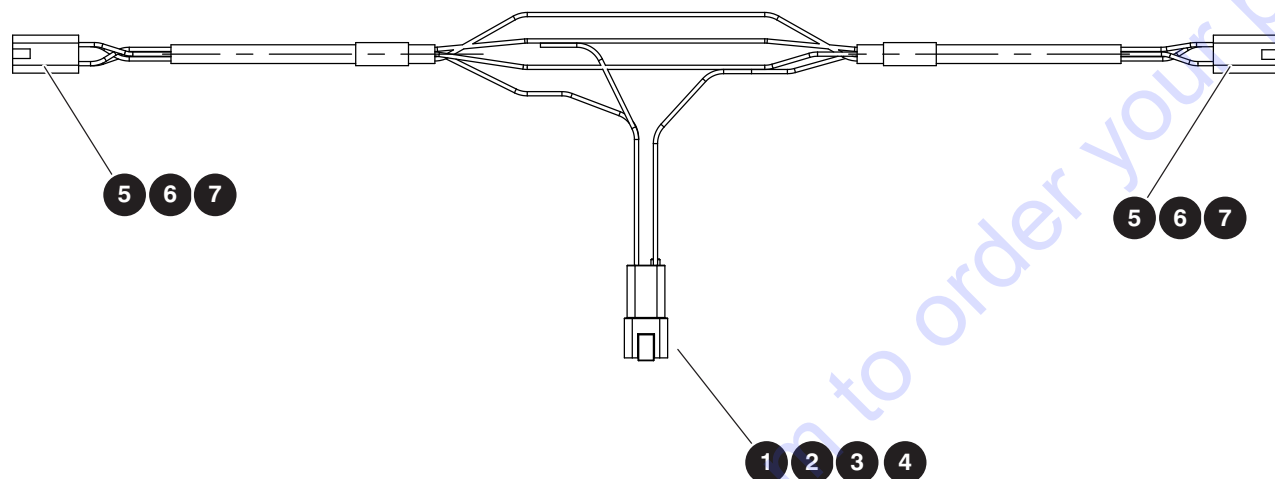
M198769AB

210340AE
224

SJ85AJ
SKYJACK

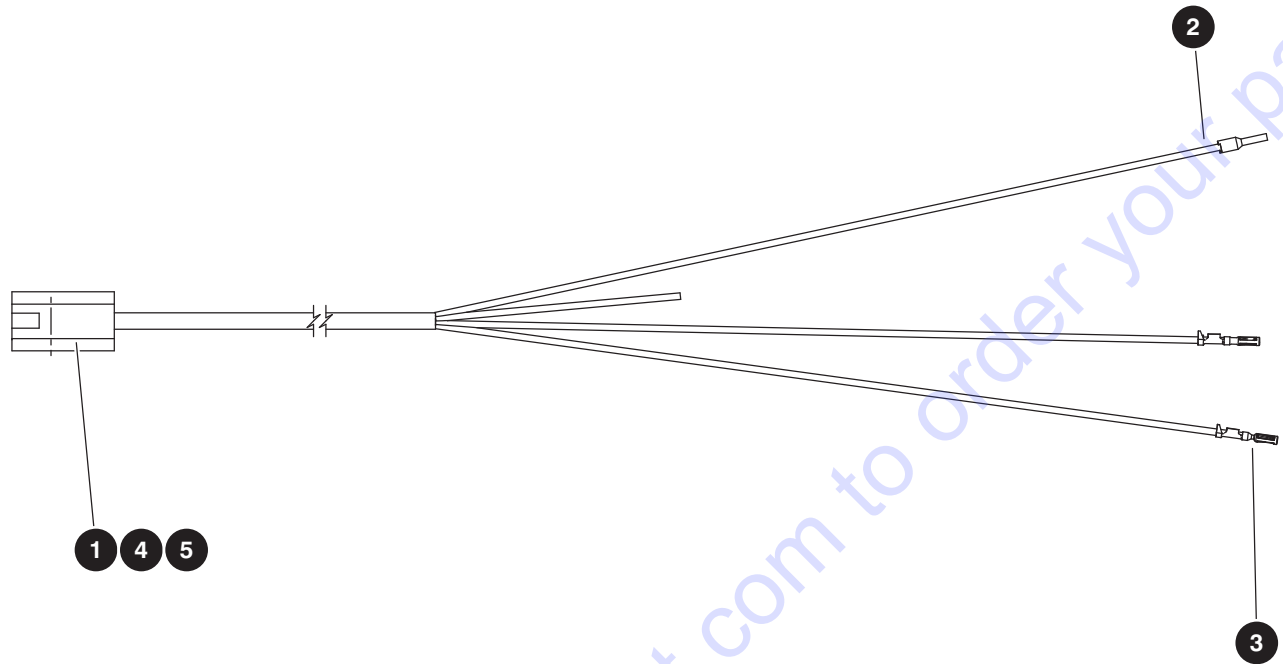
7.7 Fuse Box - Perkins

Index No.	Skyjack Part No.	Qty.	Description
-	198769	1	FUSE BOX ASSEMBLY - Perkins
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



M207314AA

Index No.	Skyjack Part No.	Qty.	Description
-	207314	1	ANTI-OVERRISING POSTSPLATFORM LIMIT SWITCH HARNESS - KC
1	117578	1	• CONNECTOR, Receptacle (4 pin)
2	117580	1	• CONNECTOR, Receptacle (4 pin wedge)
3	117590	3	• CONNECTOR, Pin contact (16-18)
4	117594	1	• CONNECTOR, Sealing plug
5	117579	3	• CONNECTOR, Plug (4 pin)
6	117581	2	• CONNECTOR, Plug (4 pin wedge)
7	117591	8	• CONNECTOR, Contact socket (16-18)



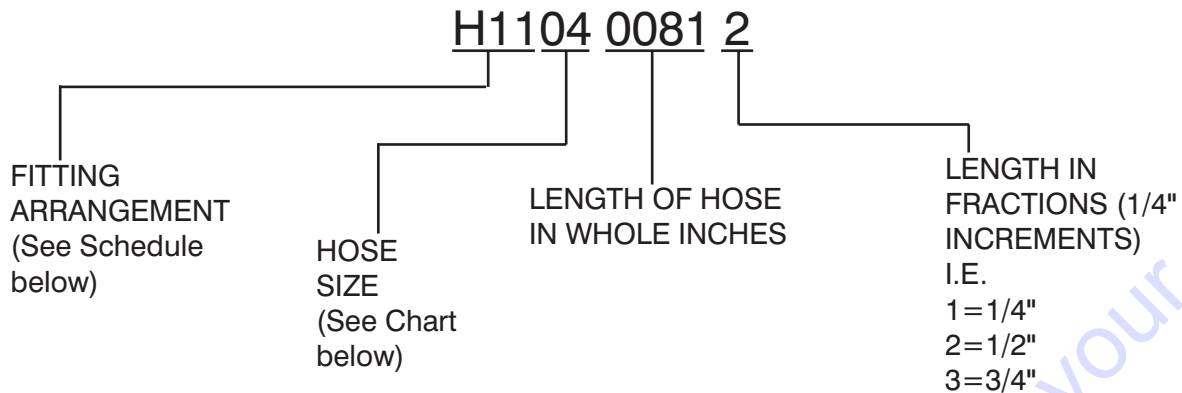
M216062AA

Index No.	Skyjack Part No.	Qty.	Description
-	216062	1	UPPER CONTROL HARNESS - KC
1	117579	1	<ul style="list-style-type: none"> CONNECTOR, Plug - 4 pin
2	121050	1	<ul style="list-style-type: none"> CONNECTOR, Ferrule (16 GA)
3	138832	2	<ul style="list-style-type: none"> CONTACT, Ampseal
4	117581	1	<ul style="list-style-type: none"> CONNECTOR, Plug (4 pin wedge)
5	117591	4	<ul style="list-style-type: none"> CONNECTOR, Contact socket (16-18)

Section 8 – Hose Connections

- 8.1 *Standard Hose Numbering System*
- 8.2 *Hydraulic Hoses – Boom*
- 8.3 *Hydraulic Hoses – Turret*
- 8.4 *Hydraulic Hoses – Drive & System Pumps*
- 8.5 *Hydraulic Hoses – Base*
- 8.6 *Fuel Lines – Deutz TD.9L*
- 8.7 *Fuel Lines – Deutz D2011*
- 8.8 *Fuel Lines – Perkins 2.2TA*
- 8.9 *Fuel Lines – Gasoline - Kubota WG3800*
- 8.10 *Fuel Lines – Propane - Kubota WG3800*
- 8.11 *Grease Line*

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

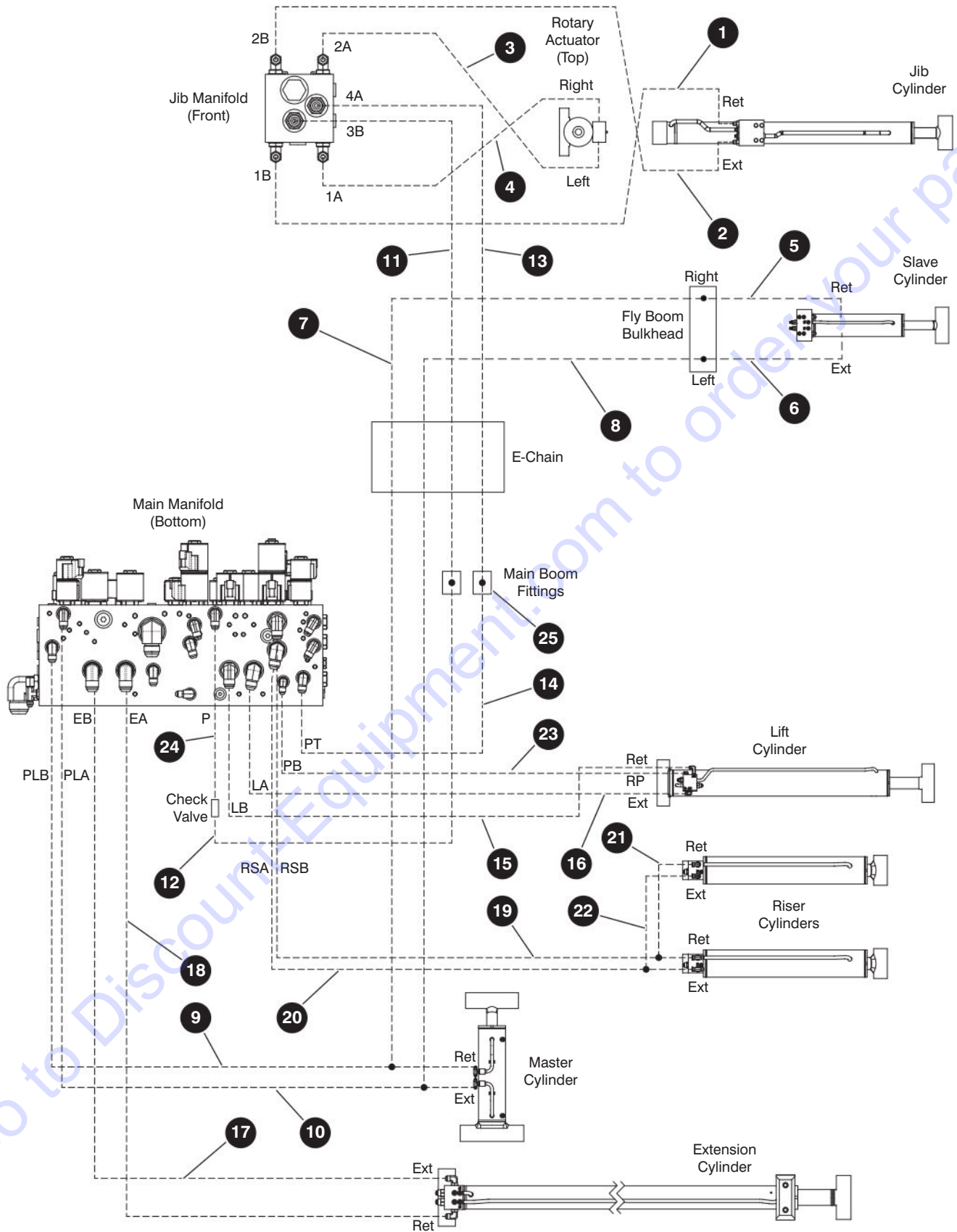
Size	03	04	06	08	10	12	16	20	24	32	40	48	56	64
ID	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"

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

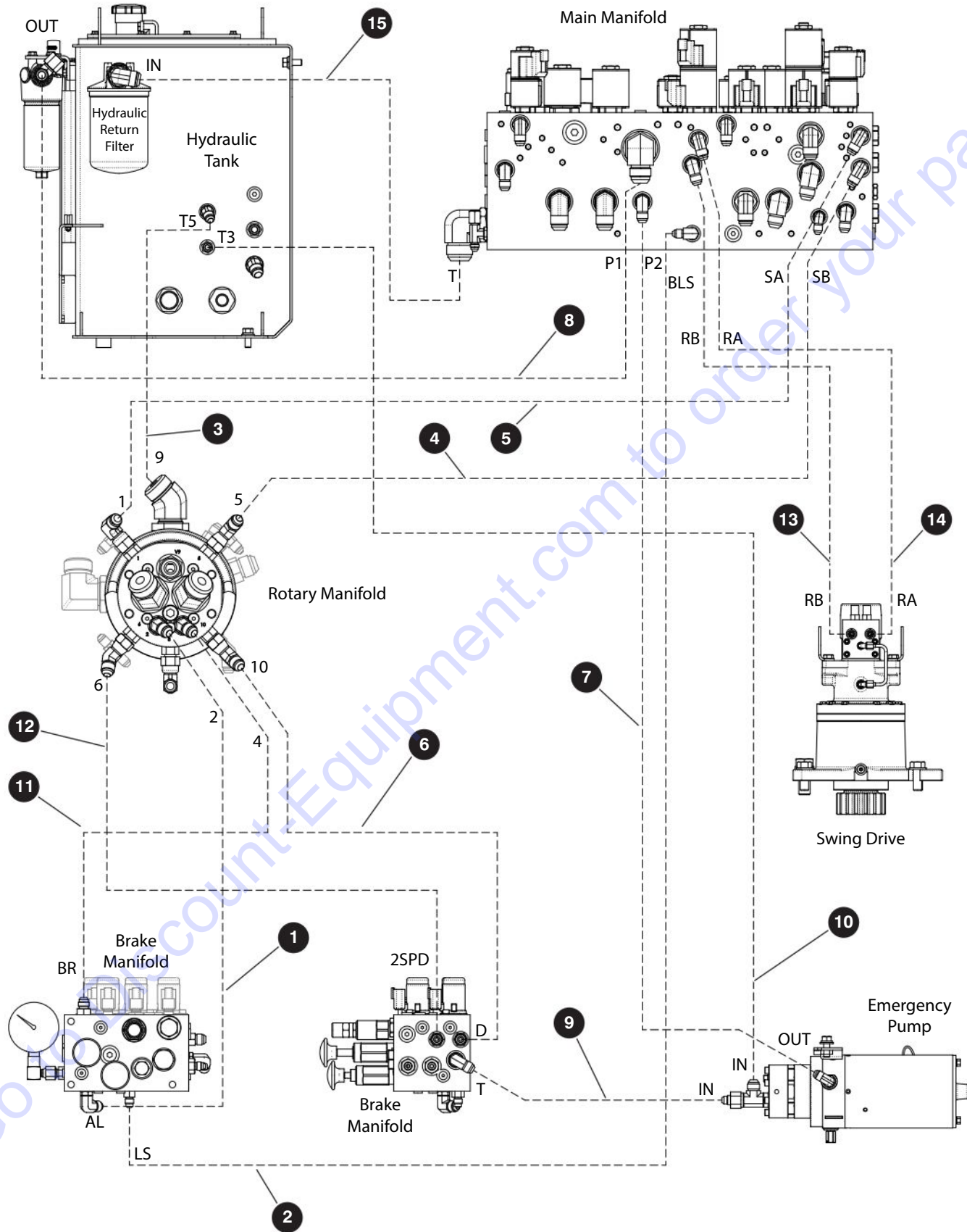
Hose Prefix	Hose End Fitting	Hose End Fitting	S.A.E. Hose Specification
H19	LONG 90°, FEMALE, 37° JIC, SWIVEL	FEMALE, 37° JIC, SWIVEL	100R13
H20	FEMALE, SHORT 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R4
H21	FEMALE, SHORT 37° JIC, SWIVEL	SHORT 90°, FEMALE, 37° JIC, SWIVEL	100R2AT
H22	FEMALE, 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



M165462AE_M197808AB

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
A	212864	JIB HOSE KIT			
1	H3104 0096 0	Jib Manifold	2B	Ext	Jib Cylinder
2	H3104 0096 0	Jib Manifold	1B	Ret	Jib Cylinder
3	H3404 0108 0	Rotary Actuator	Left	2A	Jib Manifold
4	H3404 0118 0	Rotary Actuator	Right	1A	Jib Manifold
5	H3206 0027 0	Fly Boom Bulkhead	Left	Ext	Slave Cylinder
6	H3206 0027 0	Fly Boom Bulkhead	Right	Ret	Slave Cylinder
B	197808	BOOM HOSE KIT			
7	H6006 0701 0	Master Cylinder	Ret	Right	Fly Boom Bulkhead
8	H6006 0701 0	Master Cylinder	Ext	Left	Fly Boom Bulkhead
9	H6006 0434 0	Main Manifold	PLB	Ret	Master Cylinder
10	H6006 0434 0	Main Manifold	PLA	Ext	Master Cylinder
11	H6006 0675 0	Jib Manifold	3B	-	Main Boom Fitting
12	H6006 0470 0	Main Boom Fitting	-	-	Inline Check Valve
13	H6006 0675 0	Jib Manifold	4A	-	Main Boom Fitting
14	H6006 0470 0	Main Boom Fitting	-	PT	Main Manifold
15	H6008 0440 0	Main Manifold	LB	Ret	Lift Cylinder
16	H6008 0440 0	Main Manifold	LA	Ext	Lift Cylinder
17	H6010 0466 0	Main Manifold	EB	Ext	Extension Cylinder
18	H6010 0466 0	Main Manifold	EA	Ret	Extension Cylinder
19	H3108 0220 0	Main Manifold	RSA	Ext	Left Riser Cylinder
20	H3108 0220 0	Main Manifold	RSB	Ret	Left Riser Cylinder
21	H3108 0035 0	Left Riser Cylinder	Ret	Ret	Right Riser Cylinder
22	H3108 0035 0	Left Riser Cylinder	Ext	Ext	Right Riser Cylinder
23	H6004 0440 0	Main Manifold	LPB	RP	Lift Cylinder
24	H3106 0012 0	Main Manifold	P	-	Inline Check Valve
Index No.	Skyjack Part No.	Qty.	Description		
24	131732	96"	SLEEVE, Hose protection (HG-46) (not shown), A		
25	162110	2	FITTING, Straight (06JICM-06JICM), B		
26	131732	12"	SLEEVE, Hose protection (HG-46) (not shown), B		

8.3 Hydraulic Hoses – Turret



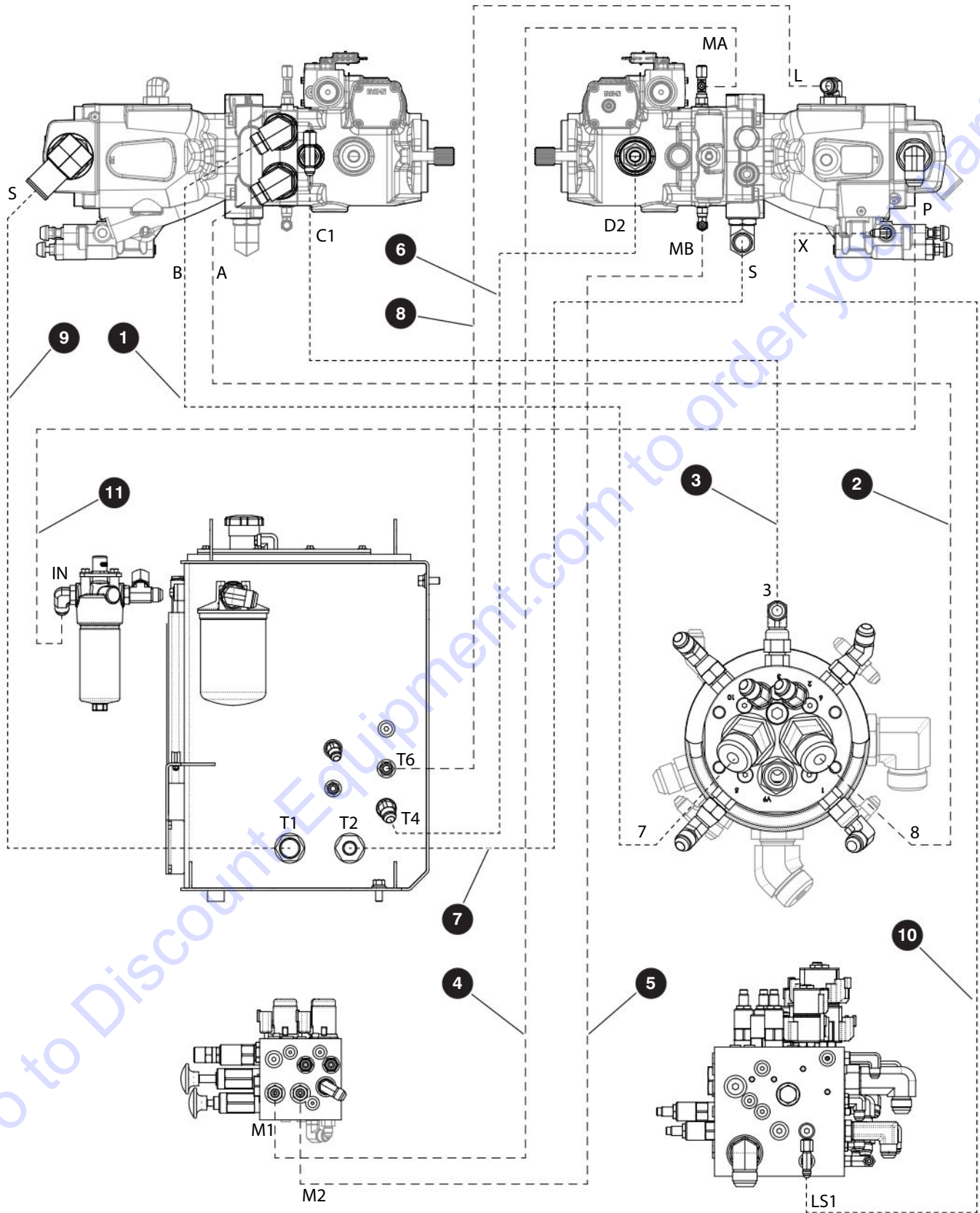
M198206AB

8.3 Hydraulic Hoses – Turret

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	198206	TURRET HOSE KIT			
1	H3106 0062 0	Brake Manifold	AL	2	Rotary Manifold
2	H3404 0022 0	Brake Manifold	LS	BLS	Main Manifold
3	H3210 0045 0	Rotary Manifold	9	T5	Hydraulic Tank
4	H3106 0031 0	Main Manifold	SB	5	Rotary Manifold
5	H3106 0037 0	Main Manifold	SA	1	Rotary Manifold
6	H3406 0070 0	Brake Manifold	D	10	Rotary Manifold
7	H3206 0026 0	E-Pump	OUT	P2	Main Manifold
8	H3212 0035 0	High Pressure Filter	OUT	P1	Main Manifold
9	H3406 0030 0	E-Pump	IN	T	Brake Manifold
10	H3408 0019 0	E-Pump	IN	T3	Hydraulic Tank
11	H3406 0085 0	Brake Manifold	BR	4	Rotary Manifold
12	H3506 0065 0	Brake Manifold	2SPD	6	Rotary Manifold
13	H3506 0049 0	Swing Drive	RB	RB	Main Manifold
14	H3506 0049 0	Swing Drive	RA	RA	Main Manifold
15	H3116 0028 0*	Main Manifold	T	IN	Hydraulic Return Filter
		*This hose is not included in the turret hose kit and must be ordered separately.			

Index No.	Skyjack Part No.	Qty.	Description
16	131732	60"	SLEEVE, Nylon hose protection - HG-46
17	171444	60"	Wrap, Spiral (1.00" dia)
18	163418	60"	SLEEVE, Nylon hose protection - HG-64

8.4 Hydraulic Hoses – Drive & System Pumps



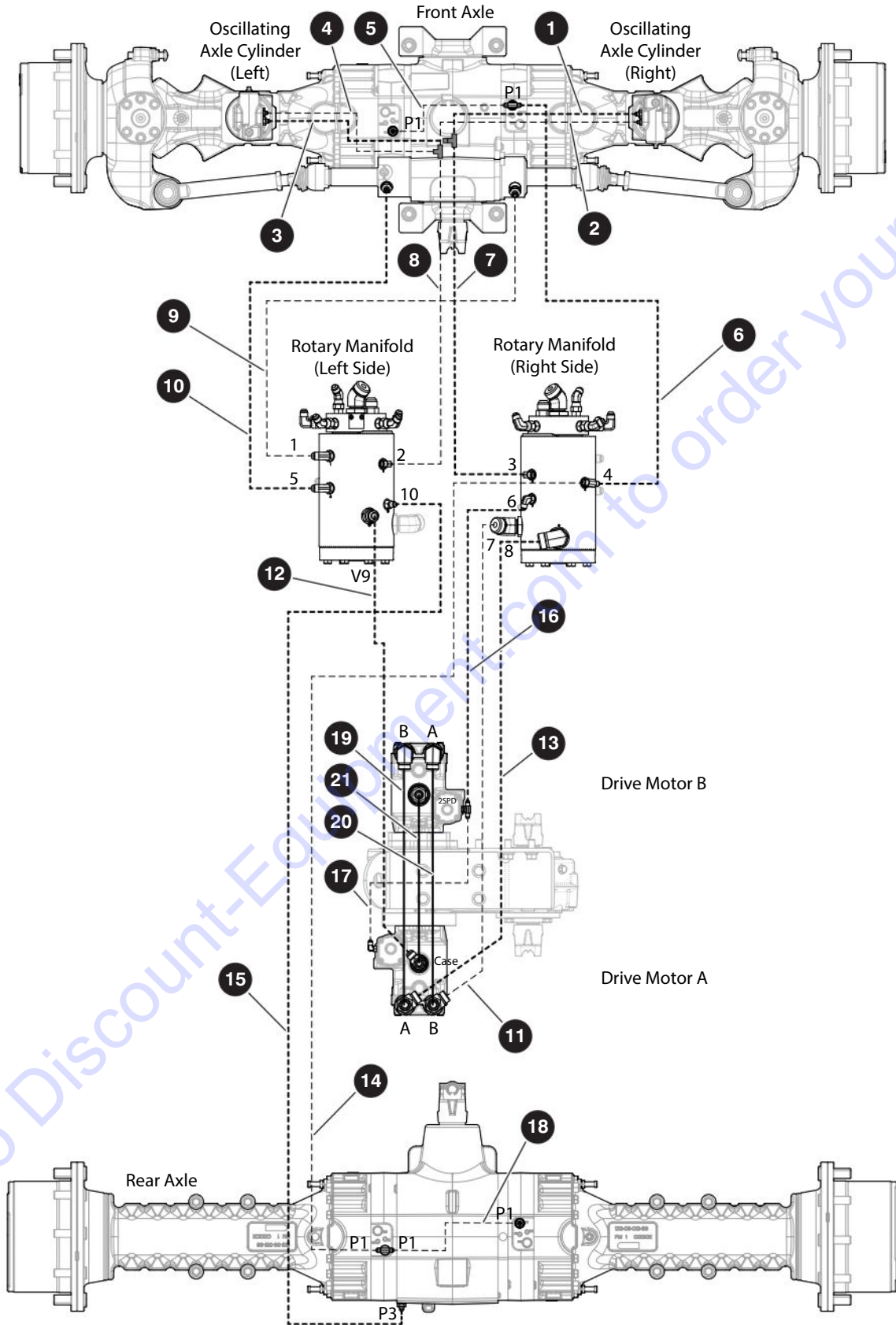
M198204AB_M198205AB

8.4 Hydraulic Hoses – Drive & System Pumps

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
A	198205	DRIVE PUMP HOSE KIT			
1	H581200500	Rotary Manifold	7	B	Drive Pump
2	H591200530	Rotary Manifold	8	A	Drive Pump
3	H360600450	Rotary Manifold	3	C1	Drive Pump
4	H400400870	Drive Pump	MA	M1	Brake Manifold
5	H400400780	Drive Pump	MB	M2	Brake Manifold
6	H341200700	Drive Pump	D2	T4	Hydraulic Tank
7	H161600700	Drive Pump	S	T2	Hydraulic Tank
B	198204	SYSTEM PUMP HOSE KIT			
8	H311000750	System Pump	L	T6	Hydraulic Tank
9	H162400850	System Pump	S	T1	Hydraulic Tank
10	H310400700	System Pump	X	LS1	Main Manifold
11	H311200860	System Pump	P	IN	High Pressure Filter

Index No.	Skyjack Part No.	Qty.	Description
12	139177	2	CLAMP, MIKALOR 33-37, A
13	131732	70"	SLEEVE, NYLON HOSE PROTECTION HG-46, A
14	165481	2	CLAMP, MIKALOR 47-51, B
15	131732	60"	SLEEVE, NYLON HOSE PROTECTION HG-46, B

8.5 Hydraulic Hoses – Base



M198090AC

210340AE

238

SJ85AJ

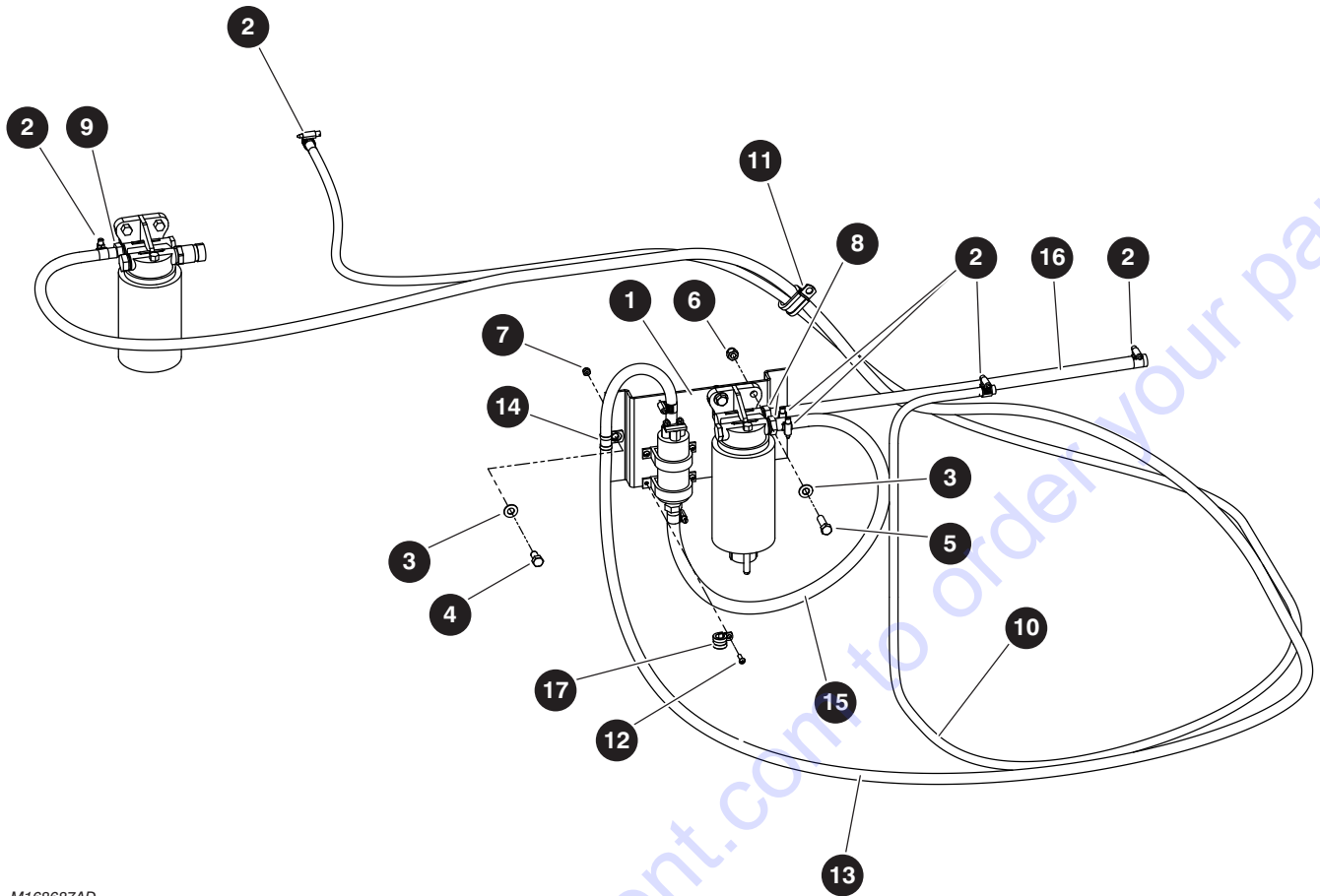
SKYJACK

8.5 Hydraulic Hoses – Base

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
	198090	BASE HOSE KIT			
1	H510600200	Oscillating Cylinder - Right	06 Tee	06 Tee	Pressure Line
2	H510400200	Oscillating Cylinder - Right	04 Tee	04 Tee	Pressure Line
3	H510600200	Oscillating Cylinder - Left	06 Tee	06 Tee	Pressure Line
4	H510400200	Oscillating Cylinder - left	04 Tee	04 Tee	Pressure Line
5	H540400140	Front Axle	P1	P1	Front Axle
6	H540400620	Front Axle	P1	4	Rotary Manifold
7	H510400630	Rotary Manifold	3	06 Tee	Front Axle
8	H510400630	Rotary Manifold	2	04 Tee	Front Axle
9	H520600520	Rotary Manifold	1	Right	Steer Cylinder
10	H540600580	Rotary Manifold	5	Left	Steer Cylinder
11	H571200382	Drive Motor A	B	7	Rotary Manifold
12	H521000320	Rotary Manifold	V9	Case	Drive Motor A
13	H571200382	Drive Motor A	A	8	Rotary Manifold
14	H540400690	Rear Brake	Tee	4	Rotary Manifold
15	H540400710	Rear Axle	P3	10	Rotary Manifold
16	H510400210	Rotary Manifold	6	2SPD	Drive Motor
17	H540400240	Drive Motor B	2SPD	2SPD	Drive Motor A
18	H540400140	Rear Axle	P1	P1	Rear Axle
19	167063	Motor A	A	B	Motor B
20	167063	Motor A	B	A	Motor B
21	167064	Motor A	Case	Case	Motor B

Index No.	Skyjack Part No.	Qty.	Description
22	131697	1	FITTING, Tee (04JICM-04JICM-04JICM)
23	131704	1	FITTING, Tee (06JICM-06JICM-06JICM)
24	707041	1	FITTING, Straight (06JICF-04JICM)

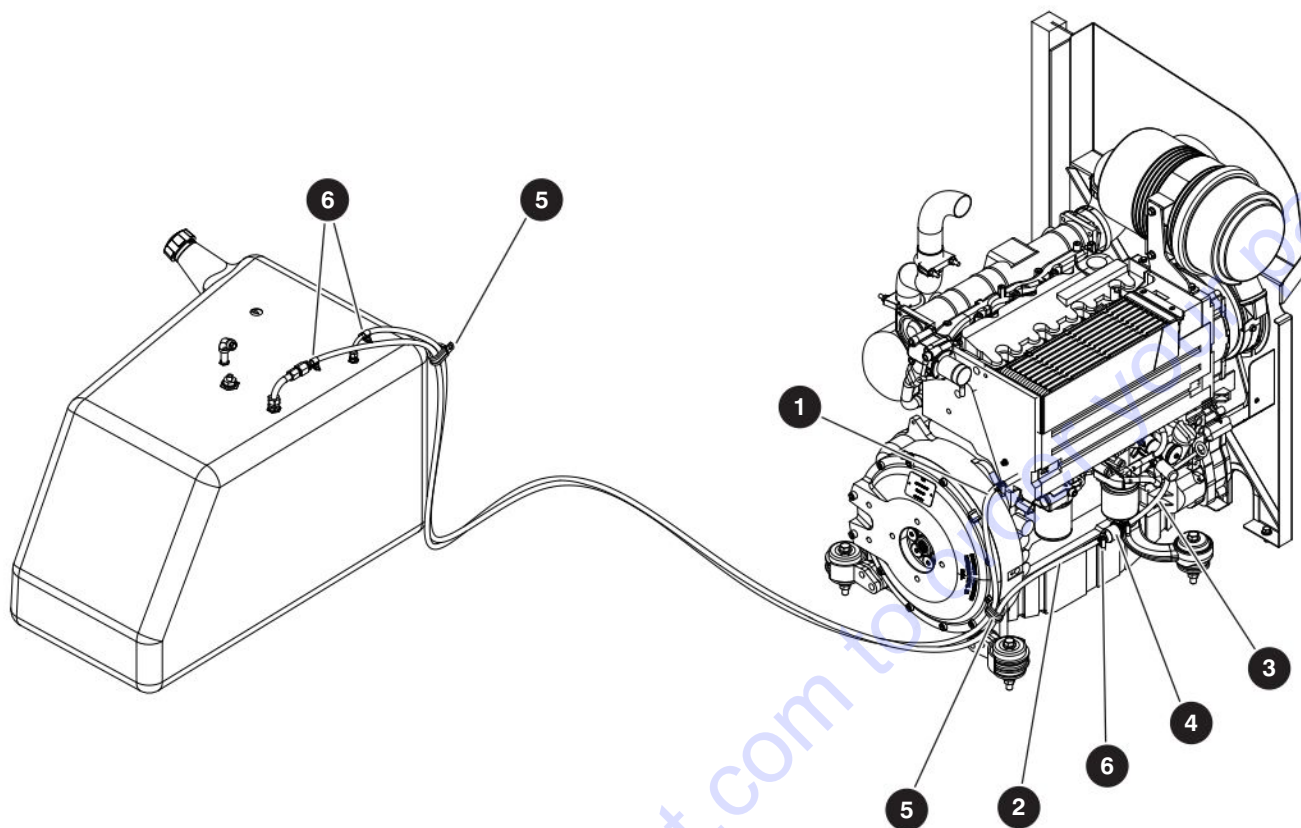
8.6 Fuel Lines – Deutz TD.9L



M168687AD

Index No.	Skyjack Part No.	Qty.	Description
-	168687	1	FUEL HOSE ASSEMBLY - <i>Deutz TD2.9L</i>
1	198453	1	• BRACKET, Fuel
2	163521	10	• CLAMP, Hose (#10)
3	103472	4	• WASHER, Flat (0.375")
4	101632	2	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)
5	101297	2	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
6	104606	2	• NUT, Hex head nylon lock (0.375"-16 gr 5)
7	300450	4	• NUT, Hex head nylon lock (10-32 gr 5)
8	163222	2	• FITTING, Fuel hose
9	164977	1	• FITTING, Fuel hose (0.375")
10	102984	145"	• LINE, Fuel (0.3125")
11	103078	1	• CLIP, Double (S344G10)
12	120094	4	• SCREW, Round head machine (10-32 x 0.625")
13	166737	180"	• LINE, Fuel (0.375")
14	144129	1	• CLIP, Single (S332G10)
15	163509	32"	• LINE, Fuel (0.50")
16	163509	23"	• LINE, Fuel (0.50")
17	102929	1	• CLIP, Single

8.7 Fuel Lines – Deutz D2011



M146730AD

Index No.	Skyjack Part No.	Qty.	Description
-	168710	1	FUEL LINE ASSEMBLY - Deutz D2011
1	102984	175"	• LINE, Fuel (0.3125")
2	102984	170"	• LINE, Fuel (0.3125")
3	102984	6"	• LINE, Fuel (0.3125")
4	139254	1	• FILTER, In-line fuel
5	103078	2	• CLIP, Double (S44G10)
6	116342	6	• CLAMP, Gear (SAE No. 8, 0.4375" - 1.00")

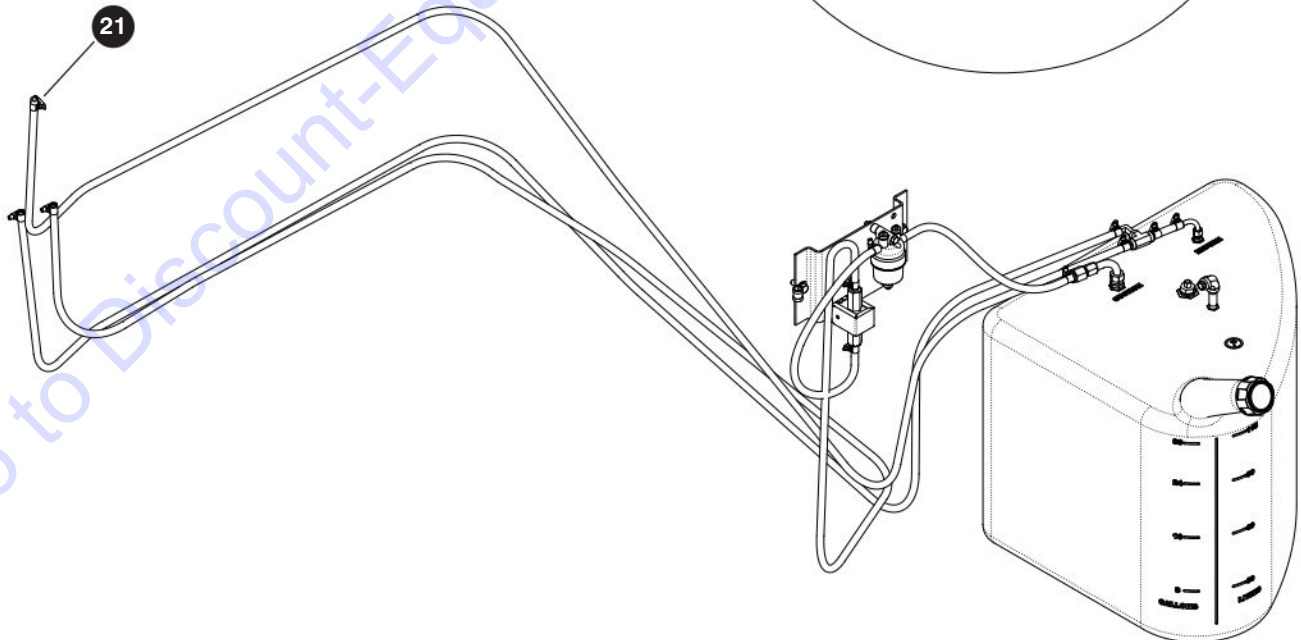
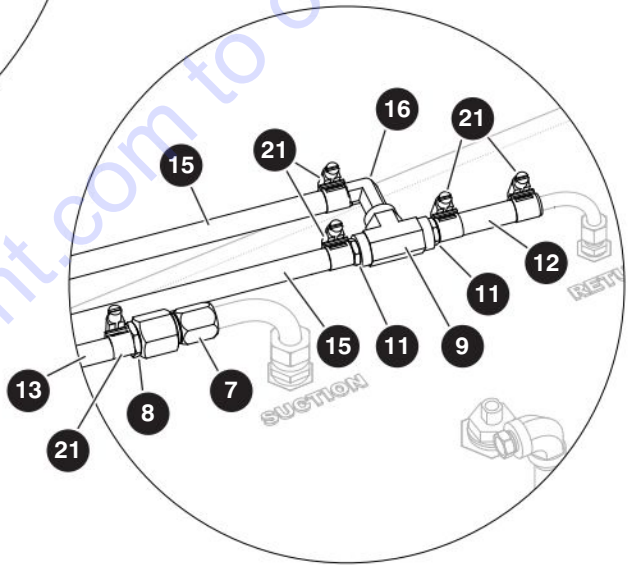
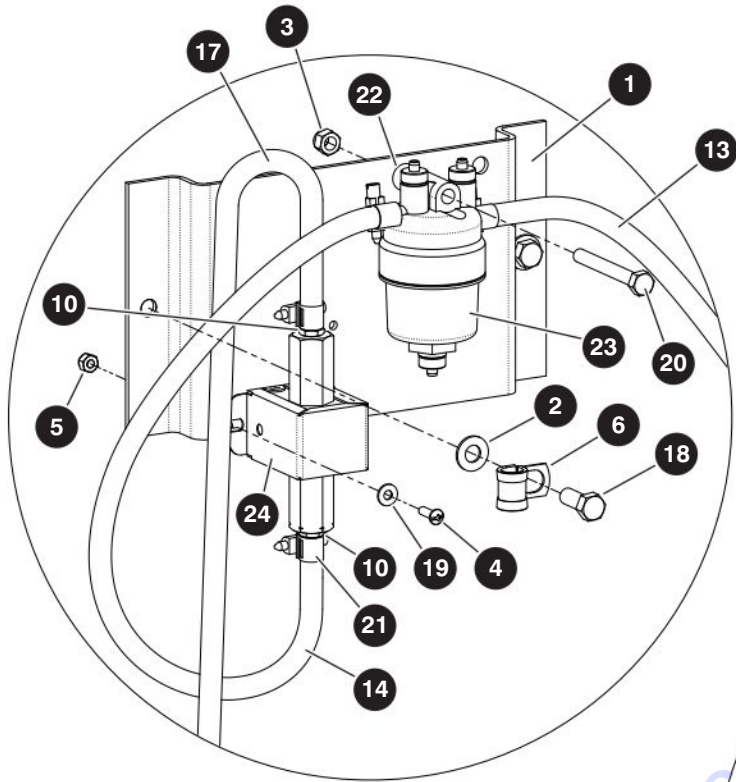
SJ85AJ

SKYJACK

210340AE

241

8.8 Fuel Lines – Perkins 2.2TA



M198434AA

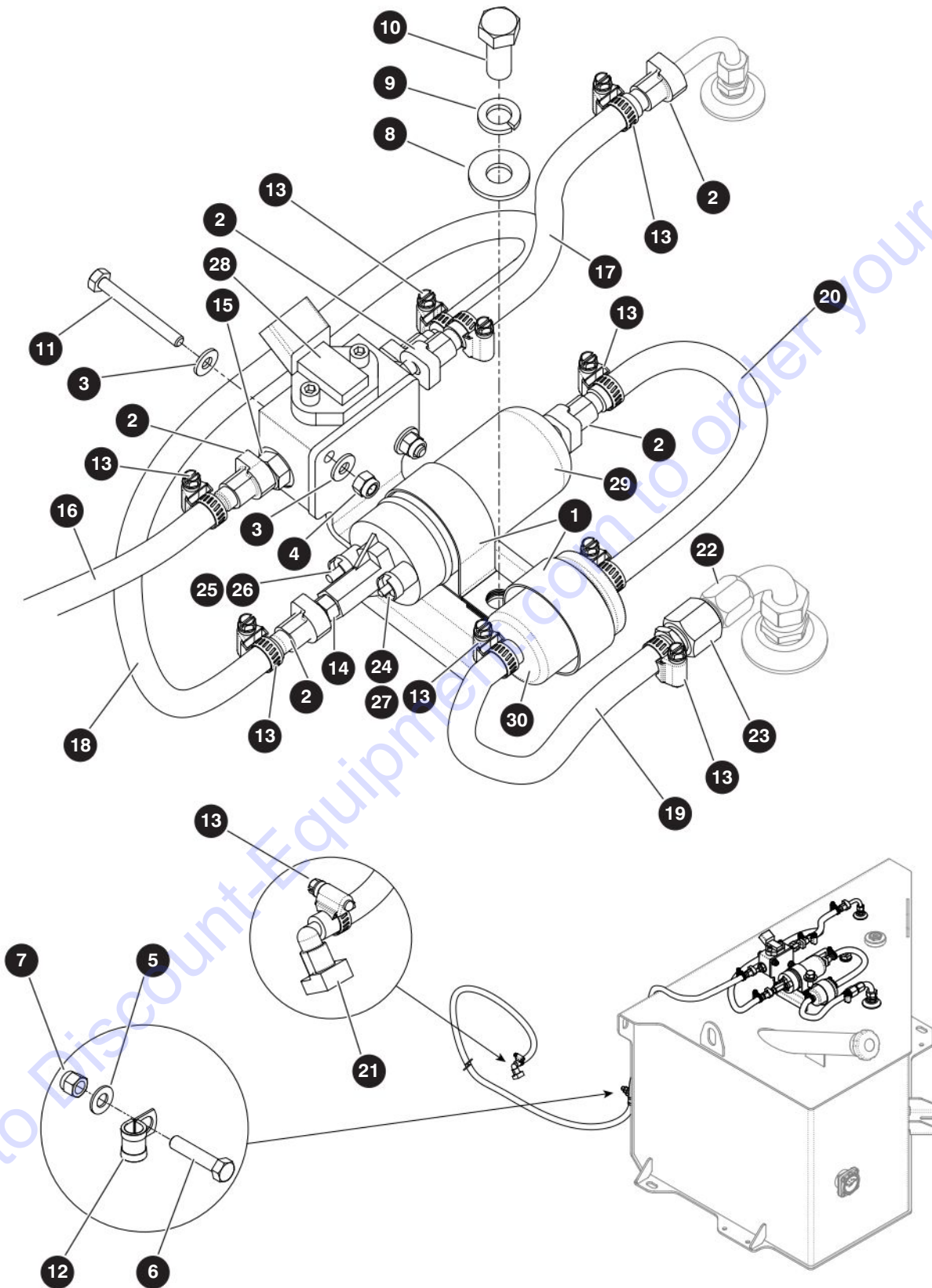
210340AE
242

SJ85AJ

SKYJACK

8.8 Fuel Lines – Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
-	198434	1	FUEL LINE ASSEMBLY - Perkins 2.2TA
1	198453	1	• BRACKET, Fuel assembly
2	103472	2	• WASHER, Flat (0.375")
3	103984	1	• NUT, Lock (0.313"-18 gr 5)
4	120094	2	• SCREW, Round head machine (10-32 x 0.625")
5	300450	2	• NUT, Lock (10-32 gr 5)
6	144129	1	• CLIP, Single (S332G10)
7	165716	1	• FITTING, Straight adapter (08BT-06FP)
8	165719	1	• FITTING, Beaded hose barb (0.313" tube)
9	132919	1	• FITTING, Tee (04NPTF)
10	191978	2	• FITTING, Beaded hose barb (0.313" tube)
11	704801	2	• FITTING, Hose bard (0.313" tube to 0.25" NPTM)
12	102984	3	• LINE, Fuel (0.3125")
13	102984	20	• LINE, Fuel (0.3125")
14	102984	25	• LINE, Fuel (0.3125")
15	102984	380	• LINE, Fuel (0.3125")
16	159332	1	• FITTING, 90° L (0.313" barb-0.25" NTPM)
17	102984	185	• LINE, Fuel 5/16 #47PB-B194
18	103473	2	• BOLT, Hex head (0.375"-16 x 1.00" gr 5)
19	104694	2	• WASHER, Flat (#10)
20	166829	1	• BOLT, Hex head (0.312"-18 x 2.75" gr 5)
21	103321	12	• CLAMP, Hose (0.50")
22	211618	1	• BOSS, (0.625" OD x 0.50" ID)
23	212844	1	FILTER, Pre-fuel
	212845	1	• ELEMENT, Pre-fuel filter
	212846	1	• O-RING, Pre-fuel filter
24	212847	1	PUMP, Lift - Perkins

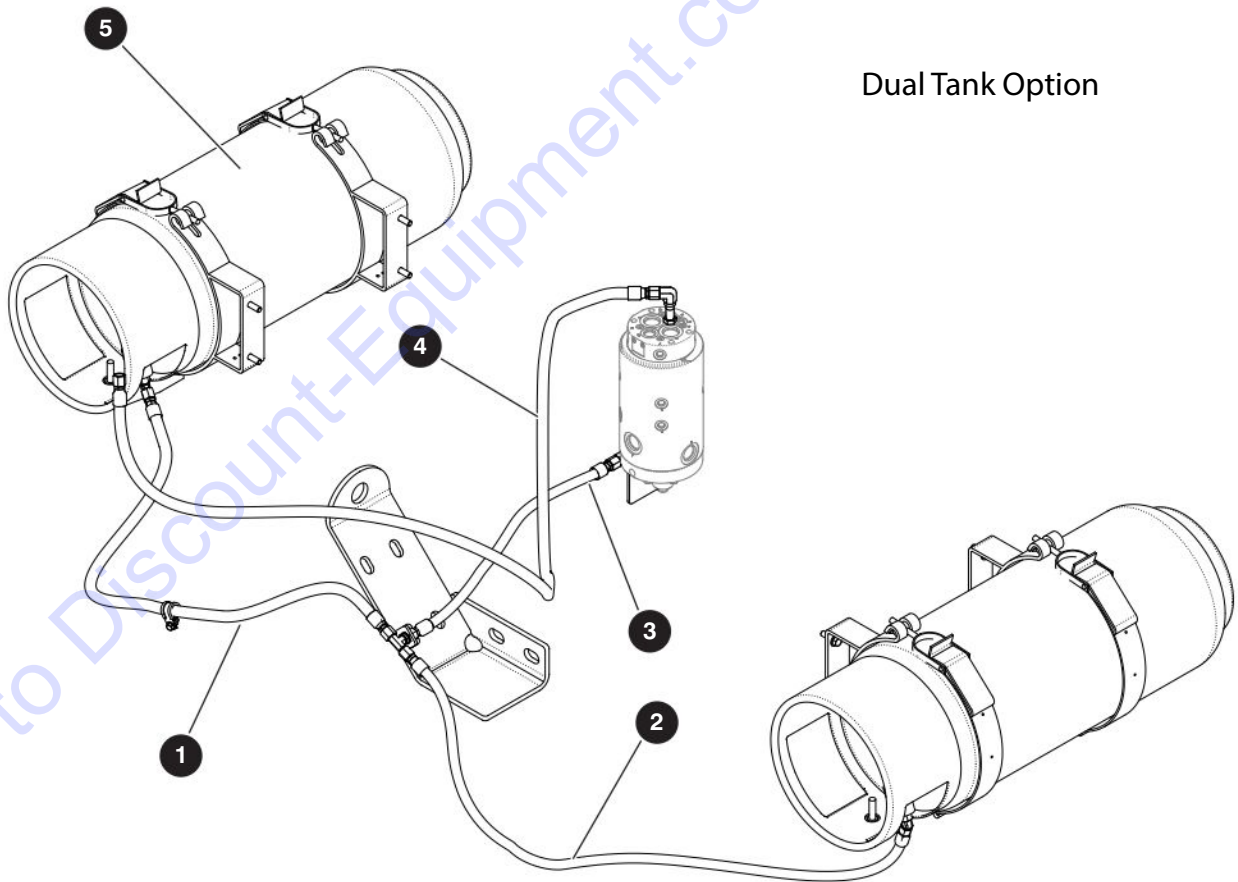
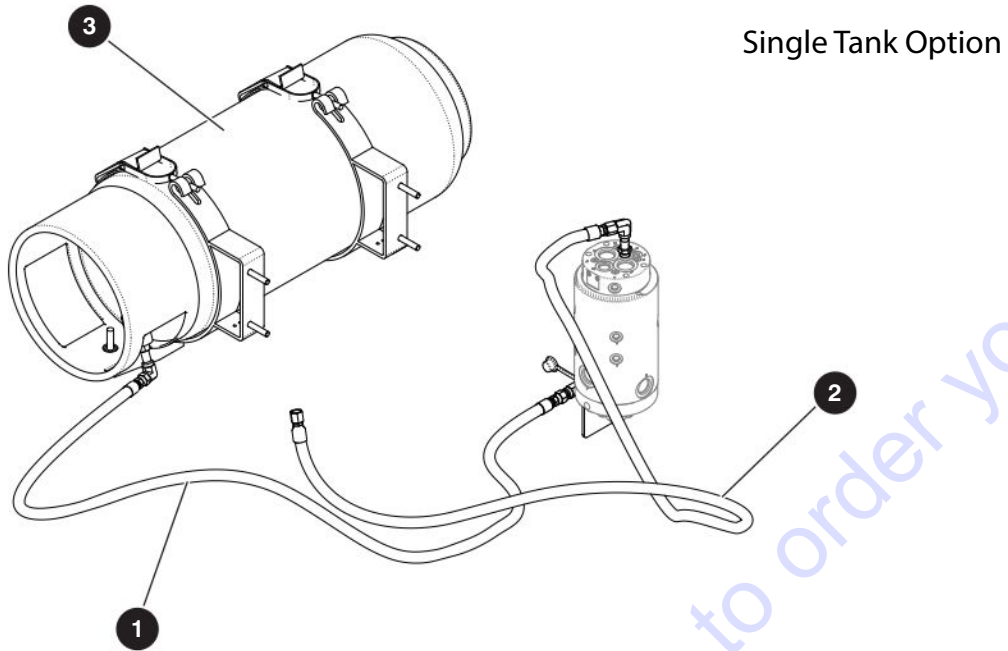


M198425AB

8.9 Fuel Lines – Gasoline - Kubota WG3800

Index No.	Skyjack Part No.	Qty.	Description
-	198425	1	FUEL LINE ASSEMBLY - Kubota WG3800
1	171177	2	• CLAMP, Loop - vinyl coated (2")
2	142397	6	• FITTING, Straight - quick connect gas
3	103995	4	• WASHER, Flat (0.25")
4	115649	2	• NUT, Lock (0.25"-20 gr 5)
5	103472	2	• WASHER, Flat (0.375")
6	103871	1	• BOLT, Hex head (0.375"-16 x 1.75" gr 5)
7	104606	1	• NUT, Lock (0.375"-16 gr 5)
8	104379	1	• WASHER, Flat (0.50" hard)
9	103470	1	• WASHER, Lock (0.50" gr 5)
10	103909	1	• BOLT, Hex head (0.50"-13 x 1.25" gr 5)
11	103862	2	• BOLT, Hex head (0.25"-20 x 2.25" gr 5)
12	144129	1	• CLIP, Single (S332G10)
13	103321	10	• CLAMP, Gear
14	170571	2	• STEM, Quick connect (8 mm tube SAE #3)
15	170572	2	• STEM, Quick connect (8 mm tube SAE #6)
16	142405	135"	• FUEL LINE, Setiflex II (0.3125")
17	142405	8"	• FUEL LINE, Setiflex II (0.3125")
18	142405	24"	• FUEL LINE, Setiflex II (0.3125")
19	142405	8"	• FUEL LINE, Setiflex II (0.3125")
20	142405	12"	• FUEL LINE, Setiflex II (0.3125")
21	142398	1	• FITTING, 90° fuel quick connect
22	165716	1	• FITTING, Straight adapter (08BT-06FP)
23	165719	2	• FITTING, Beaded hose bard (0.313" tube)
24	118369	1	• WASHER, Lock (M4)
25	133339	1	• WASHER, Lock - ext tooth (M5)
26	133872	1	• NUT, Hex (M5-0.8)
27	118367	1	• NUT, Hex (M4-0.7)
28	164883	1	MANIFOLD, Fuel pressure
29	164881	1	PUMP, Fuel - Kubota
26	136118	1	FILTER, Fuel - Kubota

8.10 Fuel Lines – Propane - Kubota WG3800

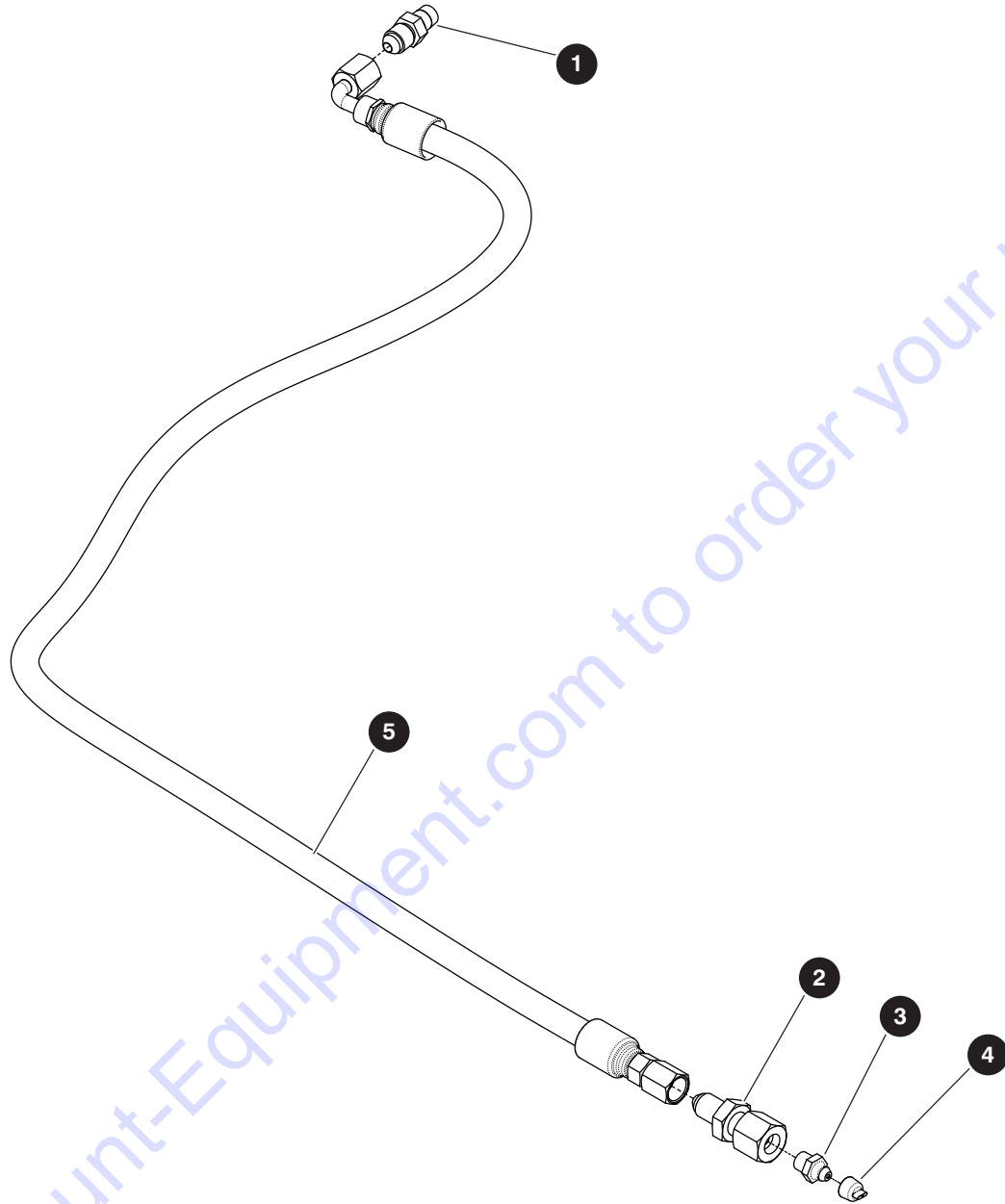


M198196AB_M196491AA-1

8.10 Fuel Lines – Propane - Kubota WG3800

Index No.	Skyjack Part No.	Qty.	Description
-	198196	1	SINGLE PROPANE TANK - Kubota WG3800
1	152265	1	<ul style="list-style-type: none"> • HOSE, Propane (45 SAE x 84") • HOSE, Propane (45 SAE x 103") • PROPANE TANK ASSEMBLY & FITTINGS - Single tank (For components, refer to 5.20 Propane Tanks)
2	144327	1	
3	(Ref.)	1	
-	198491	1	DUAL PROPANE TANK - Kubota WG3800
1	211859	1	<ul style="list-style-type: none"> • HOSE, Propane (45 SAE x 53") • HOSE, Propane (45 SAE x 50") • HOSE, Propane (45 SAE x 25") • HOSE, Propane (45 SAE x 103") • PROPANE TANK ASSEMBLY & FITTINGS - Dual tanks (For components, refer to 5.20 Propane Tanks)
2	211858	1	
3	211857	1	
4	144327	1	
5	(Ref.)	1	

8.11 Grease Line



M198008AC

Index No.	Skyjack Part No.	Qty.	Description
-	198008	1	GREASE LINE SUBGROUP
1	405588	1	• FITTING, Straight (02NPTM-04JICM)
2	406595	1	• FITTING, Straight bulkhead (02NPTF-04JICM)
3	102027	1	• FITTING, Grease straight (1/8 NPT)
4	132565	1	• CAP, Grease (GC5)
5	H540400680	1	• HOSE, Hydraulic (0.25"/100R17 x 68" lg)

Section 9 – Optional Equipment

9.1 *Oil Cooler with No Generator*

9.2 *Oil Cooler*

9.3 *Generator and Cooler Assembly - 3.5 kW*

9.4 *Generator - 3.5 kW*

9.5 *Generator and Cooler Assembly - 7.5 kW*

9.6 *Generator - 7.5 kW*

9.7 *Generator and Cooler Assembly - 12 kW*

9.8 *Generator - 12 kW*

9.9 *Generator and Oil Cooler Wiring*

9.10 *Welder*

9.11 *Pipe Rack*

9.12 *External Railing*

9.13 *SGM*

9.14 *Control Box Cover*

9.15 *Tool Caddy*

9.16 *Work Lights*

9.17 *Flashing Light*

9.18 *All Motion Alarm*

9.19 *Residual Current Device (RCD)*

9.20 *Diesel Scrubber*

9.21 *Positive Air Shut-off Option*

9.22 *Hostile Environment*

9.23 *Cold Start Package*

9.24 *Arctic Package*

9.25 *Load Circuit*

9.26 *Block Heater*

9.27 *Air Line to Platform*

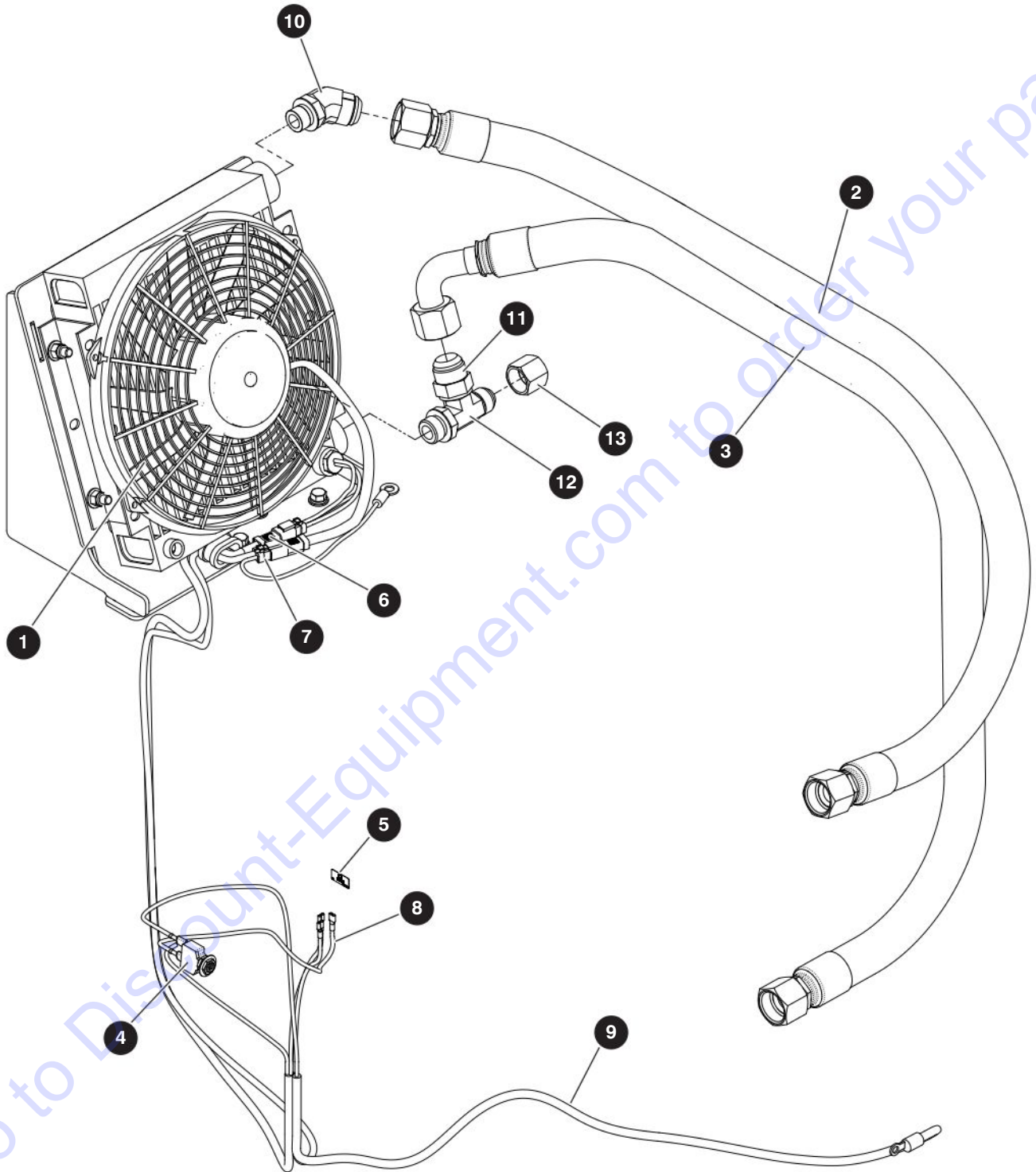
9.28 *Half-Height Platform Mesh*

9.29 *Additional Anti-Overriding Posts - KC*

9.30 *Elevate Telematics*

9.31 *Elevate Telematics Subscription*

9.1 Oil Cooler with No Generator



M198475AA

210340AE
250

SJ85AJ
SKYJACK

9.1 Oil Cooler with No Generator

Index No.	Skyjack Part No.	Qty.	Description
-	198475	-	OIL COOLER WITH NO GENERATOR
1	167129	1	<ul style="list-style-type: none"> OIL COOLER (For components, refer to 9.2 Oil Cooler)
-	198476	1	<ul style="list-style-type: none"> OIL COOLER HOSE KIT
2	H251600510	1	<ul style="list-style-type: none"> HOSE, Hydraulic (1.00" / 100R4 x 51")
3	H381600580	1	<ul style="list-style-type: none"> HOSE, Hydraulic (1.00 / 100R4 x 58")
-	212870	1	<ul style="list-style-type: none"> OIL COOLER ELECTRICAL ASSEMBLY
4	117326	1	<ul style="list-style-type: none"> BREAKER, Circuit (20 amp)
5	144193	1	<ul style="list-style-type: none"> LABEL, Cooler relay 86CR
6	148485	1	<ul style="list-style-type: none"> HARNESS, Cooler temperature switch
7	148484	1	<ul style="list-style-type: none"> HARNESS, Cooler fan
8	212869	1	<ul style="list-style-type: none"> WIRE, Cooler relay
9	144074	1	<ul style="list-style-type: none"> HARNESS, Cooler power
10	152552	1	<ul style="list-style-type: none"> FITTING, 45° (16JICM-12ORBM)
11	168652	1	<ul style="list-style-type: none"> FITTING, Straight (12JICF-16JICM)
12	144116	1	<ul style="list-style-type: none"> FITTING, Run tee (12JICM-12ORBM-12JICM)
13	131753	1	<ul style="list-style-type: none"> FITTING, Cap (12JICF)

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

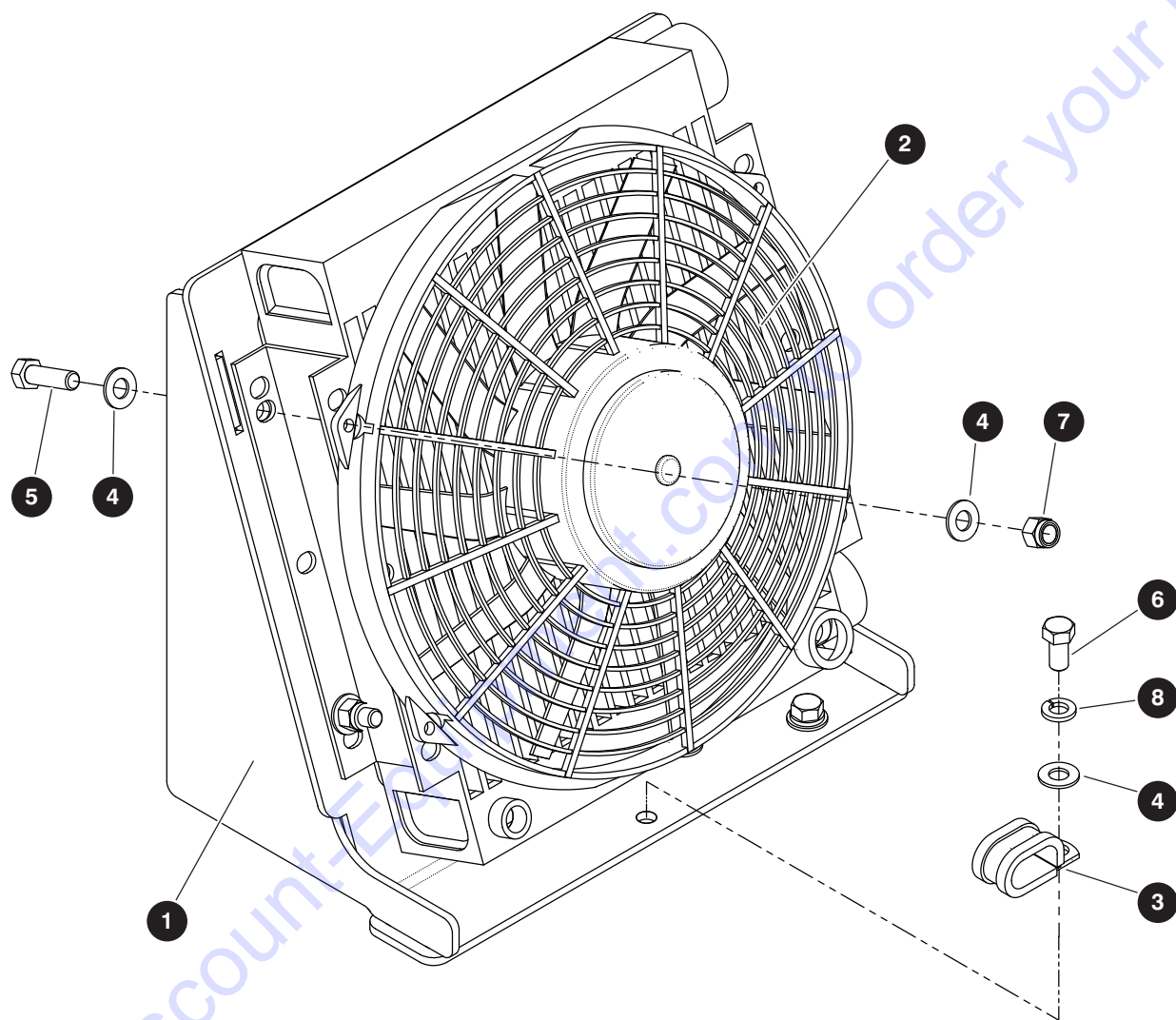
Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

9.2 Oil Cooler



M198475AA

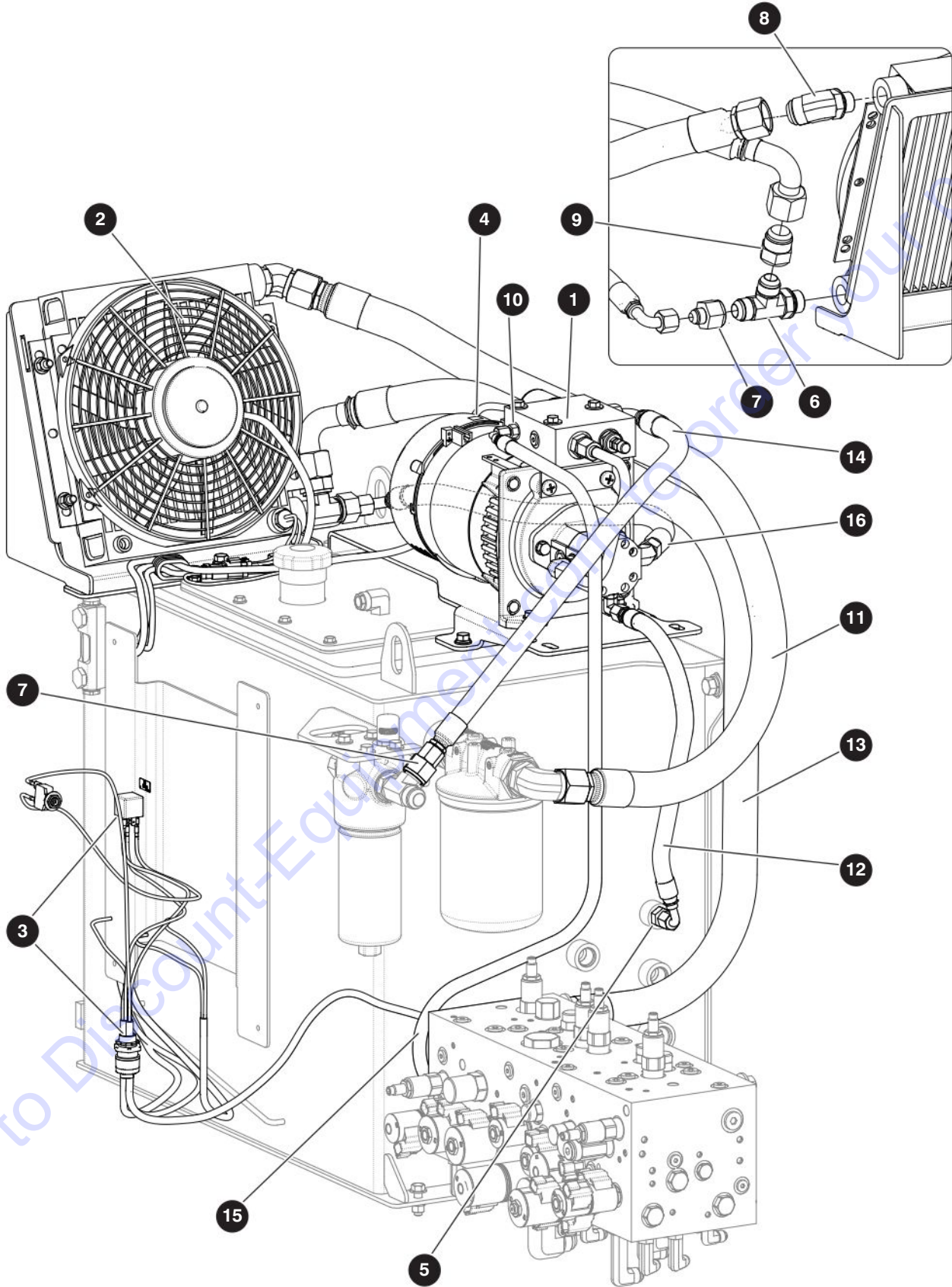
210340AE
252

SJ85AJ
SKYJACK

9.2 Oil Cooler

Index No.	Skyjack Part No.	Qty.	Description
-	167129	1	OIL COOLER ASSEMBLY
1	167121	1	• MOUNT, Oil cooler
2	160800	1	• COOLER, Oil - hydraulic (12V DC)
3	103078	1	• CLIP, Double
4	103472	11	• WASHER, Flat (0.375")
5	101297	4	• BOLT, Hex head (0.375"-16 x 1.25" gr 5)
6	101632	3	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)
7	104606	4	• NUT, Hex head lock (0.375"-16 gr 5)
8	103999	3	• WASHER, Lock (0.375")

9.3 Generator and Cooler Assembly - 3.5 kW



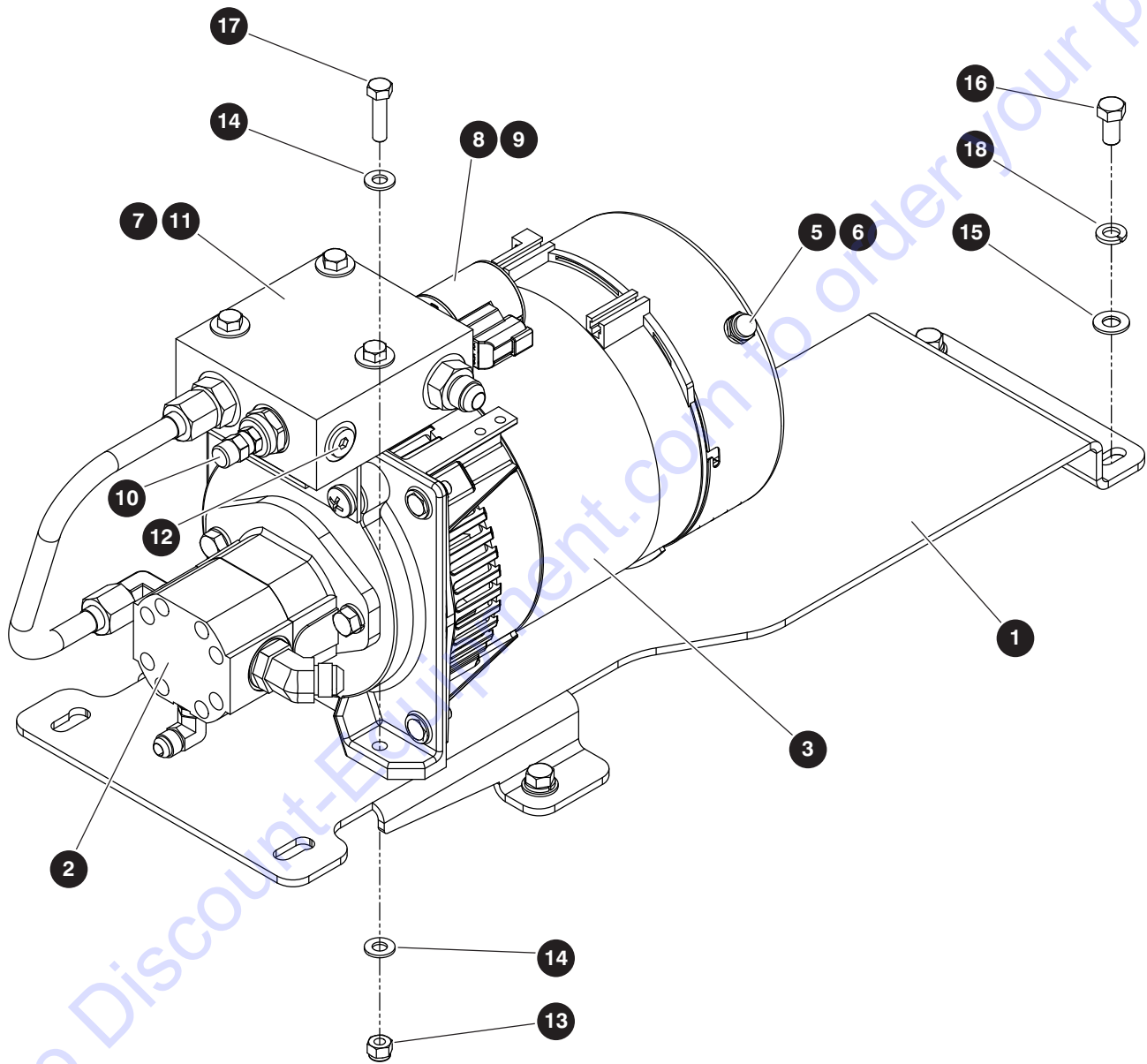
M198047AB

9.3 Generator and Cooler Assembly - 3.5 kW

Index No.	Skyjack Part No.	Qty.	Description
A	198047	1	3.5 kW GENERATOR AND OIL COOLER ASSEMBLY (60 Hz) - ANSI/CSA
B	198048	1	3.5 kW GENERATOR AND OIL COOLER ASSEMBLY (50 Hz) - CE & KC
1	(Ref.)	1	<ul style="list-style-type: none"> 3.5 kW GENERATOR (For components, refer to 9.4 Generator - 3.5 kW)
2	(Ref.)	1	<ul style="list-style-type: none"> OIL COOLER ASSEMBLY (For components, refer to 9.2 Oil Cooler)
3	(Ref.)	1	<ul style="list-style-type: none"> ELECTRICAL ASSEMBLY (For components, refer to 9.9 Generator and Oil Cooler Wiring)
4	117390	1	<ul style="list-style-type: none"> LABEL, Push to reset generator
5	103070	1	<ul style="list-style-type: none"> FITTING, Straight (06JICM-08ORBM)
6	144116	1	<ul style="list-style-type: none"> FITTING, Run tee (12JICM-12ORBM-12JICM)
7	703412	1	<ul style="list-style-type: none"> FITTING, Straight (12JICF-08JICM)
8	152552	1	<ul style="list-style-type: none"> FITTING, 45° (16JICM-12ORBM)
9	168652	1	<ul style="list-style-type: none"> FITTING, Straight (12JICF-16JICM)
10	144474	1	<ul style="list-style-type: none"> FITTING, Straight (04JICM-04ORBM x 0.028 port)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	198079	<ul style="list-style-type: none"> HOSE ASSEMBLY, Generator - 3.5 kW 			
11	H2516 0051 0	Oil Cooler	OUT	IN	Hydraulic return filter
12	H5406 0021 0	Generator	Case	T7	Hydraulic tank
13	H3816 0058 0	Oil Cooler	IN	T	Main manifold
14	H5408 0031 0	Generator	P3	OUT	High pressure filter
15	H5404 0044 0	Generator	P2	LS1	Main manifold
16	H5408 0026 0	Oil Cooler	IN	OUT	Generator

9.4 Generator - 3.5 kW



M168699AA

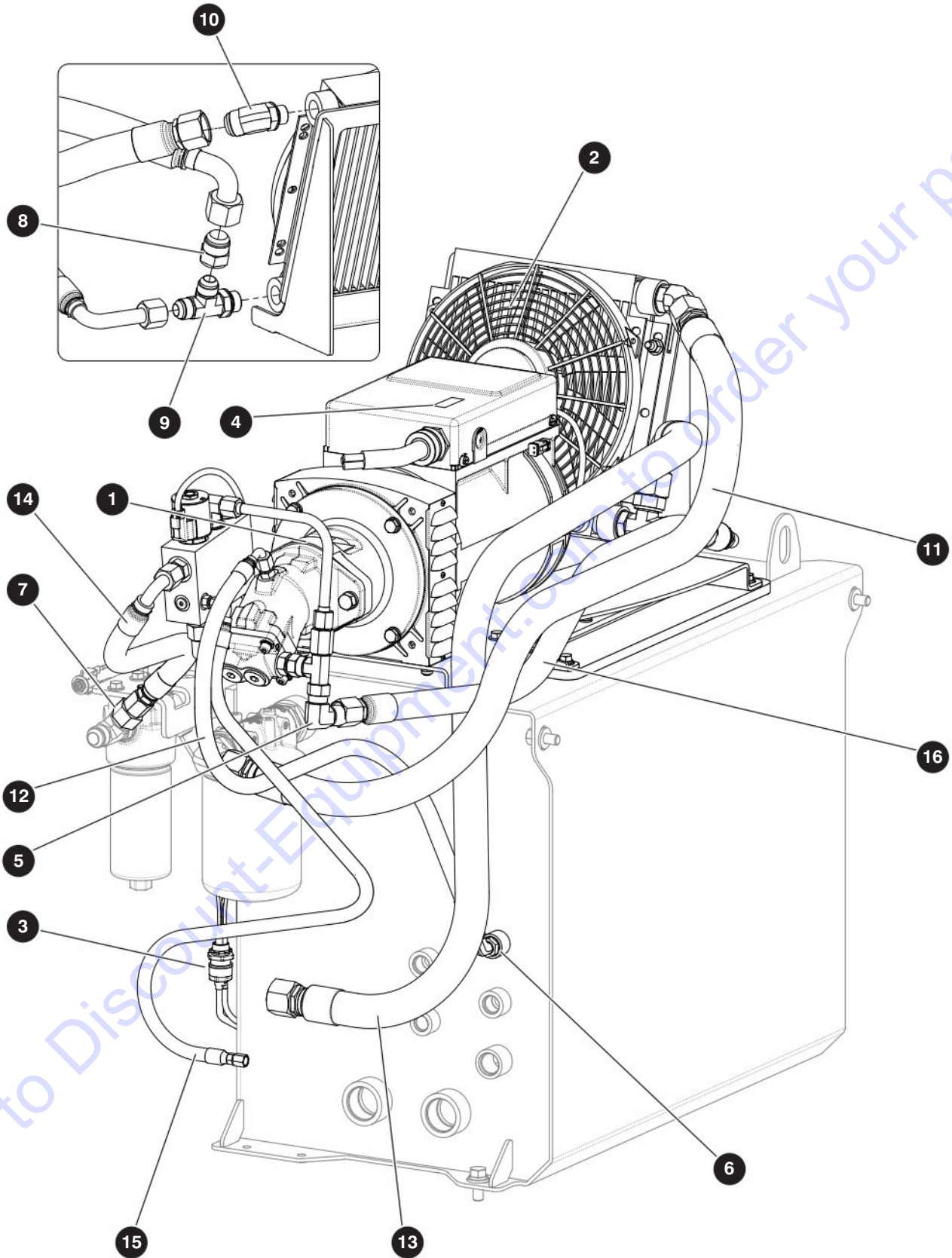
210340AE
256

SJ85AJ
SKYJACK

9.4 Generator - 3.5 kW

Index No.	Skyjack Part No.	Qty.	Description
A	168699	-	GENERATOR ASSEMBLY - 3.5 kW 60Hz - ANSI/CSA
B	167122	-	GENERATOR ASSEMBLY - 3.5 kW 50Hz - CE & KC
1	167118	1	• BRACKET, Generator mounting
-	166448	1	• GENERATOR, 3.5kW - 60Hz, A
-	166450	1	• GENERATOR, 3.5kW - 50Hz, B
2	171419	1	• • MOTOR, Hydraulic - 5 cc
3	197773	1	• • ALTERNATOR, Generator - 60 Hz, A
3	197774	1	• • ALTERNATOR, Generator - 50 Hz, B
4	197775	1	• • CORD, GFI (not shown)
5	117325	1	• • BREAKER, Circuit - 15 amp
6	162508	1	• • BOOT, Circuit breaker
-	168618	1	• • MANIFOLD, Generator - 3.5 kW
7	197769	1	• • • BLOCK, Manifold
8	168056	1	• • • VALVE, Solenoid
9	168057	1	• • • COIL, Solenoid
10	171450	1	• • • VALVE, Flow control
11	197770	1	• • • VALVE, Check
12	710508	1	• • • FITTING, Plug hollow hex (06ORB)
13	103984	3	• NUT, Hex head (0.312"-18, Grade 5)
14	103996	6	• WASHER, Flat (0.312")
15	103472	4	• WASHER, Flat (0.375")
16	101632	4	• BOLT, Hex head (0.375"-16 x 0.75", Grade 5)
17	112532	3	• BOLT, Hex head (0.312"-18 x 1.25", Grade 5)
18	103999	4	• WASHER, Lock (0.375")

9.5 Generator and Cooler Assembly - 7.5 kW



M198376AB

210340AE
258

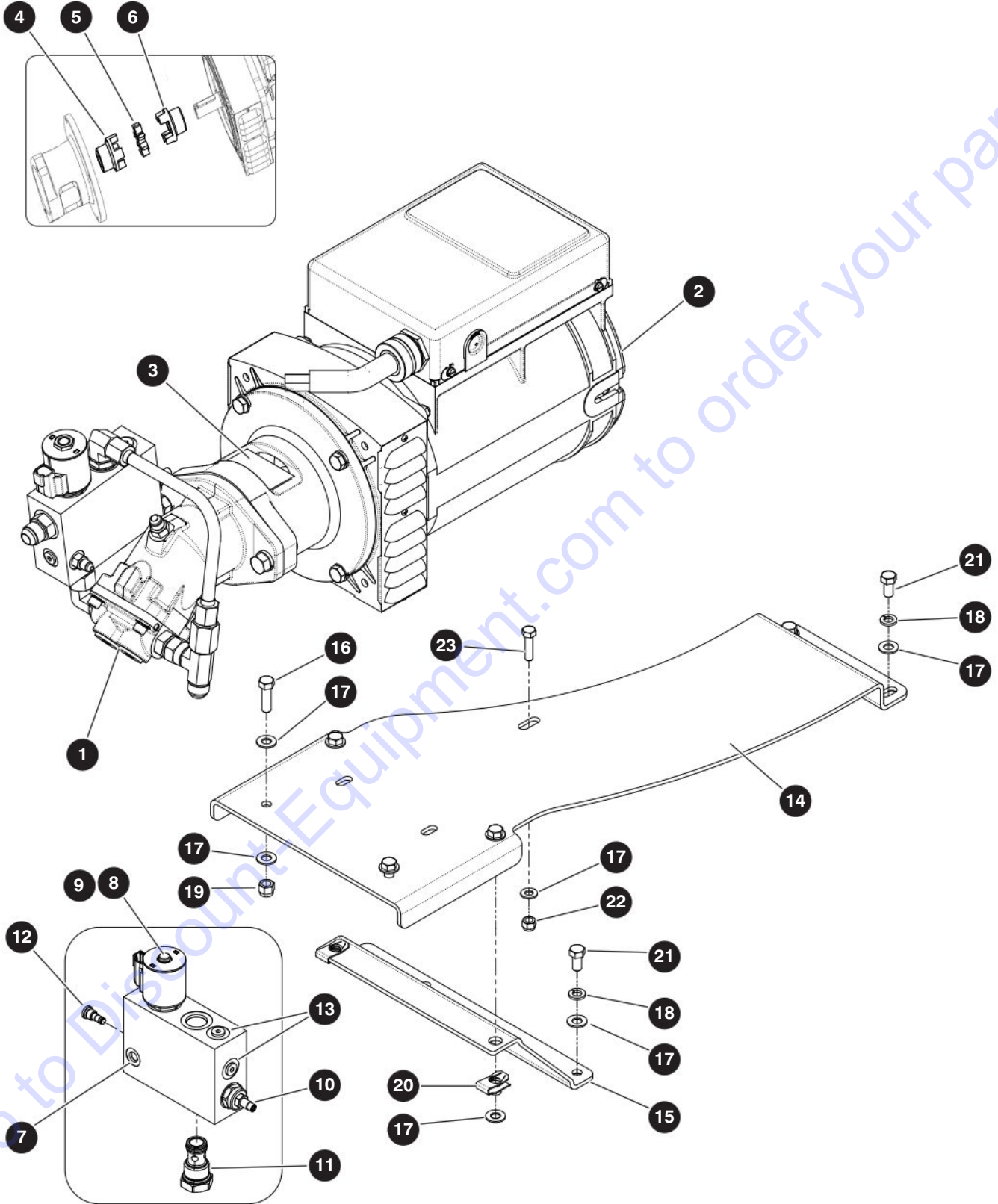
SJ85AJ
SKYJACK

9.5 Generator and Cooler Assembly - 7.5 kW

Index No.	Skyjack Part No.	Qty.	Description
-	198376	1	7.5 kW GENERATOR AND OIL COOLER ASSEMBLY (60 Hz) - AS
1	(Ref.)	1	<ul style="list-style-type: none"> • 3.5 kW GENERATOR (For components, refer to 9.6 Generator - 7.5 kW)
2	(Ref.)	1	<ul style="list-style-type: none"> • OIL COOLER (For components, refer to 9.2 Oil Cooler)
3	(Ref.)	1	<ul style="list-style-type: none"> • GENERATOR AND OIL COOLER WIRING (For components, refer to 9.9 Generator and Oil Cooler Wiring)
4	117390	1	<ul style="list-style-type: none"> • LABEL, Push to reset generator
5	171433	1	<ul style="list-style-type: none"> • FITTING, 90° (10JICF-12JICM)
6	102665	1	<ul style="list-style-type: none"> • FITTING, 90° (06JICM-08ORBM)
7	139153	1	<ul style="list-style-type: none"> • FITTING, Straight (10JICM-12JICF)
8	168652	1	<ul style="list-style-type: none"> • FITTING, Straight (12JICF-16JICM)
9	144116	1	<ul style="list-style-type: none"> • FITTING, Run tee (12JICM-12ORBM-12JICM)
10	152552	1	<ul style="list-style-type: none"> • FITTING, 45° (16JICM-12ORBM)

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	198046	<ul style="list-style-type: none"> • HOSE ASSEMBLY, Generator - 7.5 kW and 12 kW 			
11	H2516 0051 0	Oil Cooler	OUT	IN	Hydraulic return filter
12	H5406 0034 0	Generator	Case	T7	Hydraulic tank
13	H3816 0058 0	Oil Cooler	IN	T	Main manifold
14	H5410 0021 0	Generator	P3	OUT	High pressure filter
15	H5404 0040 0	Generator	P2	LS1	Main manifold
16	H3912 0039 0	Oil Cooler	IN	OUT	Generator

9.6 Generator - 7.5 kW



M198377AB

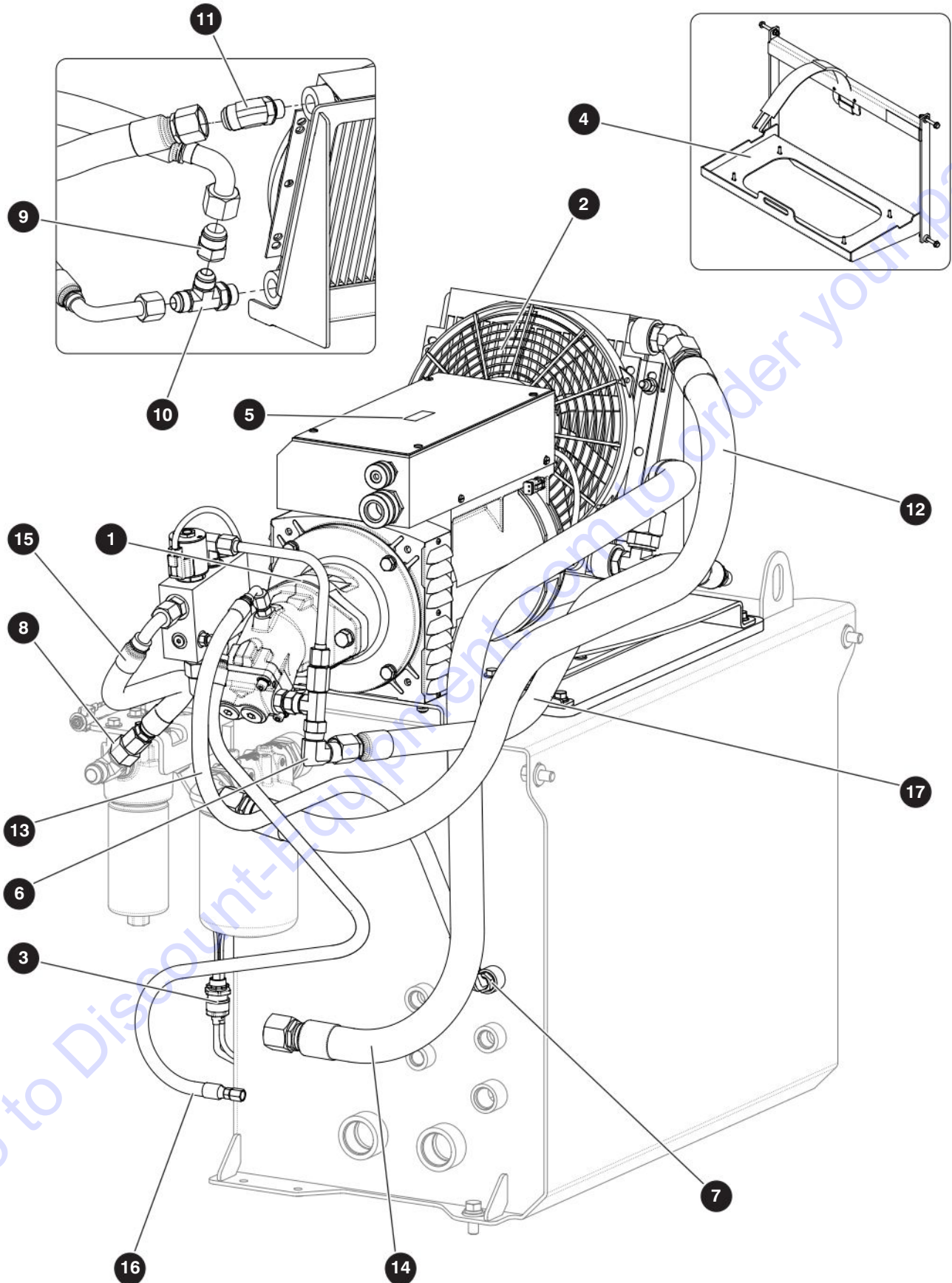
210340AE
260

SJ85AJ
SKYJACK

9.6 Generator - 7.5 kW

Index No.	Skyjack Part No.	Qty.	Description
-	198377	1	GENERATOR ASSEMBLY - 7.5 kW - AS
-	209157	1	• GENERATOR, 7.5 kW
1	171438	1	• • MOTOR, Generator - 18 cc
2	213016	1	• • ALTERNATOR, Generator
3	197776	2	• • COVER, Access
4	197777	1	• • COUPLING, Motor
5	197778	1	• • INSERT, Coupling
6	197779	1	• • COUPLING, Alternator
-	197766	1	• • MANIFOLD, Generator
7	198586	1	• • • BLOCK, Manifold
8	168058	1	• • • VALVE, Solenoid
9	168057	1	• • • COIL, Solenoid
10	171450	1	• • • VALVE, Flow regulator
11	171410	1	• • • VALVE, Check (12)
12	197770	1	• • • VALVE, Check (04)
13	709963	2	• • • PLUG, Hollow hex (04 ORB)
14	198044	1	• BRACKET, Generator mounting
15	198045	1	• BRACKET, Generator mounting foot
16	101297	2	• BOLT, Hex head (0.375"-16 x 1.25", Grade 5)
17	103472	9	• WASHER, Flat (0.375")
18	103999	4	• WASHER, Lock (0.375")
19	104606	2	• NUT, Lock (0.375"-16 gr 5)
20	159294	2	• NUT, Speed clip (0.375"-16)
21	101632	4	• BOLT, Hex head (0.375"-16 x 0.75", Grade 5)
22	144260	3	• NUT, Hex lock (M10-1.25 cl 8)
23	103850	3	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)

9.7 Generator and Cooler Assembly - 12 kW

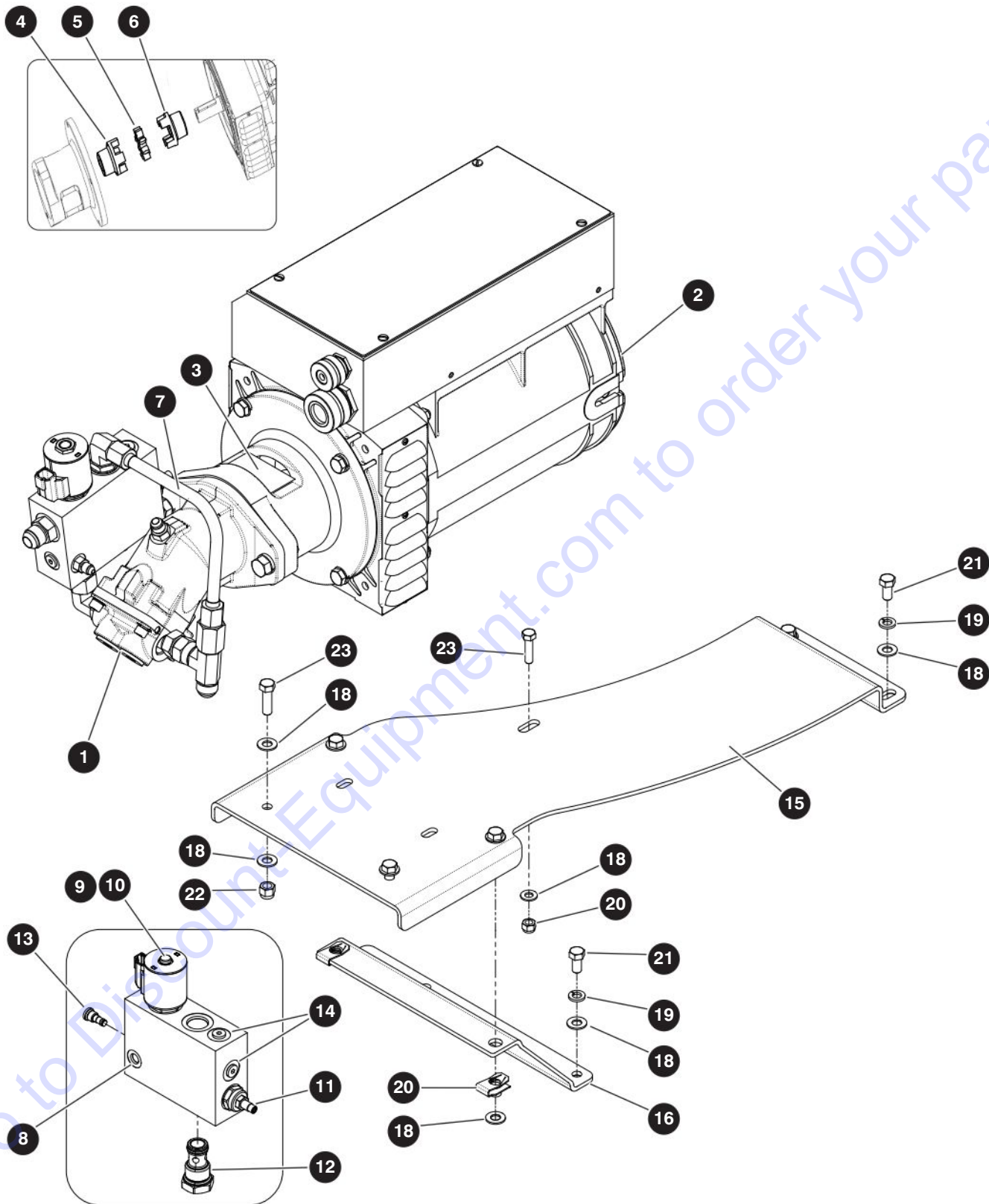


M198042AB

9.7 Generator and Cooler Assembly - 12 kW

Index No.	Skyjack Part No.	Qty.	Description
-	198042	1	12 kW GENERATOR AND OIL COOLER ASSEMBLY (60 Hz) - ANSI/CSA
1	(Ref.)	1	<ul style="list-style-type: none"> • 12 kW GENERATOR (For components, refer to 9.8 Generator - 12 kW)
2	(Ref.)	1	<ul style="list-style-type: none"> • OIL COOLER (For components, refer to 9.2 Oil Cooler)
3	(Ref.)	1	<ul style="list-style-type: none"> • GENERATOR AND OIL COOLER WIRING (For components, refer to 9.9 Generator and Oil Cooler Wiring)
4	(Ref.)	1	<ul style="list-style-type: none"> • WELDER MOUNTING ASSEMBLY (For components, refer to 9.10 Welder)
5	117390	1	<ul style="list-style-type: none"> • LABEL, Push to reset generator
6	171433	1	<ul style="list-style-type: none"> • FITTING, 90° (10JICF-12JICM)
7	102665	1	<ul style="list-style-type: none"> • FITTING, 90° (06JICM-08ORBM)
8	139153	1	<ul style="list-style-type: none"> • FITTING, Straight (10JICM-12JICF)
9	168652	1	<ul style="list-style-type: none"> • FITTING, Straight (12JICF-16JICM)
10	144116	1	<ul style="list-style-type: none"> • FITTING, Run tee (12JICM-12ORBM-12JICM)
11	152552	1	<ul style="list-style-type: none"> • FITTING, 45° (16JICM-12ORBM)

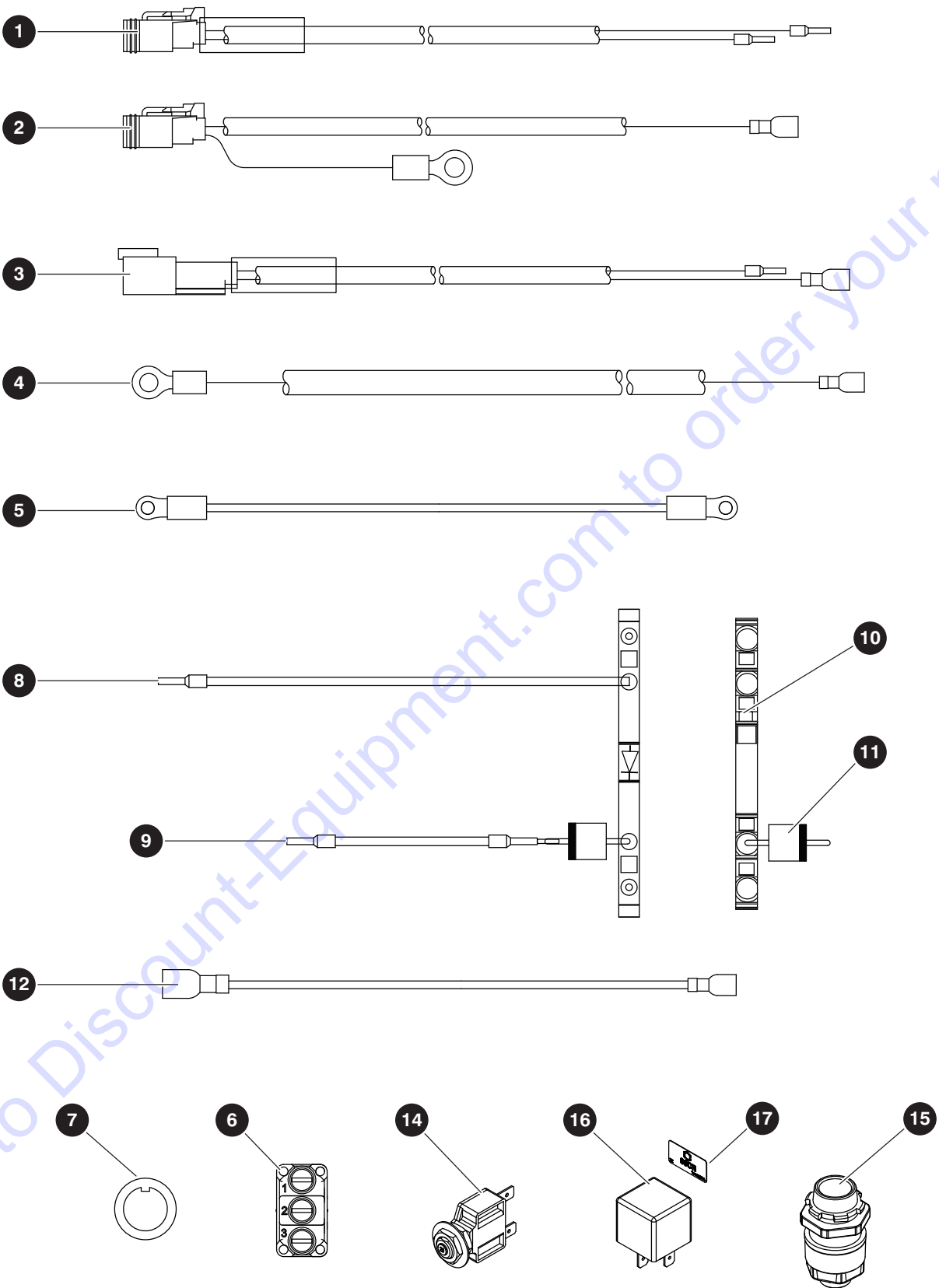
Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	198046	<ul style="list-style-type: none"> • HOSE ASSEMBLY, Generator - 7.5 kW and 12 kW 			
12	H2516 0051 0	Oil Cooler	OUT	IN	Hydraulic return filter
13	H5406 0034 0	Generator	Case	T7	Hydraulic tank
14	H3816 0058 0	Oil Cooler	IN	T	Main manifold
15	H5410 0021 0	Generator	P3	OUT	High pressure filter
16	H5404 0040 0	Generator	P2	LS1	Main manifold
17	H3912 00139 0	Oil Cooler	IN	OUT	Generator



M198043AB

Index No.	Skyjack Part No.	Qty.	Description
-	198043	1	GENERATOR ASSEMBLY - 12 kW - ANSI/CSA
-	171427	1	• GENERATOR, 12 kW
1	171438	1	• • MOTOR, Generator - 18 cc
2	197774	1	• • ALTERNATOR, Generator
3	197778	2	• • COVER, Mount
4	197777	1	• • COUPLING, Motor
5	197780	1	• • INSERT, Coupling
6	197779	1	• • COUPLING, Alternator
7	221391	1	• • TUBE, Hydraulic
-	197766	1	• • MANIFOLD, Generator
8	198586	1	• • • BLOCK, Manifold
9	168058	1	• • • VALVE, Solenoid
10	168057	1	• • • COIL, Solenoid
11	171450	1	• • • VALVE, Flow regulator
12	171410	1	• • • VALVE, Check (12)
13	197770	1	• • • VALVE, Check (04)
14	709963	2	• • • PLUG, Hollow hex (04 ORB)
15	198044	1	• BRACKET, Generator mounting
16	198045	1	• BRACKET, Generator mounting foot
17	101297	2	• BOLT, Hex head (0.375"-16 x 1.25", Grade 5)
18	103472	9	• WASHER, Flat (0.375")
19	103999	4	• WASHER, Lock (0.375")
20	159294	2	• NUT, Speed clip (0.375"-16)
21	101632	4	• BOLT, Hex head (0.375"-16 x 0.75", Grade 5)
22	144260	3	• NUT, Hex lock (M10-1.25 cl 8)
23	103850	3	• BOLT, Hex head (0.375"-16 x 0.75" gr 5)

9.9 Generator and Oil Cooler Wiring

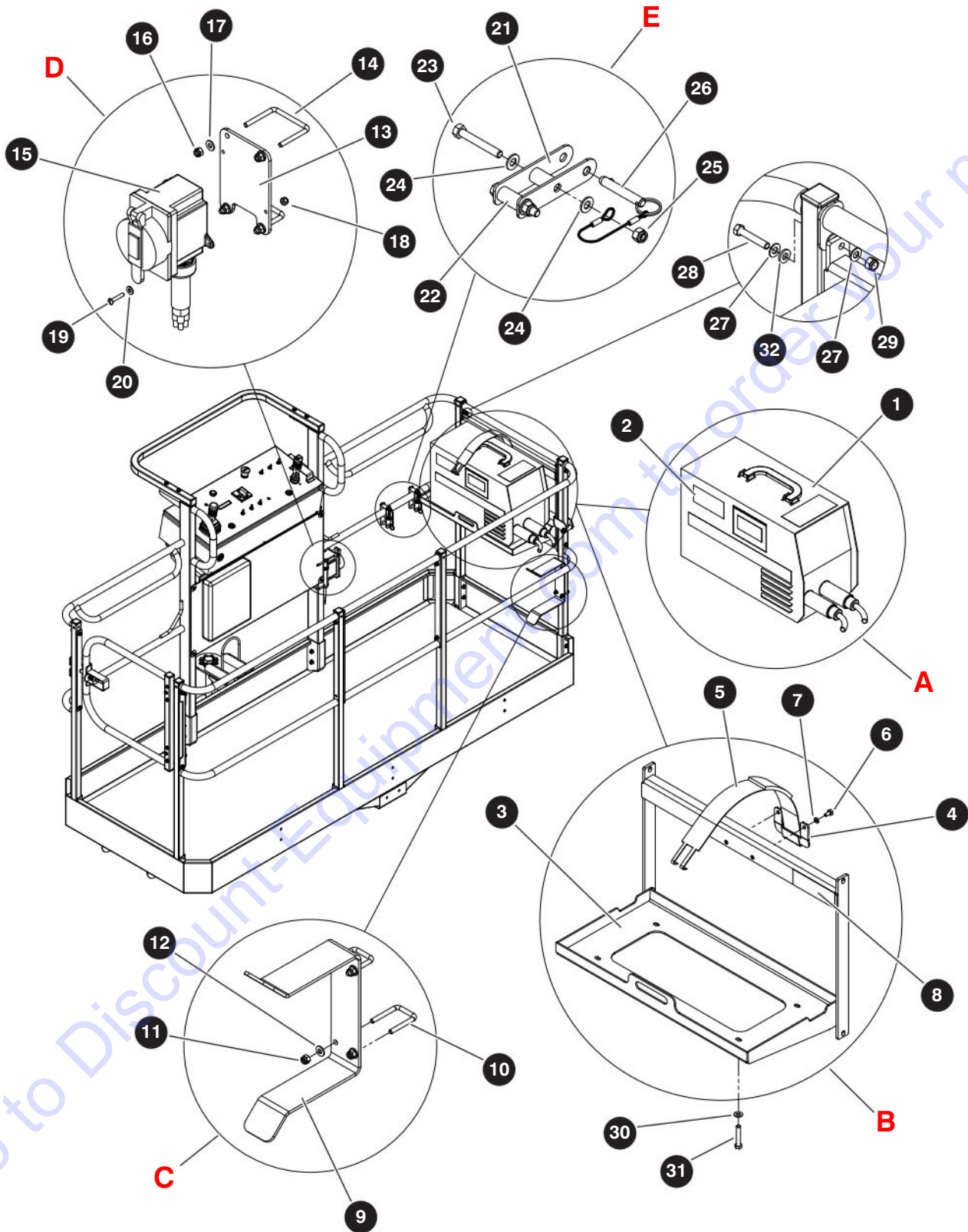


M198380AB

9.9 Generator and Oil Cooler Wiring

Index No.	Skyjack Part No.	Qty.	Description
A	198380	-	GENERATOR & OIL COOLER WIRING - 3.5 kW & 7.5 kW generators
B	198384	-	GENERATOR & OIL COOLER WIRING - 12 kW generator
C	166354	-	OIL COOLER ONLY WIRING - No Generator
D	198383	-	GENERATOR WIRING - Platform control box
E	166385	-	GENERATOR WIRING - Base control box
1	171441	1	• HARNESS, Generator manifold, A, B
2	148484	1	• HARNESS, Cooler fan, A, B, C
3	148485	1	• HARNESS, Cooler temperature sensor, A, B, C
4	144074	1	• HARNESS, Oil cooler power, A, B, C
-	198382	1	• GENERATOR WIRE ASSEMBLY (Platform control console), D
5	198381	1	• • WIRE, Generator (04)
6	115747	1	• • SWITCH, Toggle
7	144016	1	• • SEAL, Panel bushing (Toggle switch)
-	159937	1	• GENERATOR WIRE ASSEMBLY (Base control console), E
8	144085	1	• • WIRE, Generator (85)
9	159939	1	• • WIRE, Generator (D85-2)
10	137940	2	• • BLOCK, Terminal (4 COND. - through),
11	102921	1	• • DIODE
12	212869	1	• OIL COOLER RELAY WIRE, A, B, C
13	167126	1	• WELDER POWER CABLE (1380") (not shown), B
14	117326	1	• BREAKER, Circuit 20 amp, A, B, C
15	103041	2	• CONNECTOR, Strain relief, A, B, C
16	127131	1	• RELAY, 12V 40amp, A, B, C
17	144193	1	• LABEL, Cooler relay 86CR, A, B, C

9.10 Welder



M159917AD

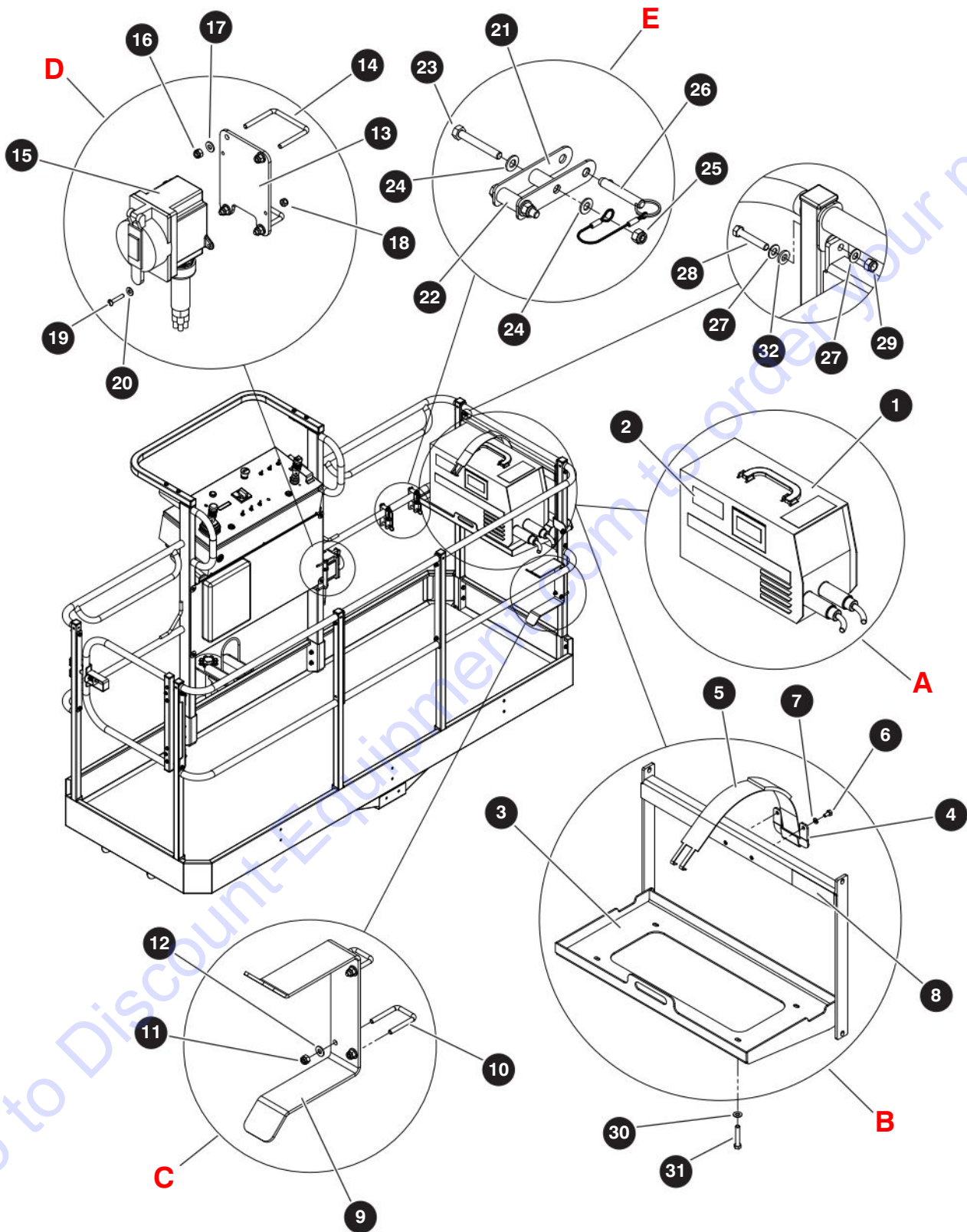
210340AE
268

SJ85AJ
SKYJACK

9.10 Welder

Index No.	Skyjack Part No.	Qty.	Description
A 1	148383	1	WELDER ASSEMBLY - ANSI/CSA
	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 3 4 5 6 7 8	159948	1	• WELDER TRAY ASSEMBLY
	159955	1	• • TRAY, Welder
	137814	1	• • PLATE, Strap
	103020	1	• • STRAPS (pair)
	103855	2	• • BOLT, Hex head (1/4"-20 x 0.50", Grade 5)
	104000	2	• • WASHER, Lock (1/4")
	147112	1	• • LABEL, Welder weight (90 lbs)
	C 9 10 11 12	144218	1
144220		1	• • BRACKET, Welding cables
144219		2	• • U BOLT, Welder bracket
115649		4	• • NUT, Hex lock (1/4"-20 Grade 5, nylon)
103995		4	• • WASHER, Flat (1/4")
D 13 14 15 16 17 18 19 20		144221	1
	144222	1	• • PLATE, Receptacle mounting
	144223	2	• • U BOLT, Receptacle mounting
	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
	115649	4	• • NUT, Hex lock (1/4"-20 Grade 5, nylon)
	103995	4	• • WASHER, Flat (1/4")
	300450	2	• • NUT, Hex lock (#10-32 Grade 5, nylon)
	105621	2	• • SCREW, Round head machine (#10-32 x 1")
	104694	2	• • WASHER, Flat (#10)

9.10 Welder



M159917AD

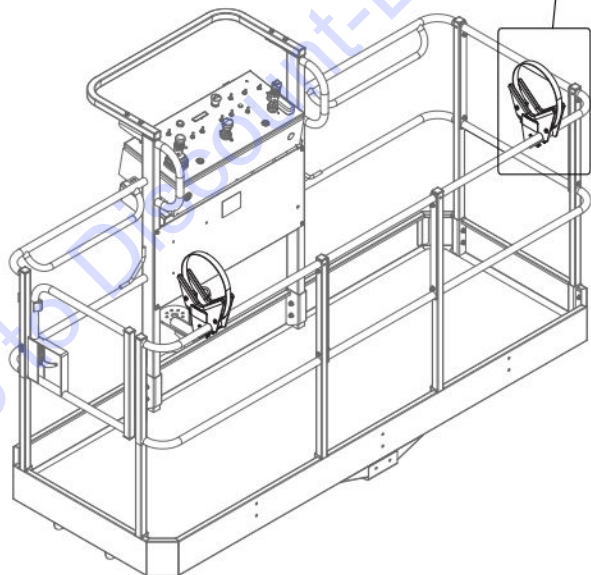
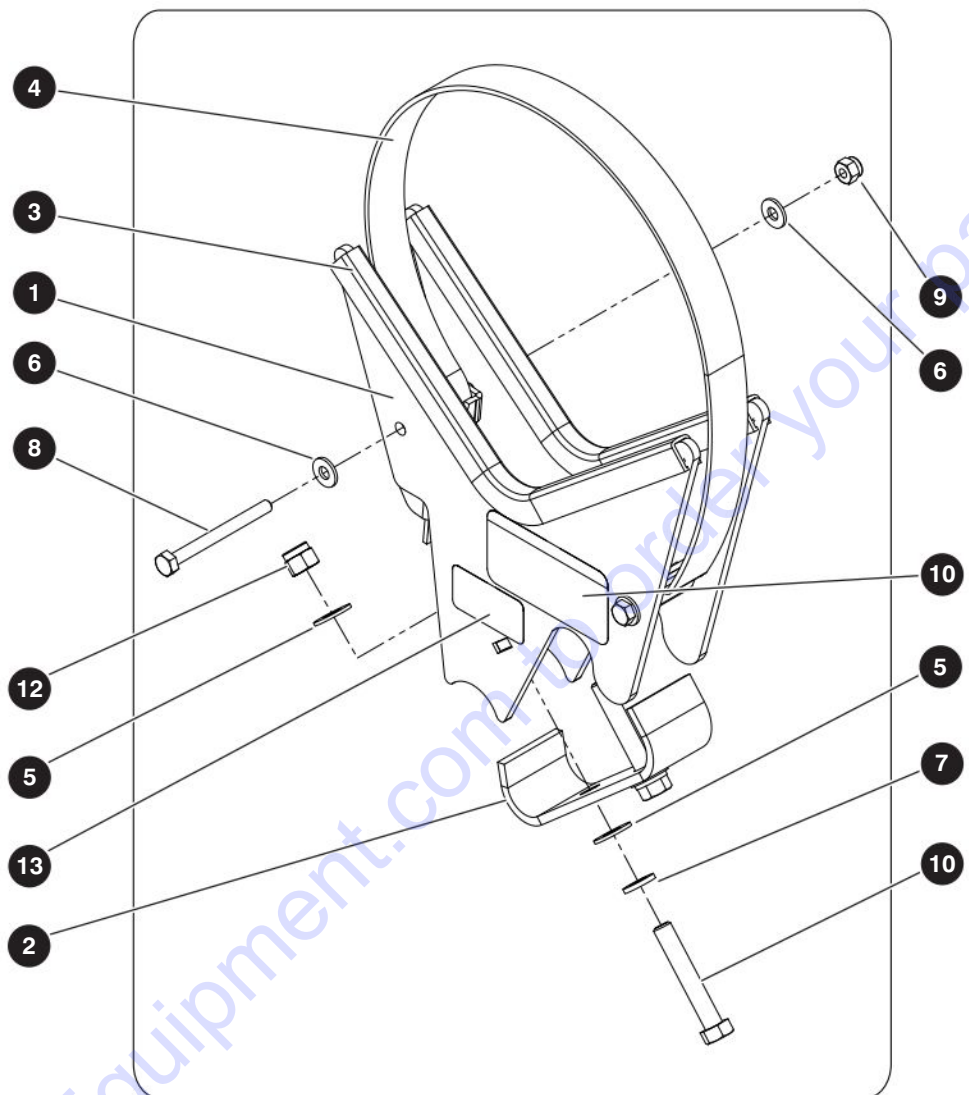
210340AE
270

SJ85AJ
SKYJACK

9.10 Welder

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)

9.11 Pipe Rack



M162052AD

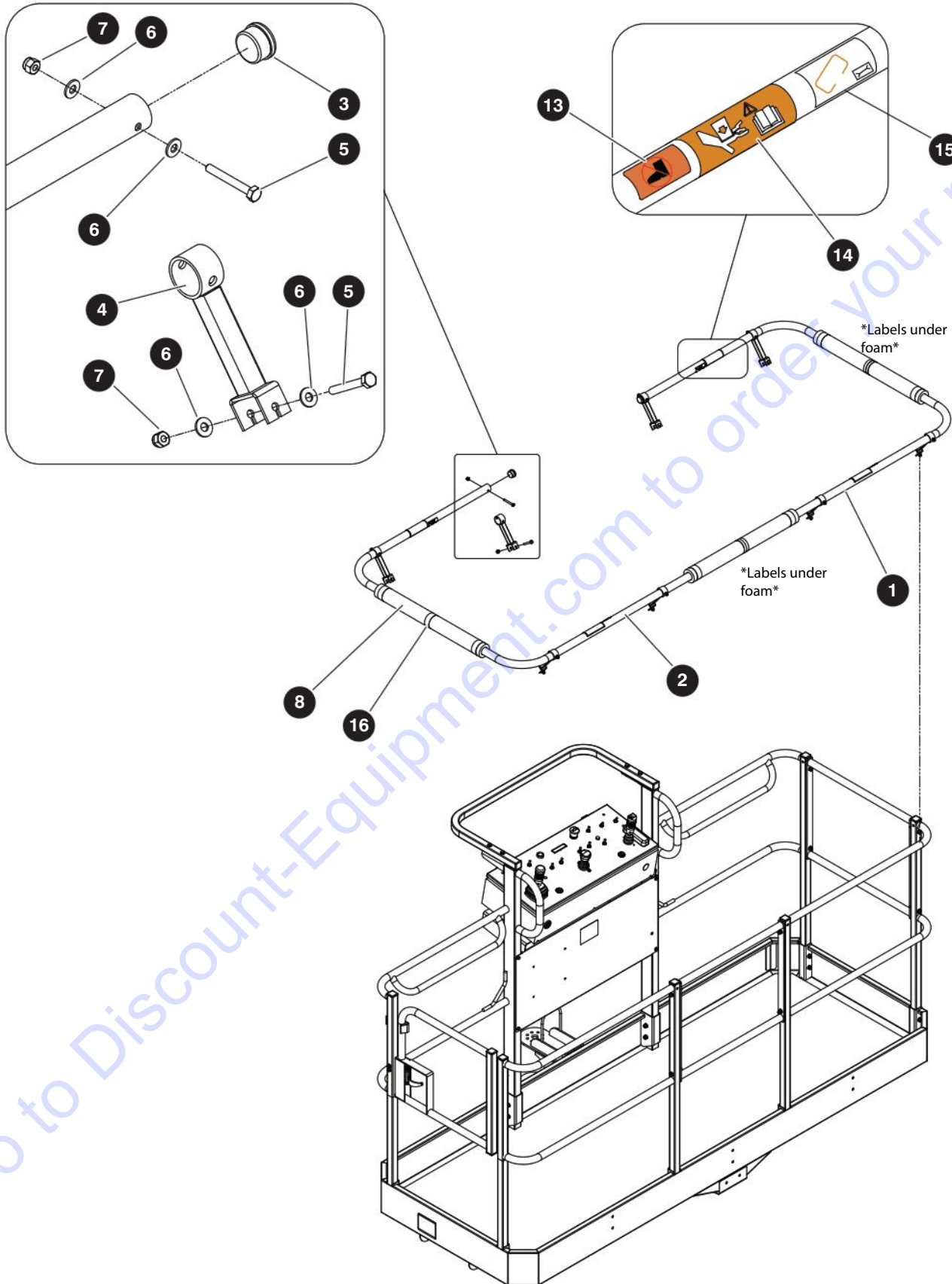
210340AE
272

SJ85AJ
SKYJACK

9.11 Pipe Rack

Index No.	Skyjack Part No.	Qty.	Description
-	162052	-	PIPE RACK ASSEMBLY
-	162051	-	• PIPE RACK
-	159901	2	• • PIPE RACK, Bracket assembly
1	159902	1	• • • WELDMENT, Pipe rack bracket
2	159904	1	• • • PLATE, Pipe rack bottom
3	117398	2	• • • TRIM, Protective
4	144500	1	• • • STRAP, Pipe rack
5	103472	4	• • • WASHER, Flat (3/8")
6	103995	4	• • • WASHER, Flat (1/4")
7	103999	2	• • • WASHER, Lock (3/8")
8	144501	2	• • • BOLT, Hex head (1/4"-20 x 2 3/4" Grade 5)
9	115649	2	• • • NUT, Hex lock (1/4"-20 Grade 5, nylon)
10	144748	2	• • • LABEL, Pipe rack capacity
11	103873	2	• • • BOLT, Hex head (3/8"-16 x 2 1/2" Grade 5)
12	104606	2	• • • NUT, Hex lock (3/8"-16 Grade 5, nylon)
13	144748	2	• • • LABEL, Capacity (Pipe rack)
14	162725	1	• INSTRUCTIONS, Pipe rack (not shown)

9.12 External Railing

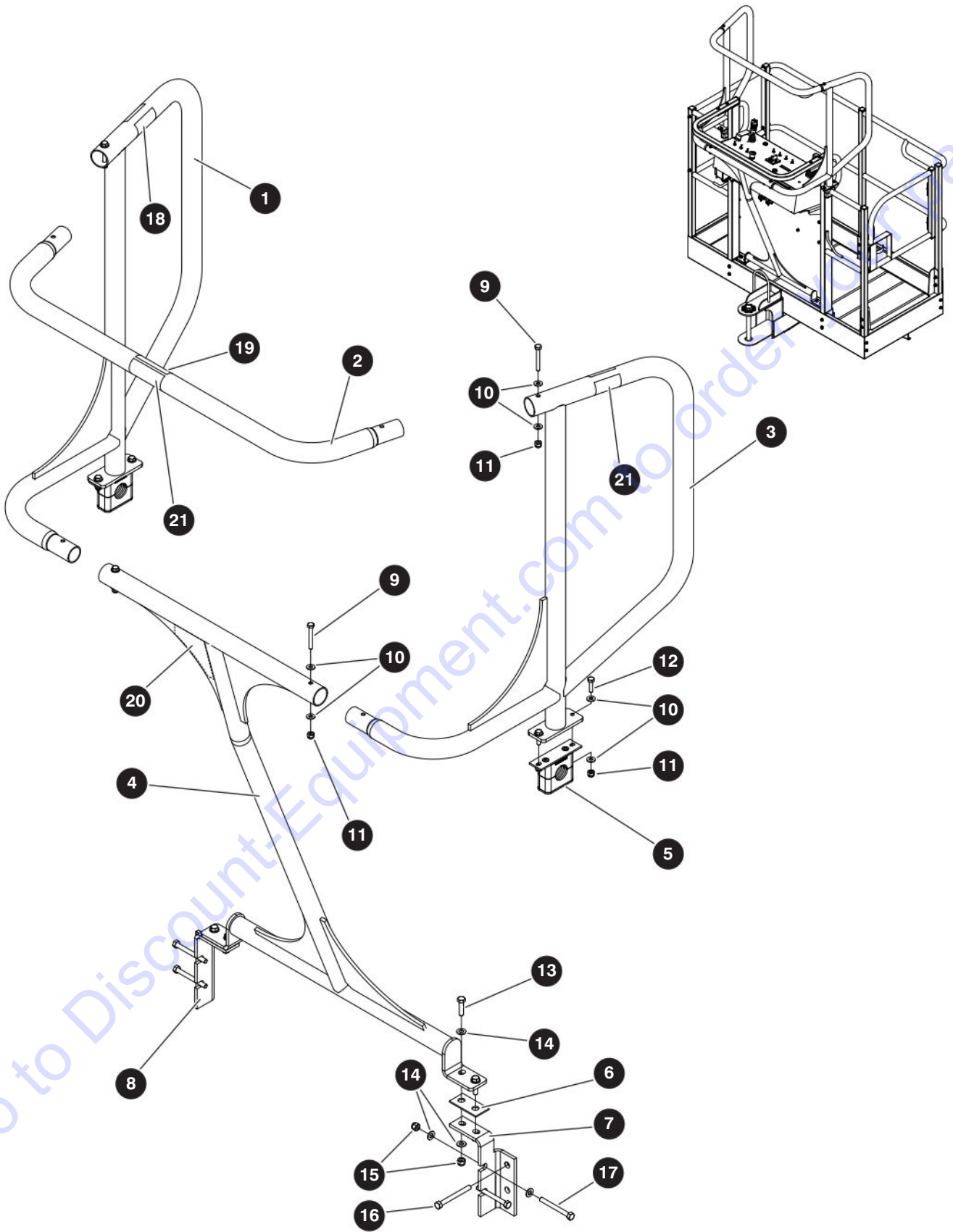


M163408AB

9.12 External Railing

Index No.	Skyjack Part No.	Qty.	Description
-	163408	-	EXTERNAL RAILING FIELD KIT - <i>for 8' platform</i>
-	163409	-	• EXTERNAL RAILING ASSEMBLY
1	144706	1	• • TUBE, External railing (right)
2	144712	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
13	115543	6	• • LABEL, Warning no step
14	137988	6	• • LABEL, Hazard crush/pinch point
15	171237	6	• • LABEL, External railing weight
16	119803	1	• • LABEL, Caution tape (108' roll)
17	162030	1	• INSTRUCTION, External railing installation (not shown)

9.13 SGM



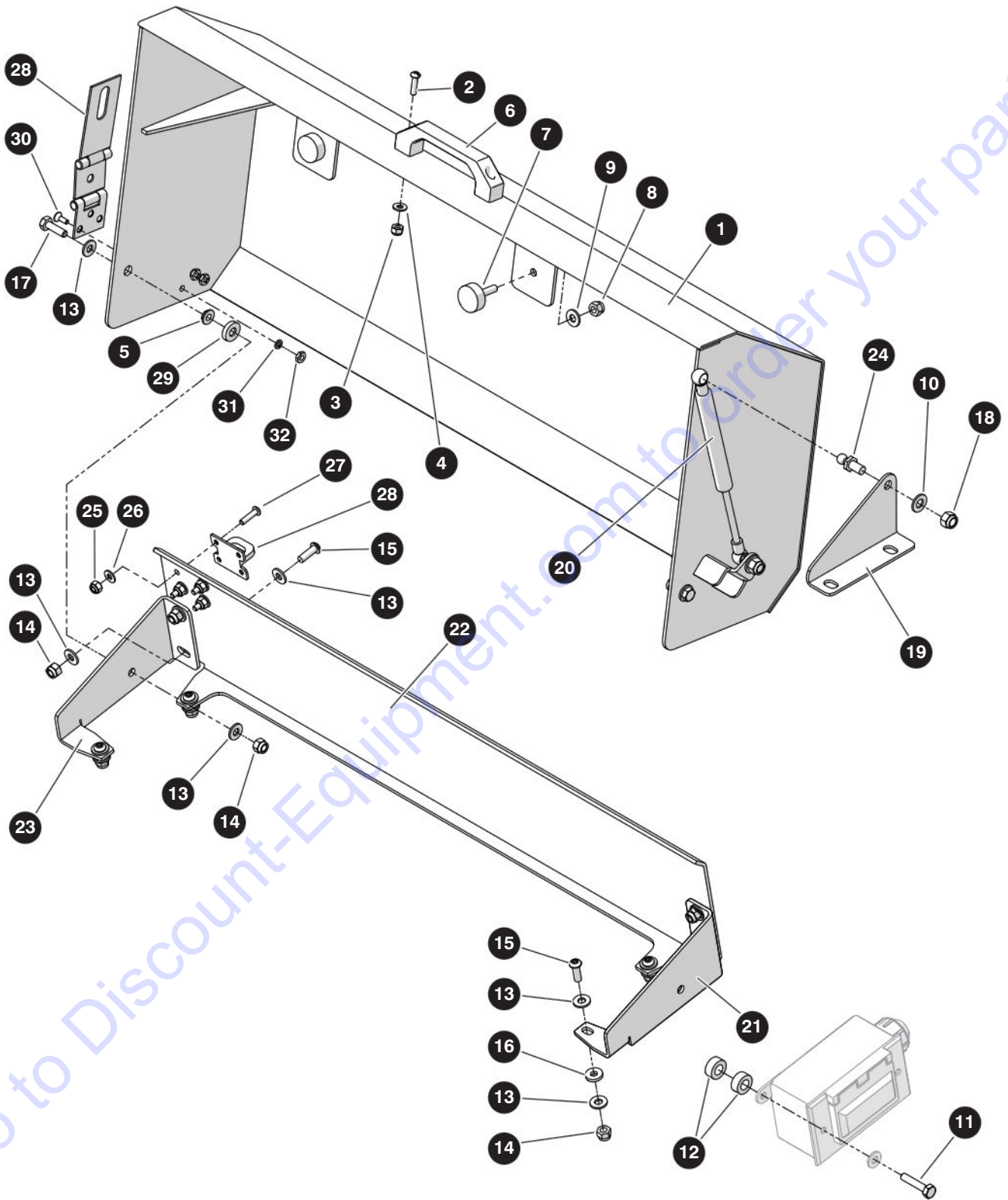
M165945AA

210340AE
276

9.13 SGM

Index No.	Skyjack Part No.	Qty.	Description
-	165945	1	SGM ASSEMBLY (Secondary Guarding)
-	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
L2	166790	1	• • LABEL, Capacity reduction SGM (small)
L3	166811	1	• • LABEL, Capacity reduction SGM
L4	166808	3	• • LABEL, SGM (black/grey)
-	165946	1	• INSTALLATION INSTRUCTION, SGM (not shown)

9.14 Control Box Cover



M216819AA

210340AE

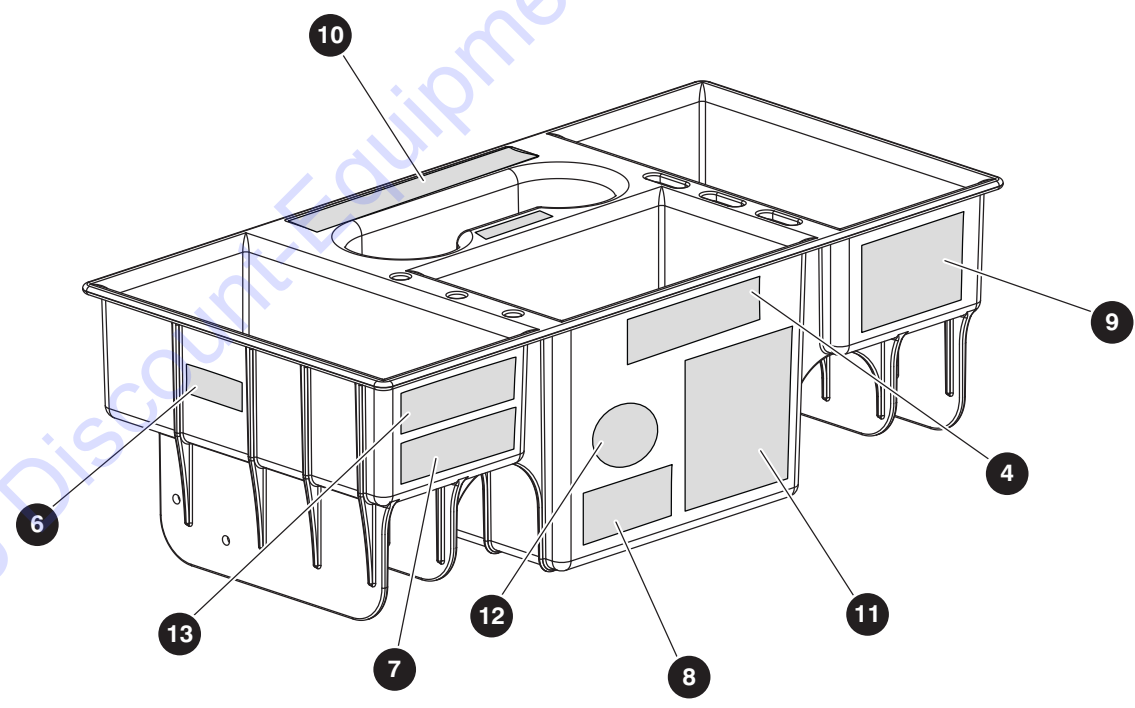
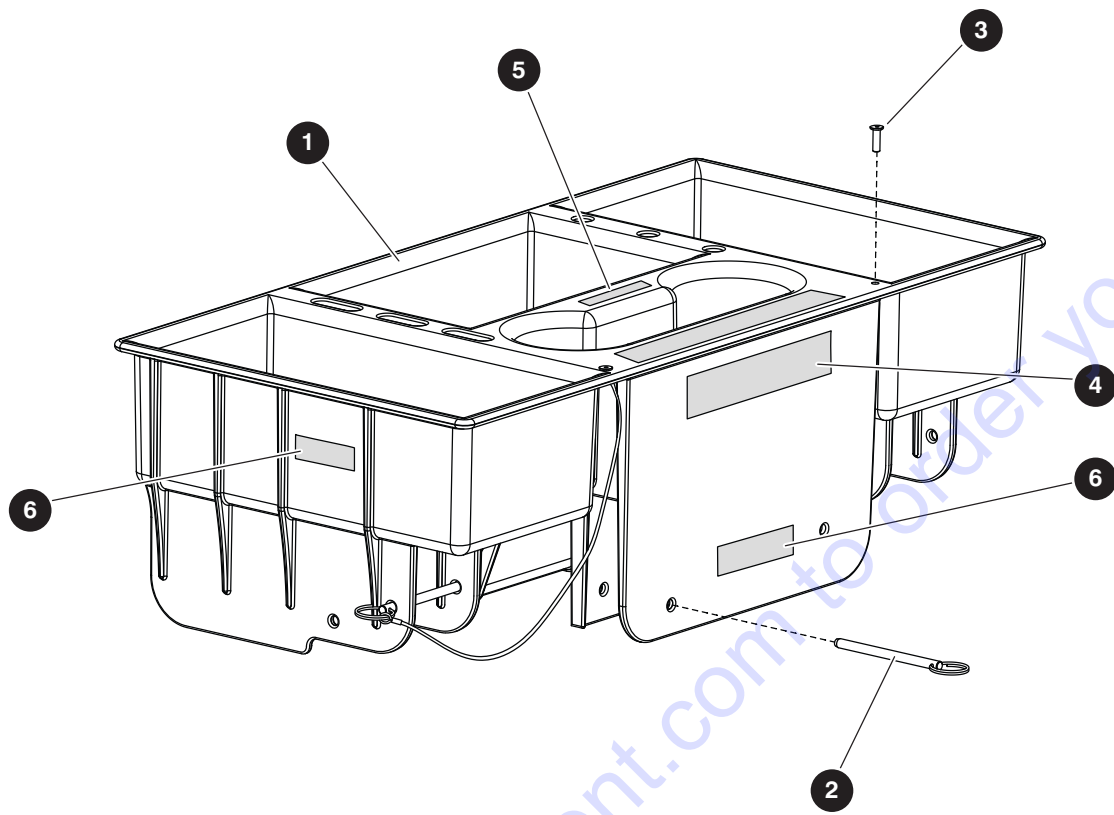
278

SJ85AJ

SKYJACK

9.14 Control Box Cover

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)

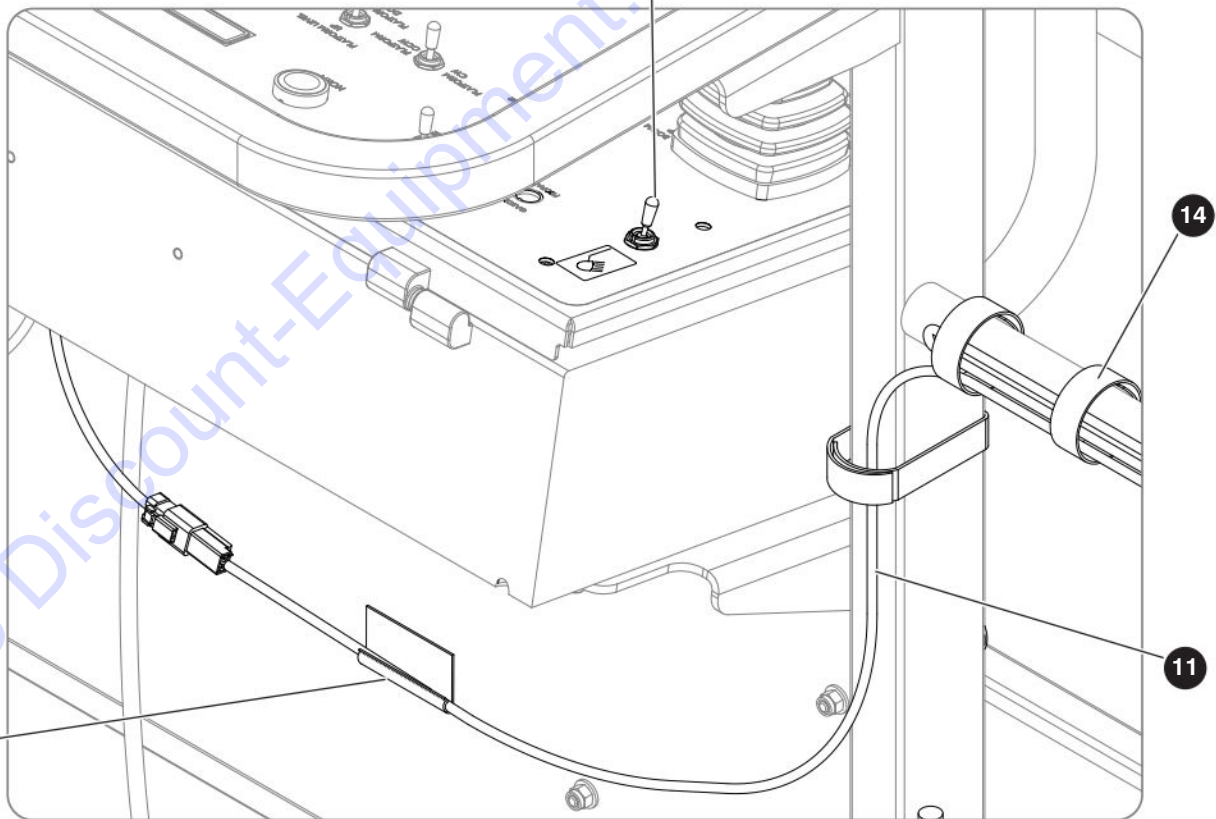
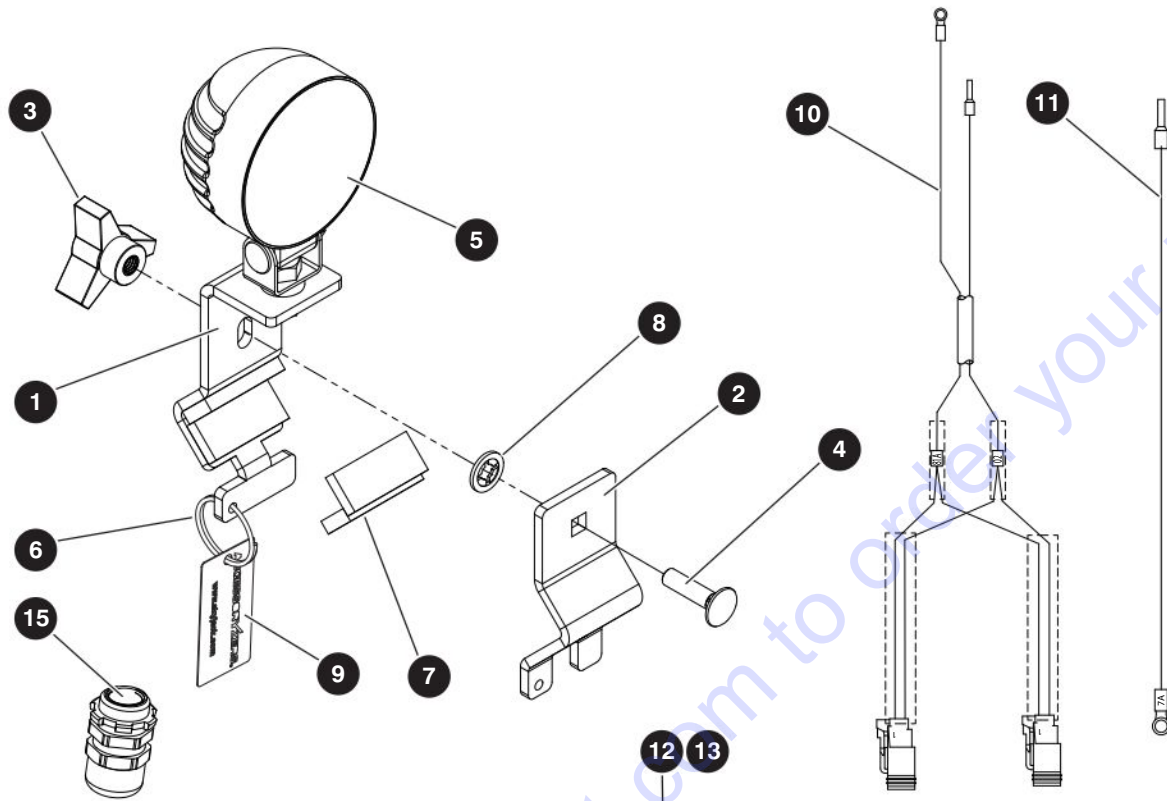


M204334AB

210340AE
280

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)

9.16 Work Lights

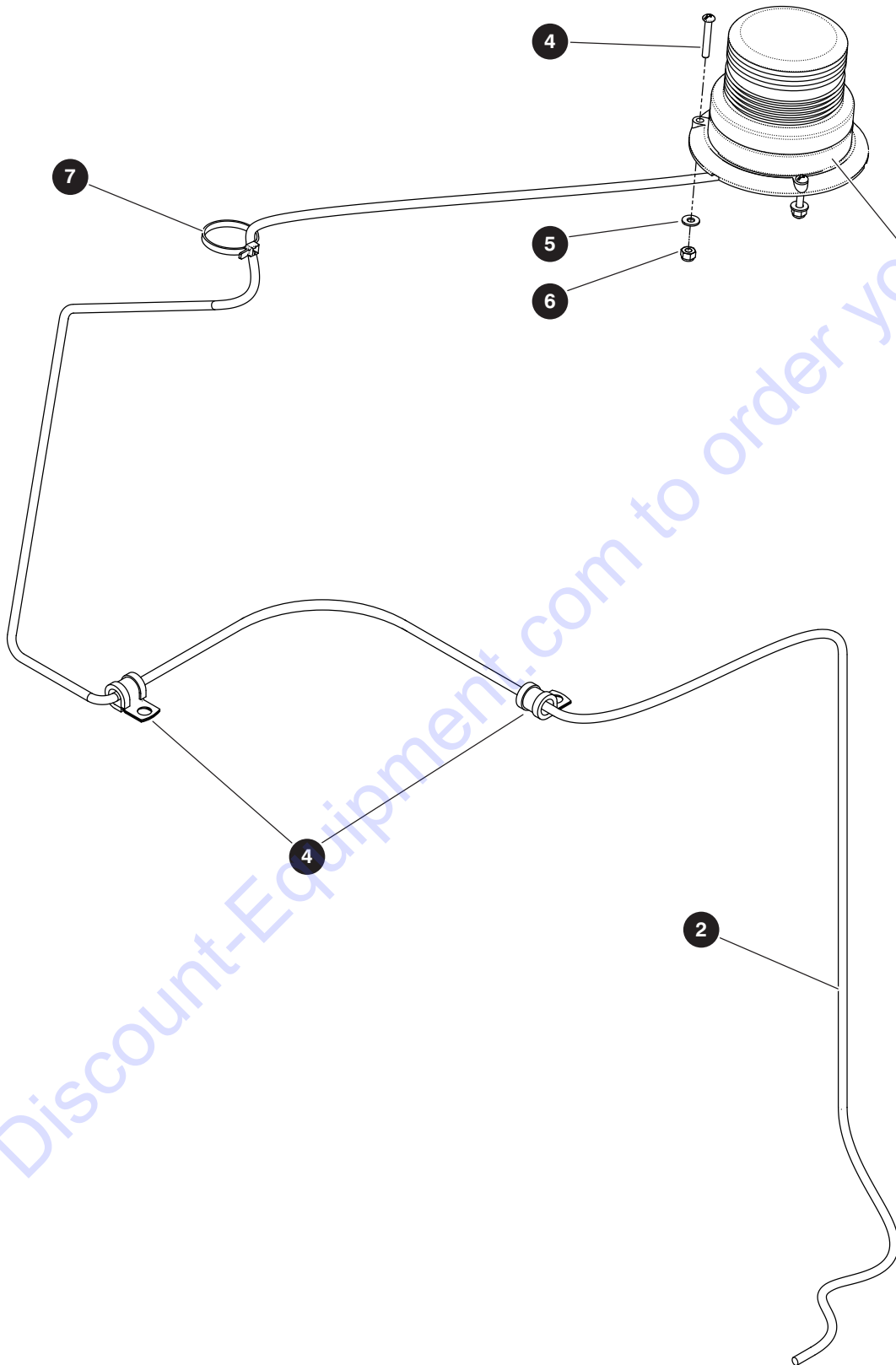


M207504AA

210340AE
282

SJ85AJ
SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	216056	1	PLATFORM WORK LIGHTS
-	216039	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
-	216040	1	• • WORK LIGHT ELECTRICAL ASSEMBLY
10	168634	1	• • • WIRE ASSEMBLY, Work light (toggle to e-stop and harness)
11	168637	2	• • • HARNESS, Work light
12	115574	1	• • • SWITCH, Toggle (1NT1-2)
13	144016	1	• • • SEAL, Toggle switch
14	149599	10	• • • TIE, Cable - velcro
15	103036	1	• • • CONNECTOR, Strain relief
16	108791	4	• • • CLIP, Cord - adhesive
17	168636	1	• • • WIRING DIAGRAM, Work light (not shown)
18	208829	1	• INSTALLATION INSTRUCTION, Work lights (not shown)

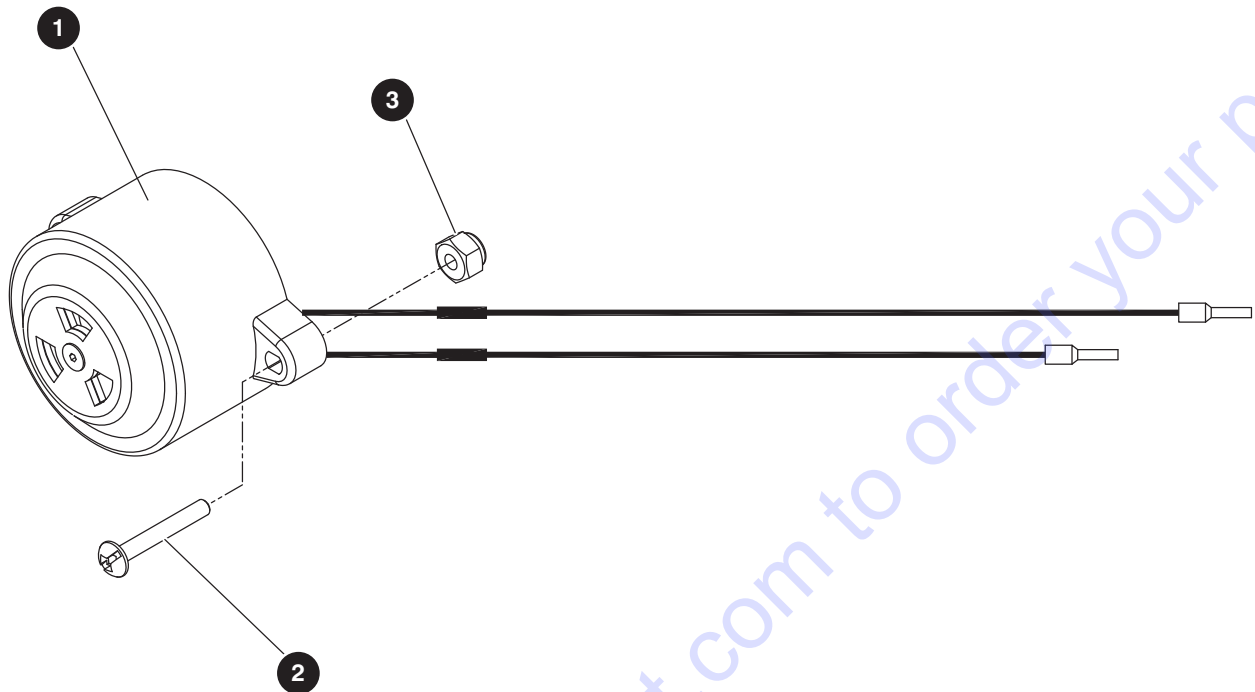


Go to Discount-Equipment.com to order your parts

Index No.	Skyjack Part No.	Qty.	Description
-	212439	1	FLASHING LIGHT FIELD KIT
-	198375	1	<ul style="list-style-type: none"> • FLASHING LIGHT ASSEMBLY
1	144078	1	<ul style="list-style-type: none"> • • LIGHT, Flashing amber
2	152585	1	<ul style="list-style-type: none"> • • HARNESS, Flashing light
3	149495	2	<ul style="list-style-type: none"> • • CLAMP, Tube (0.50")
4	122498	3	<ul style="list-style-type: none"> • • SCREW, Round head machine (10-32 x 1.25")
5	104694	3	<ul style="list-style-type: none"> • • WASHER, Flat (#10)
6	300450	3	<ul style="list-style-type: none"> • • NUT, Lock (10-32 gr 5 nylon)
7	102891	1	<ul style="list-style-type: none"> • • WRAP, Tie
8	198375	1	<ul style="list-style-type: none"> • INSTRUCTION, Flashing light installation (not shown)

Go to Discount-Equipment.com to order your parts

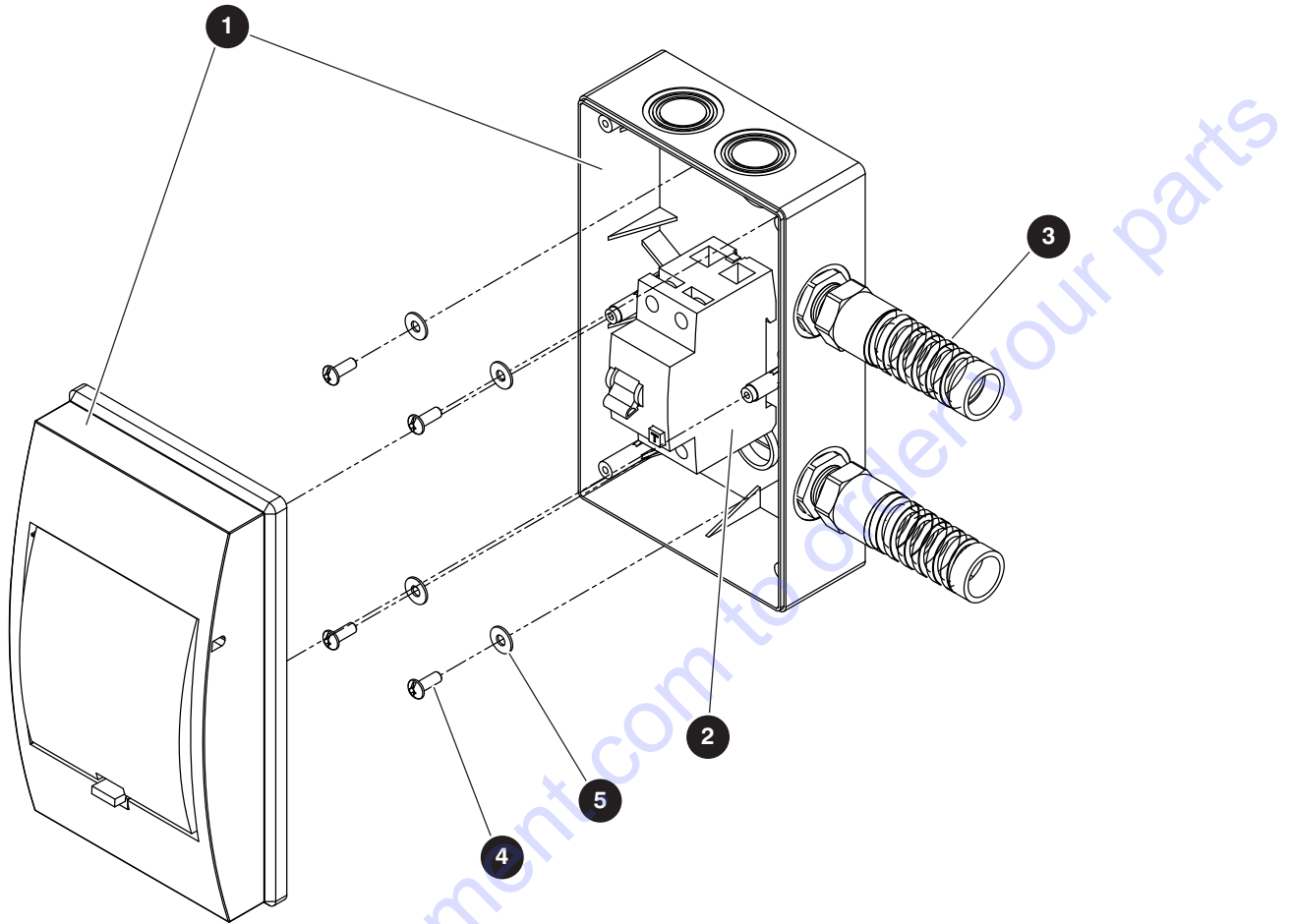
9.18 All Motion Alarm



M152362AA

Index No.	Skyjack Part No.	Qty.	Description
-	194434	1	ALL MOTION ALARM FIELD KIT
-	152361	1	• ALL MOTION ALARM ASSEMBLY
1	152362	1	• • ALARM, All motion with lead wires
2	112248	2	• • SCREW, Round head machine (8-32 x 1.00")
3	138765	2	• • NUT, Hex head nylon lock (8-32 gr 5)
4	170950	1	• INSTRUCTION, All motion alarm installation (not shown)

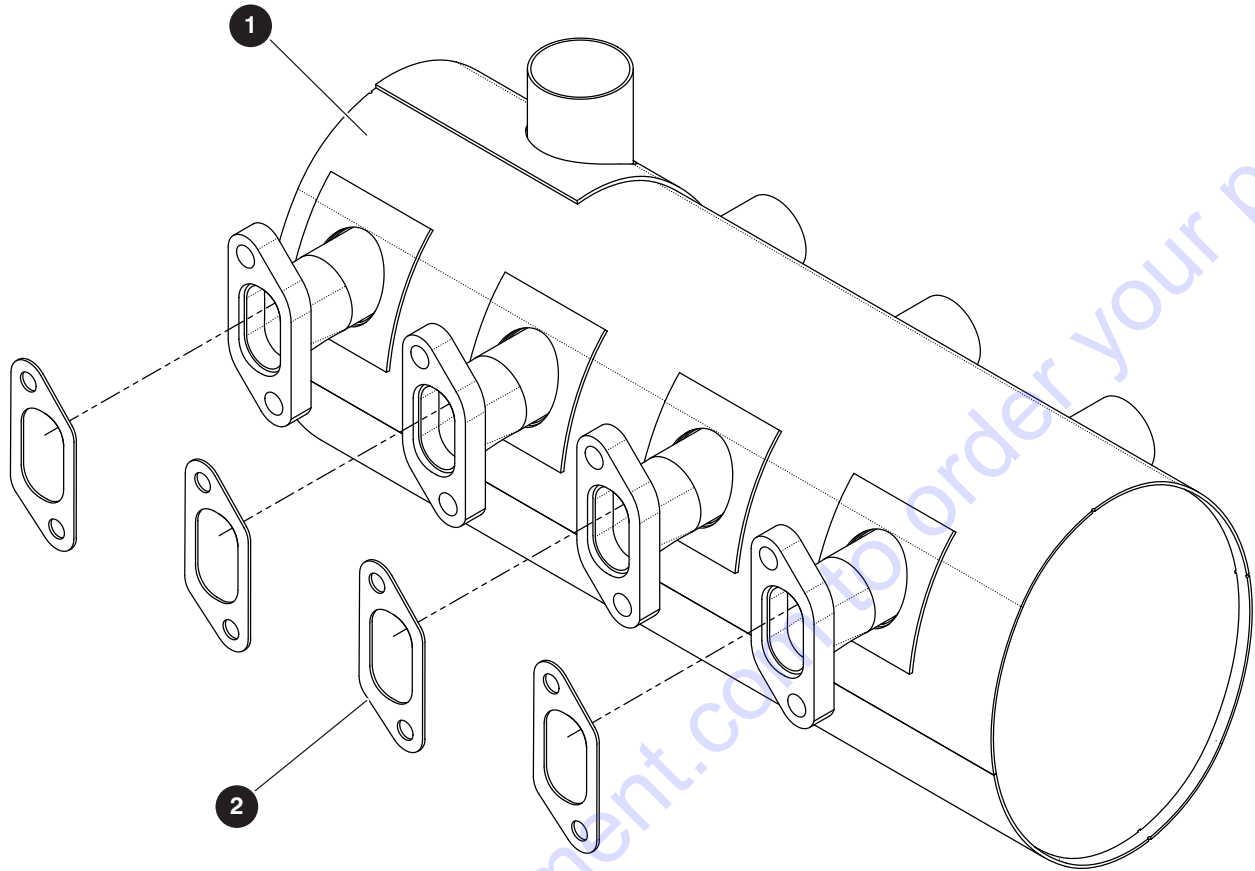
9.19 Residual Current Device (RCD)



M196064AB

Index No.	Skyjack Part No.	Qty.	Description
-	196064	-	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	168"	• CABTIRE, 14/3 (not shown)
6	117952	4	• WASHER, Seal (0.203" ID x 0.50" OD x 0.40")

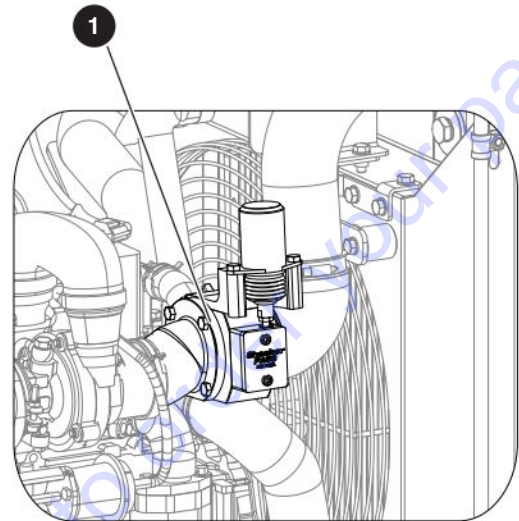
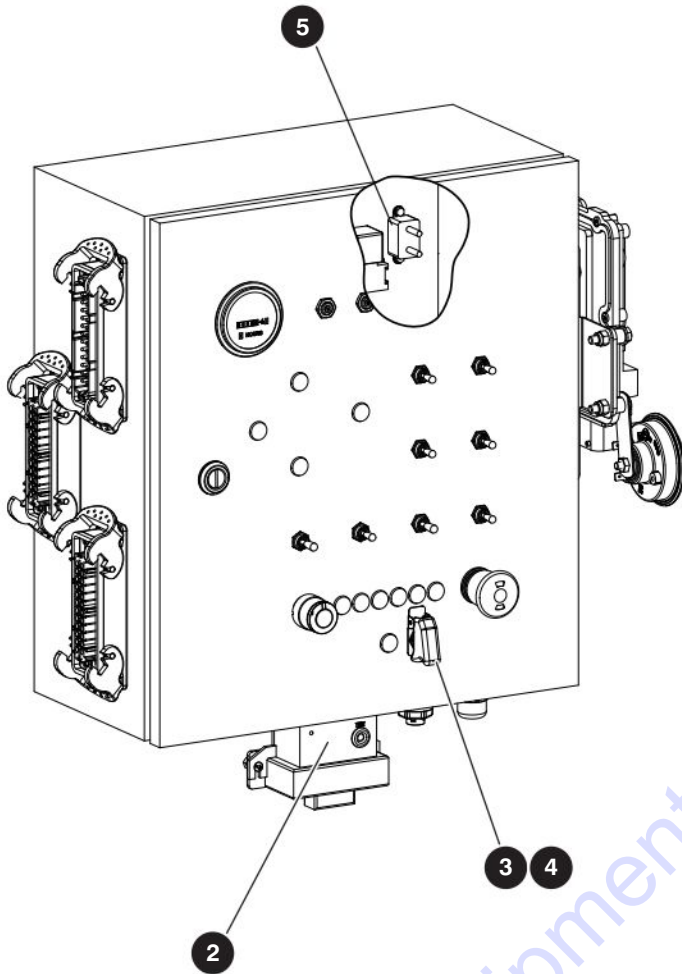
9.20 Diesel Scrubber



M148418AB

Index No.	Skyjack Part No.	Qty.	Description
-	148418	1	DIESEL SCRUBBER - Deutz D2011 engine
1	148419	1	• MUFFLER, Diesel scrubber
2	144299	4	• GASKET, Catalytic muffler

9.21 Positive Air Shut-off Option

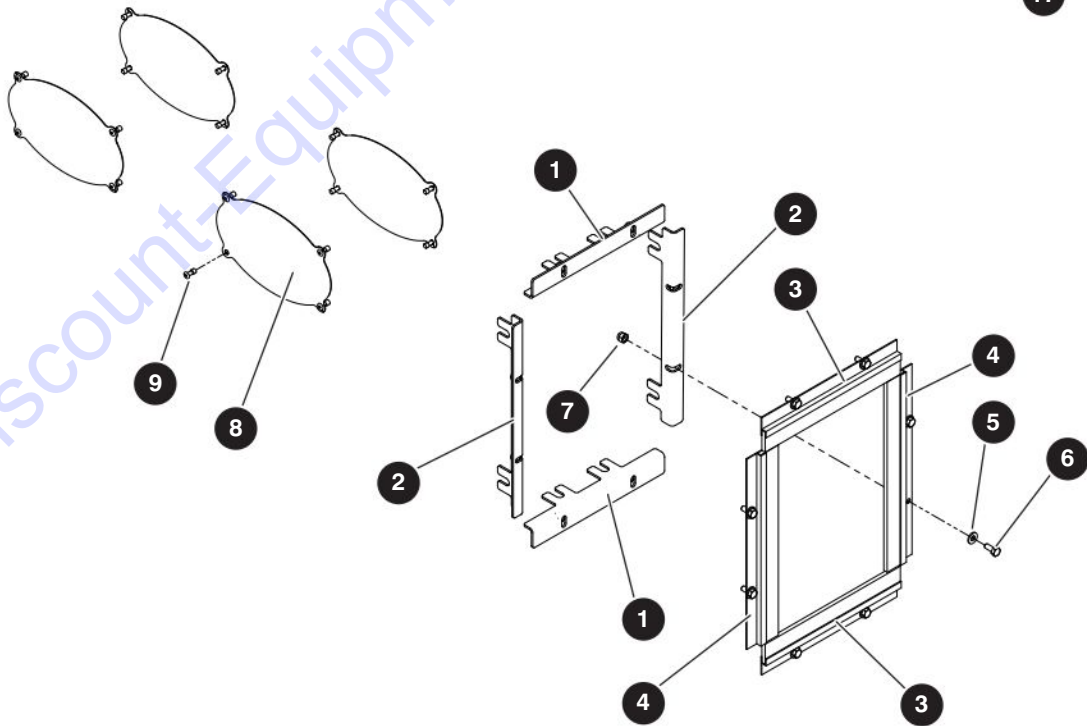
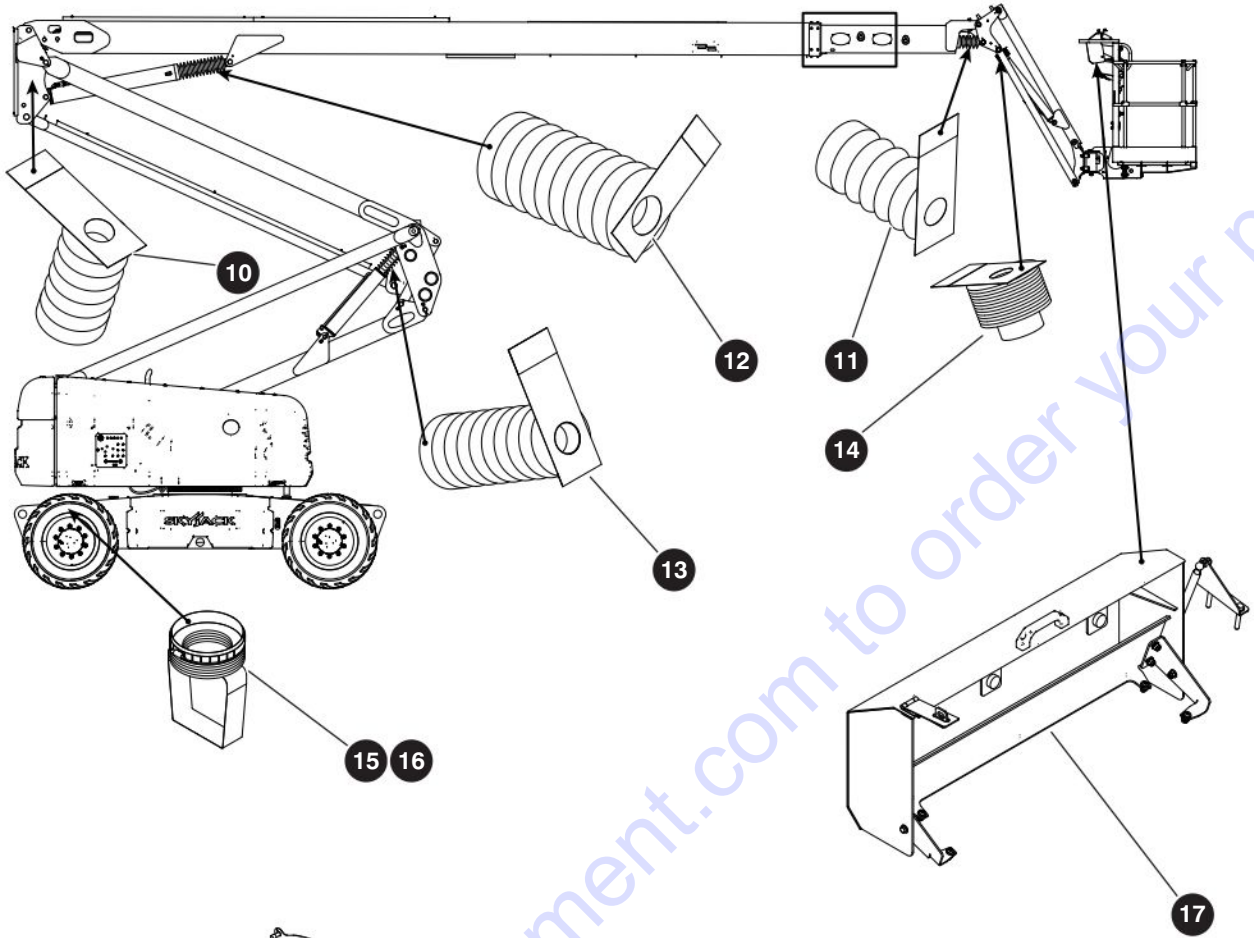


On the engine

M194146AA-85AJ

Index No.	Skyjack Part No.	Qty.	Description
A	216007	1	POSITIVE AIR SHUT-OFF OPTION - Deutz TD2.9L Engine
B	195327	1	POSITIVE AIR SHUT-OFF OPTION - Deutz D2011 Engine
1	216006	1	• SHOCKER PASS KIT, A
	195326	1	• SHOCKER PASS KIT, B
2	171821	1	• • LIMITER, Automatic rev - R5
3	171826	1	• • COVER, Toggle safety (red)
4	115574	1	• • SWITCH, Toggle (1NT1-2)
5	171899	1	• • CIRCUIT BREAKER, Auto reset (20 amp)

9.22 Hostile Environment

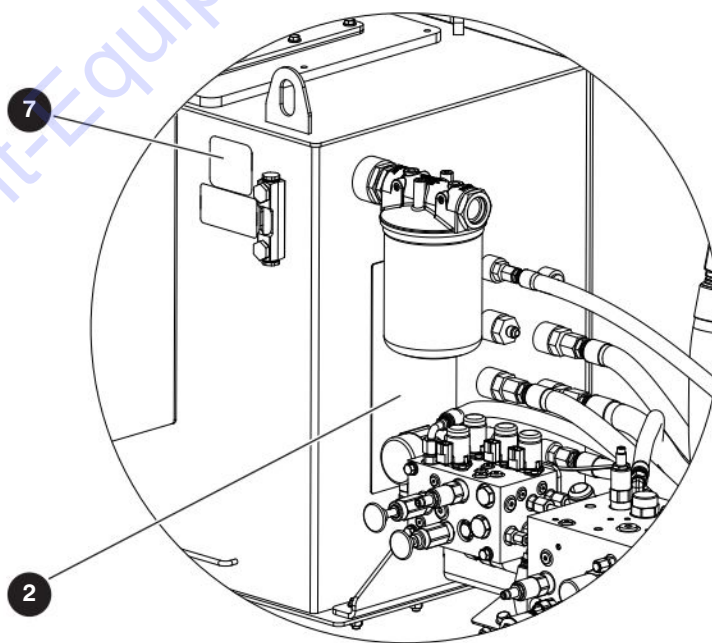
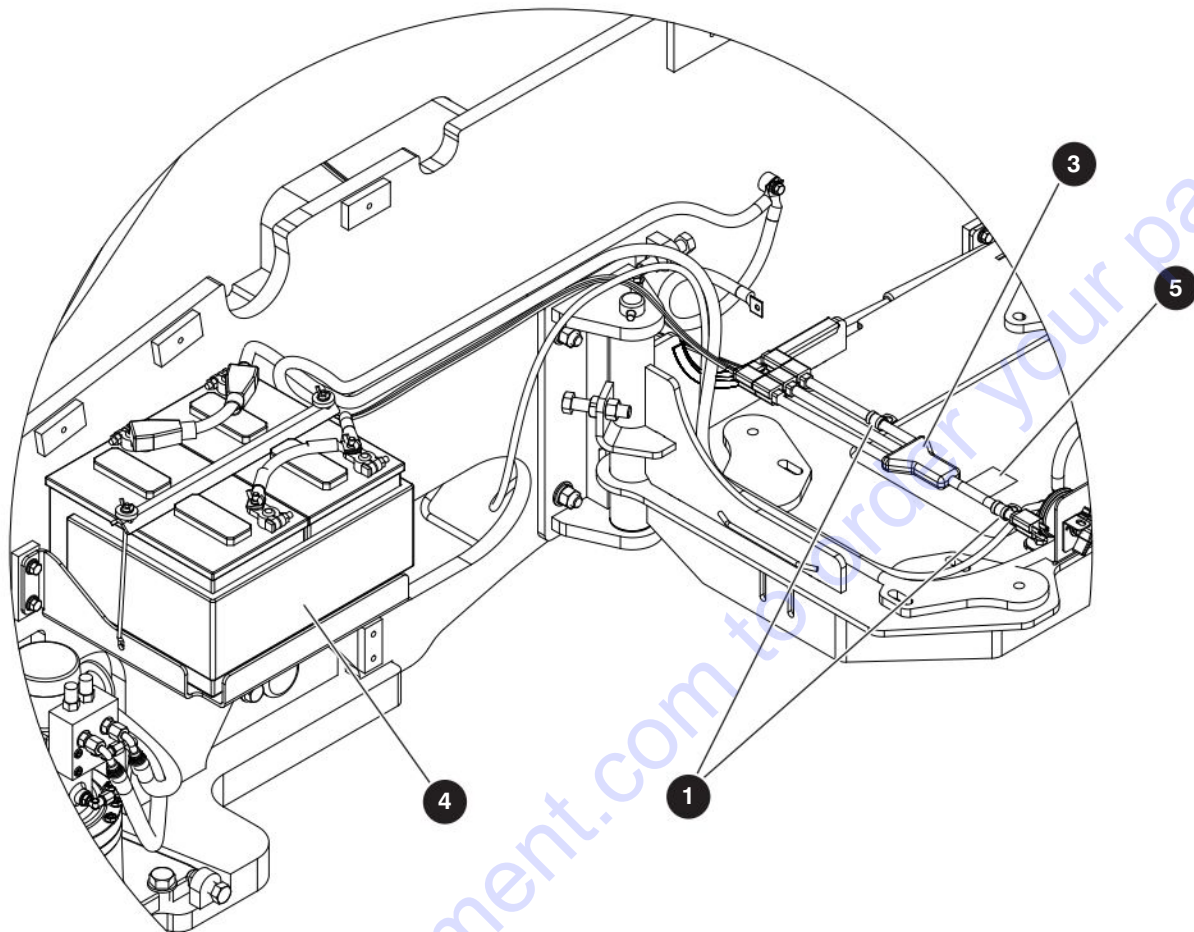


M198306AA

210340AE
290

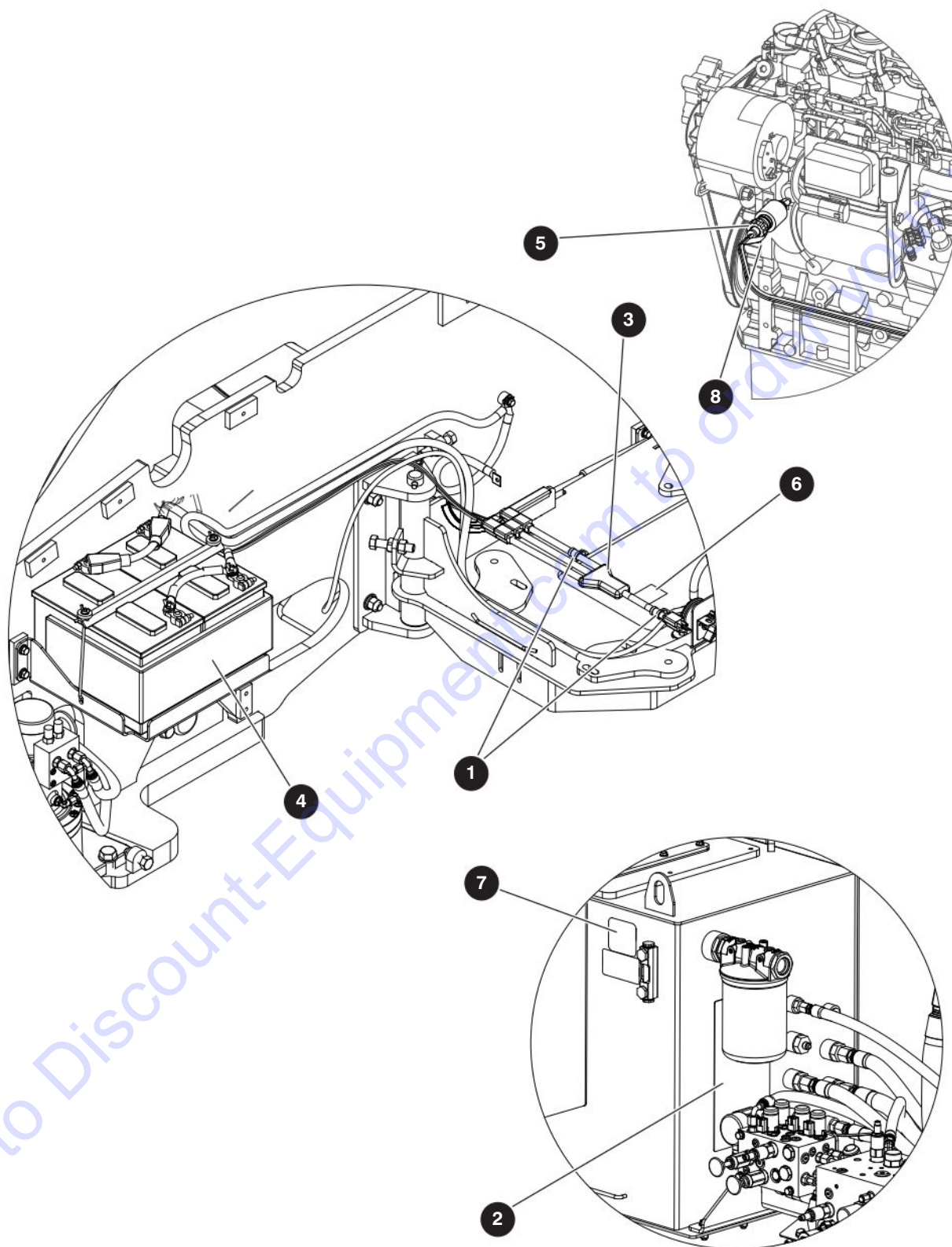
9.22 Hostile Environment

Index No.	Skyjack Part No.	Qty.	Description
-	212441	1	HOSTILE ENVIRONMENT FIELD KIT
-	198306	1	• HOSTILE ENVIRONMENT ASSEMBLY
1	198241	2	• • BRACKET, Wiper - top/bottom
2	198242	2	• • BRACKET, Wiper - side
3	198243	2	• • BRUSH, Wiper - top/bottom
4	198244	2	• • BRUSH, Wiper - side
5	103995	8	• • WASHER, Flat (0.25")
6	103892	8	• • BOLT, Hex head (0.25"-20 x 0.625" gr 5)
7	115649	8	• • NUT, Lock (0.25"-20 gr 5 nylon)
8	154274	30	• • COVER, Fly boom
9	157759	120	• • RIVET, Pop (0.188" x 0.565")
10	198245	1	• • BELLOW, Master cylinder
11	198246	1	• • BELLOW, Slave Cylinder
12	198247	1	• • BELLOW, Lift cylinder
13	198248	2	• • BELLOW, Riser Cylinder
14	167157	1	• • BELLOW, Jib cylinder
15	159932	2	• • BELLOW, Oscillation
16	159933	2	• • CLAMP, Gear (2.5" - 5.5")
17	159855	1	• • CONTROL BOX COVER ASSEMBLY (For components, refer to 9.14 Control Box Cover)
18	213014	1	• INSTRUCTION, Hostile environment installation (not shown)



9.23 Cold Start Package

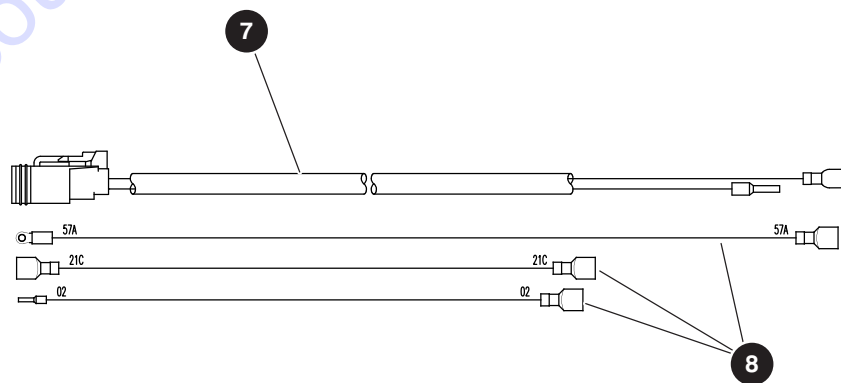
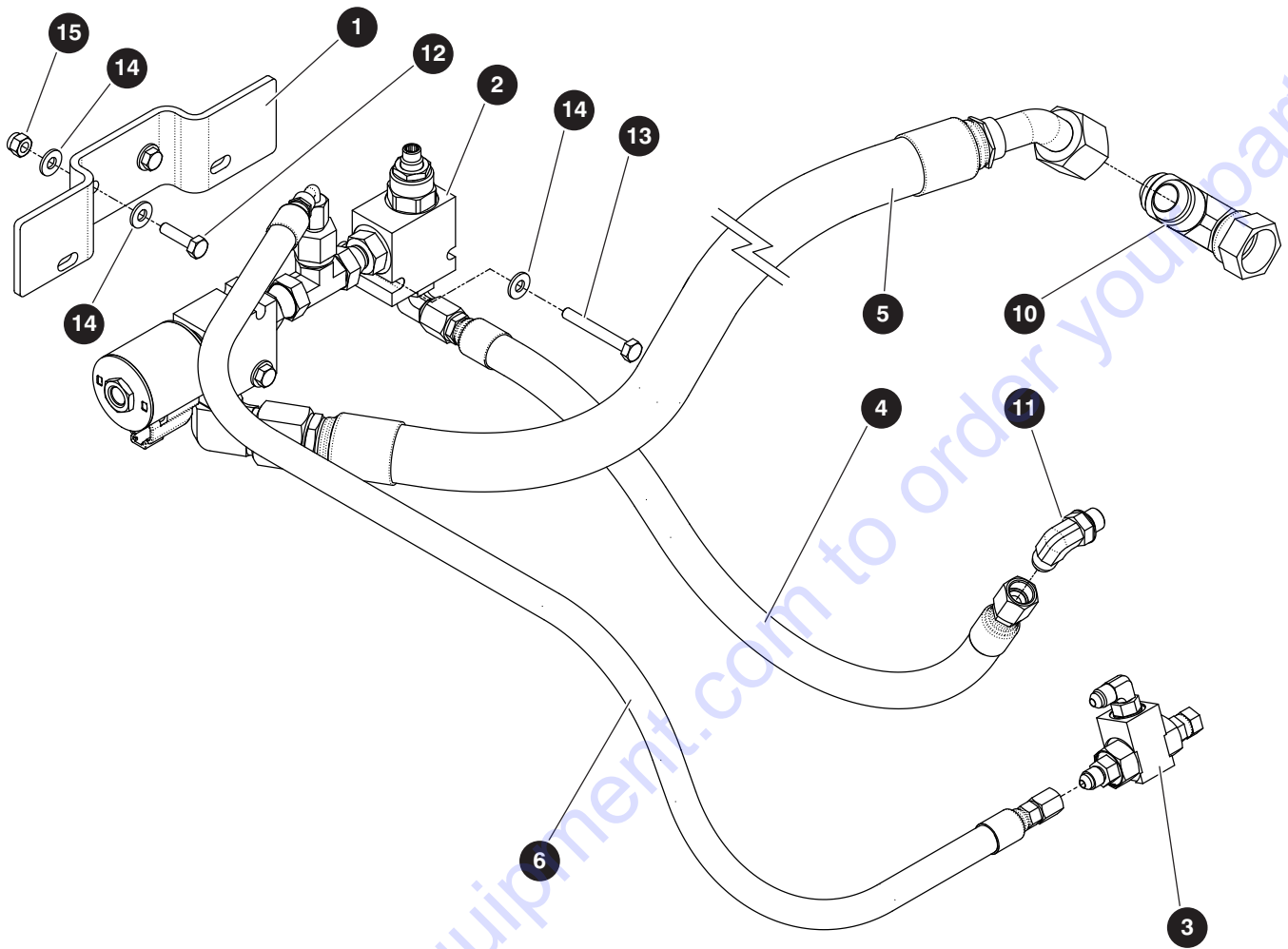
Index No.	Skyjack Part No.	Qty.	Description
A	171978	1	COLD START KIT - ANSI/CSA Deutz D2011
B	171979	1	COLD START KIT - ANSI/CSA Deutz TD2.9L
C	216033	1	COLD START KIT - ANSI/CSA Perkins 2.2TA
D	216034	1	COLD START KIT - ANSI/CSA Kubota WG3800
-	171165	1	• COLD START WARMING KIT
1	144129	2	• • CLIP, Single (S332G10)
2	166261	1	• • HEATER, Pad (1000W)
3	159888	1	• • CORD, "W" (12/13AWG 15A x 2' long)
4	171097	1	• • BLANKET, Battery
5	146021	1	• LABEL, Hydraulic oil/battery warmer cord
6	146162	1	• LABEL, Cold weather factory oil (located on engine oil dipstick), A, B
7	172681	1	• LABEL, Cold weather factory oil (located on engine oil dipstick), C
8	194307	1	• INSTRUCTION, Cold start install and operation (not shown)



Index No.	Skyjack Part No.	Qty.	Description
A	171980	1	ARCTIC KIT - ANSI/CSA Deutz D2011
B	171981	1	ARCTIC KIT - ANSI/CSA Deutz TD2.9L
C	216035	1	ARCTIC KIT - ANSI/CSA Perkins 2.2TA
D	216036	1	ARCTIC KIT - ANSI/CSA Kubota WG3800
-	171165	1	• COLD START WARMING KIT
1	144129	2	• • CLIP, Single (S332G10)
2	166261	1	• • HEATER, Pad (1000W)
3	159888	1	• • CORD, "W" (12/13AWG 15A x 2' long)
4	171097	1	• • BLANKET, Battery
5	144642	1	• HEATER, Oil pan, A
	165559	1	• HEATER, Block, B
	198462	1	• HEATER, Block, C
	198411	1	• HEATER, Block, D
6	144632	1	• LABEL, Hydraulic oil/battery warmer
7	144633	1	• LABEL, Arctic hydraulic oil
8	144635	1	• LABEL, Arctic engine oil, A, B, C
9	(Ref.)	1	• LOAD CIRCUIT KIT, B (For components, refer to 9.25 Load Circuit)
10	170949	1	• INSTRUCTION, Arctic package install and operation (not shown)

9.25 Load Circuit

AB



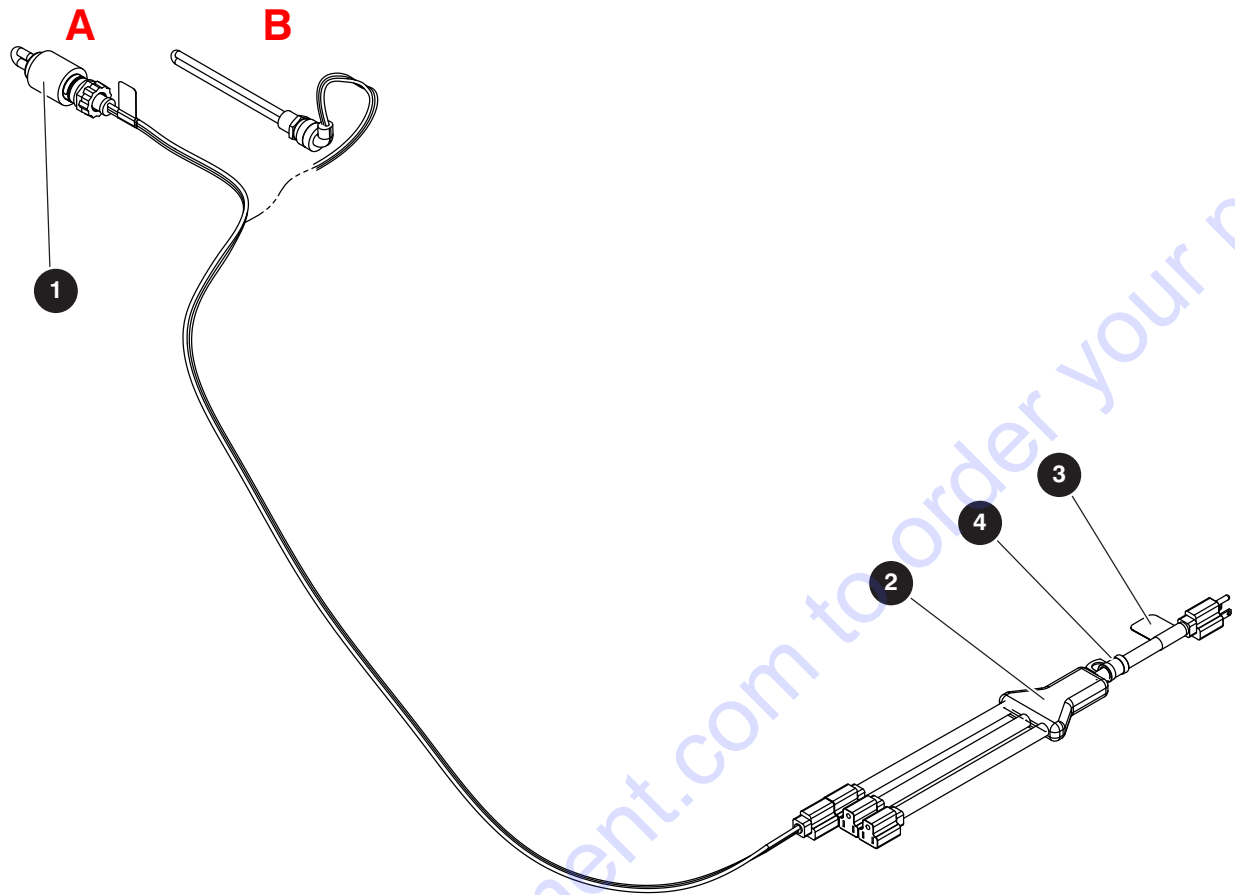
M212851AA

210340AE
296

SJ85AJ
SKYJACK

Index No.	Skyjack Part No.	Qty.	Description
-	216055	1	LOAD CIRCUIT MANIFOLD KIT - ANSI/CSA Deutz TD2.9L with Arctic Package
-	212851	1	• LOAD CIRCUIT MANIFOLD
1	170624	1	• • BRACKET, Manifold
2	194496	1	• • MANIFOLD ASSEMBLY, Load circuit
	194492	1	• • • VALVE, Load circuit
	194493	1	• • • VALVE, Needle valve
	194516	2	• • • FITTING, Straight (08JIM-08JICFS)
	149226	1	• • • FITTING, 90° elbow (12JICM-08ORBM)
	102665	1	• • • FITTING, 90° elbow (06JICM-08ORBM)
	194575	1	• • • FITTING, Tee (08JICM-08JICM-08JICM)
	706812	1	• • F• ITTING, Straight (08JICF-04JICM)
3	194872	1	• • VALVE, Shuttle
	138394	1	• • • VALVE, Shuttle (04ORB)
	148445	1	• • • FITTING, Straight
	126128	1	• • • FITTING, Straight
	125883	1	• • • FITTING, 90° elbow (04JICM-04ORBM)
4	H510600200	1	• • HOSE, Hydraulic - H51 (0.38"/100R17 x 20" lg)
5	H521200320	1	• • HOSE, Hydraulic - H52 (0.75"/100R17 x 38" lg)
6	H540400340	1	• • HOSE, Hydraulic - H54 (0.25"/100R17 x 34" lg)
7	194712	1	• • HARNESS, Load circuit (not shown)
8	196438	1	• • WIRE KIT, Load circuit (not shown)
	127131	1	• • • RELAY
	138749	1	• • • SOCKET
9	194713	1	• • SCHEMATIC, Wire kit (not shown)
10	703413	1	• • FITTING, Run tee (12JICM-12JICFS-12JICM)
11	114578	1	• • FITTING, 90° elbow (06JICM-06ORBM)
12	103857	2	• • BOLT, Hex head (0.25"-20 x 1.00" gr 5)
13	103861	2	• • BOLT, Hex head (0.25"-20 x 2.00" gr 5)
14	103995	8	• • WASHER, Flat (0.25" SAE)
15	115649	4	• • NUT, Lock (0.25"-20 gr 5)
16	213014	1	• INSTRUCTION, Load circuit installation (not shown)

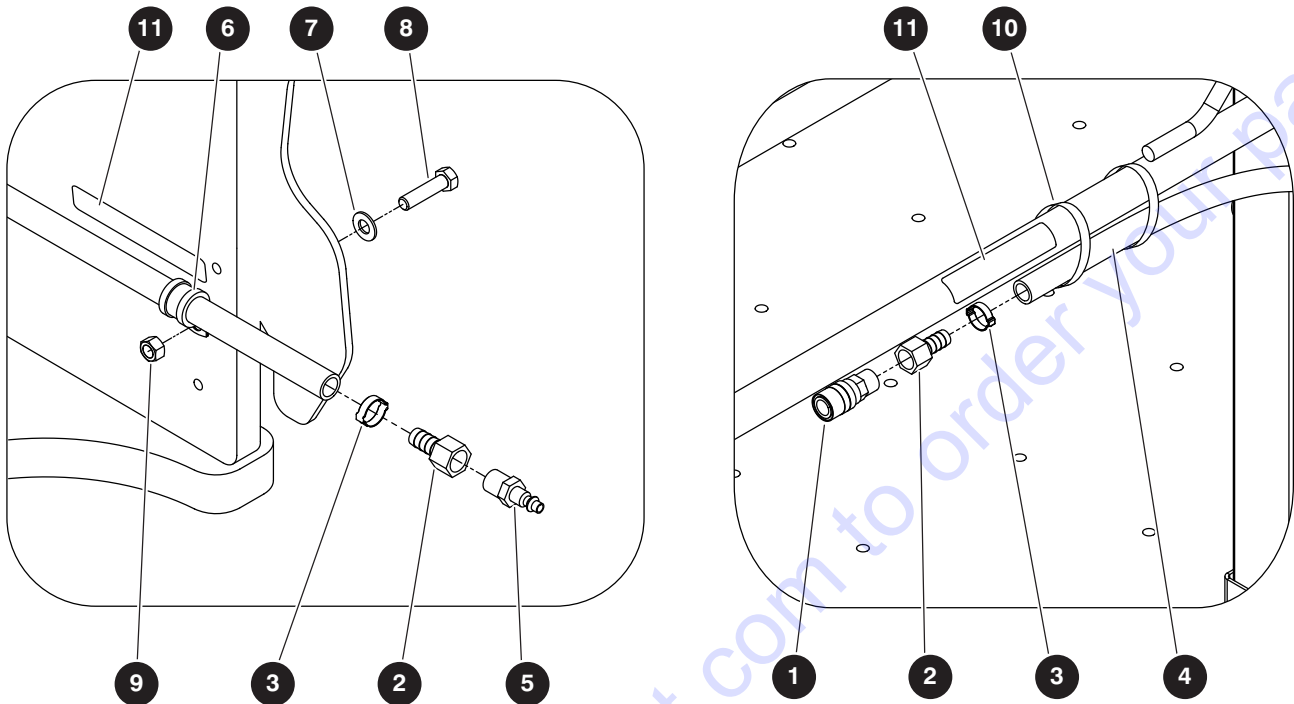
9.26 Block Heater



M171564AA_M168886AB

Index No.	Skyjack Part No.	Qty.	Description
A	171564	-	BLOCK HEATER ASSEMBLY - ANSI/CSA with Deutz TD2.9L engine
B	168886	-	BLOCK HEATER ASSEMBLY - ANSI/CSA with Deutz D2011 engine
1	165559	1	• HEATER, Block, A
	144642	1	• ELEMENT, Heater - oil pan, B
2	159888	1	• CORD, "W"
3	168880	1	• LABEL, Block heater
4	144129	1	• CLIP, Single

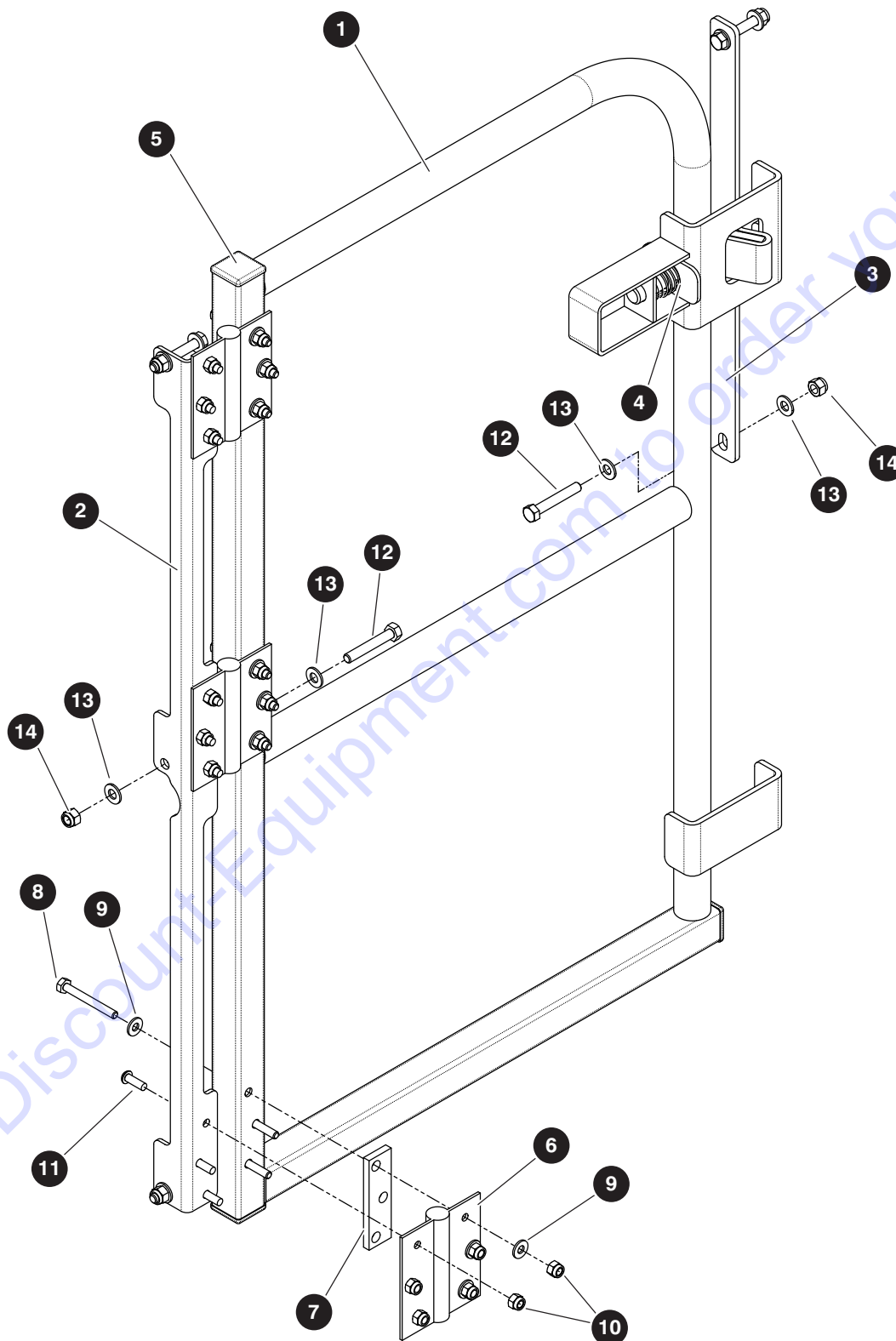
9.27 Air Line to Platform



M198318AD

Index No.	Skyjack Part No.	Qty.	Description
-	198318	1	AIR HOSE TO PLATFORM
1	107882	1	• FITTING, Female disconnect (B22E)
2	109050	2	• FITTING, Brass hose barb (126-8C)
3	107886	2	• CLAMP, Air hose
4	107884	1300"	• HOSE, Air (1/2" diameter) A
5	107883	1	• FITTING, Quick disconnect plug (16.1262)
6	152402	1	• CLAMP, Rube (cushioned)
7	103472	1	• WASHER, Flat (0.375")
8	212868	1	• BOLT, Hex head (0.375"-16 x 1.750" gr 5)
9	103978	1	• NUT, Hex head (0.375"-16 gr 5)
10	102891	2	• TIE, Cable (7-1/4")
11	138212	2	• LABEL, Connect air here

9.28 Half-Height Platform Mesh



M211359AA

210340AE
300

SJ85AJ
SKYJACK

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

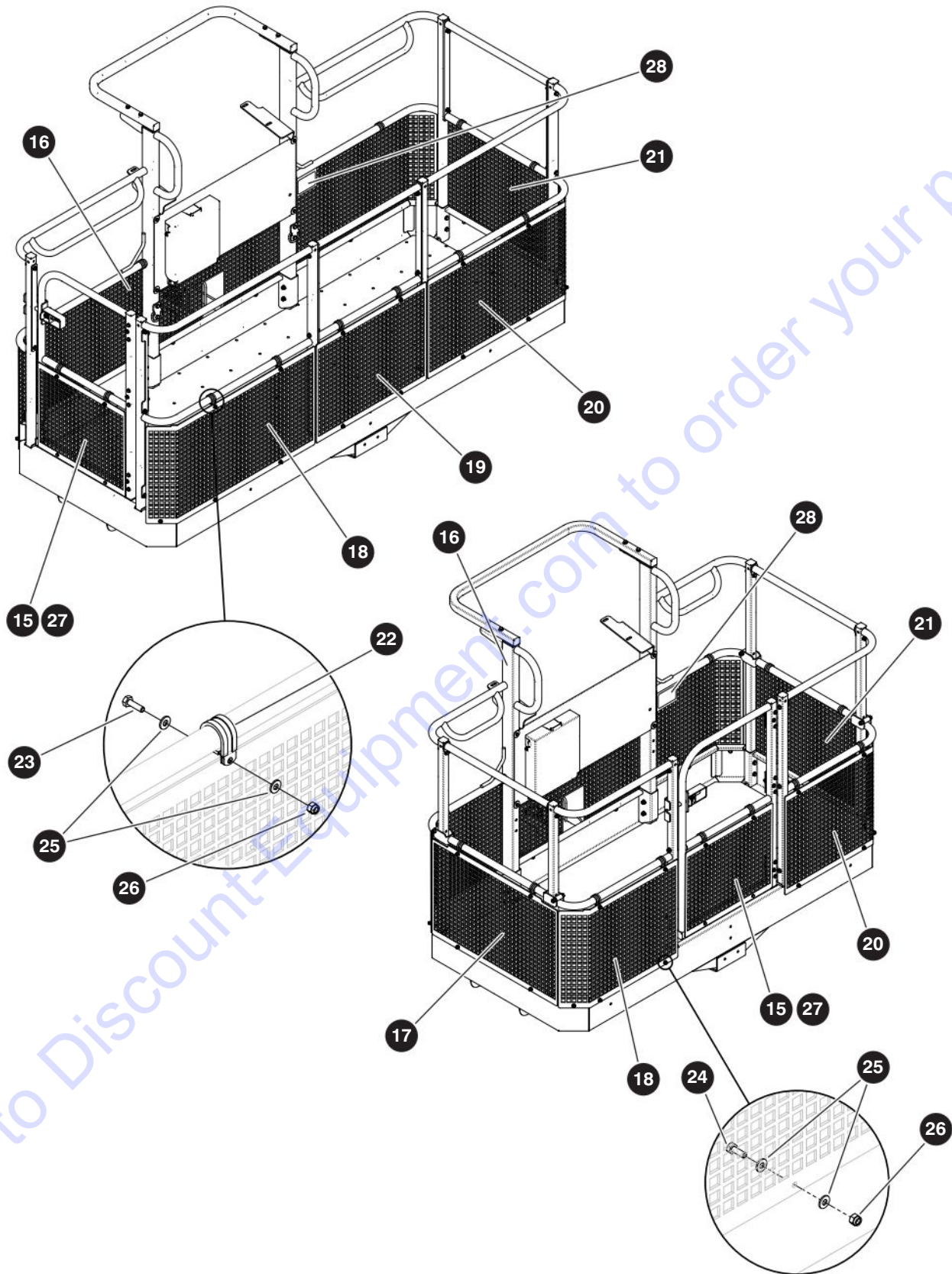
We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

9.28 Half-Height Platform Mesh

Index No.	Skyjack Part No.	Qty.	Description
A	211776	1	• HALF HEIGHT MESH KIT for 8' / 2.44 m Rear Entry Platform
B	211777	1	• HALF HEIGHT MESH KIT for 8' / 2.44 m Side Entry Platform
C	211778	1	• HALF HEIGHT MESH KIT for 6' / 2.44 m Rear Entry Platform
-	211360	1	• MESH ASSEMBLY, Rear entry 8' / 2.44 m platform, A
-	211362	1	• MESH ASSEMBLY, Side entry 8' / 2.44 m platform, B
-	211363	1	• MESH ASSEMBLY, Rear entry 6' / 2.44 m platform, C
-	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.

9.28 Half-Height Platform Mesh



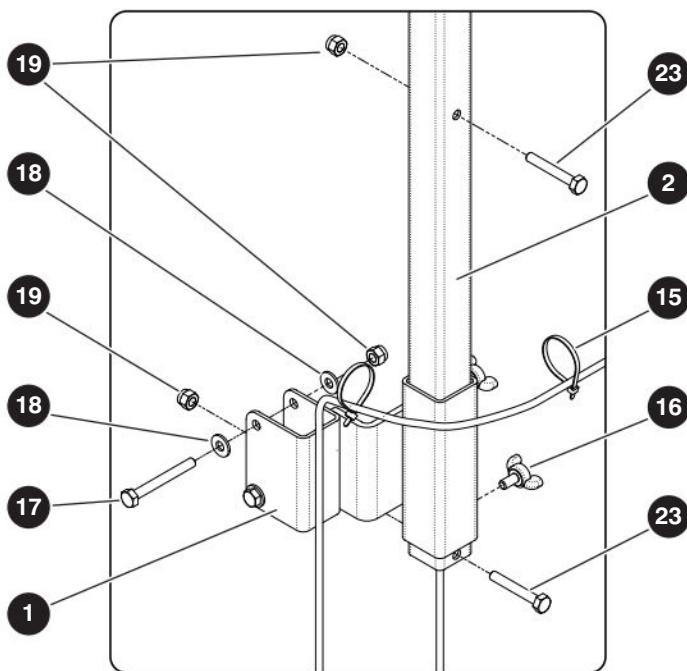
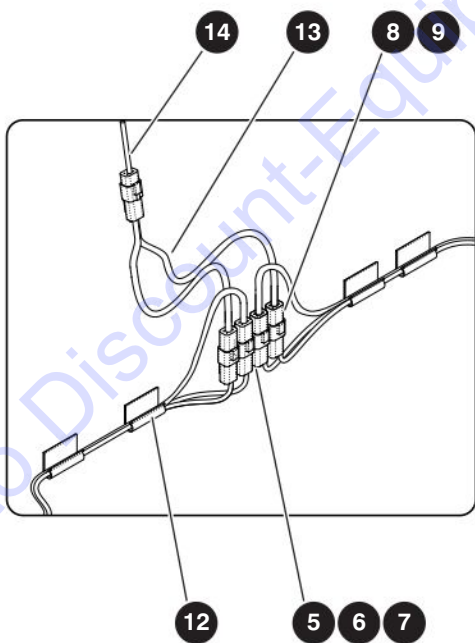
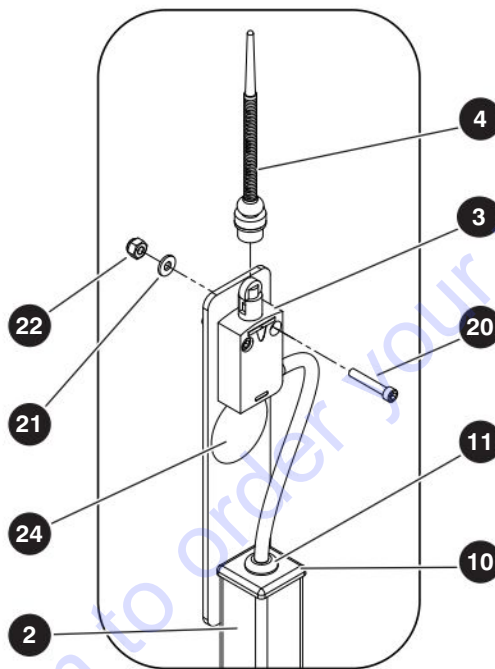
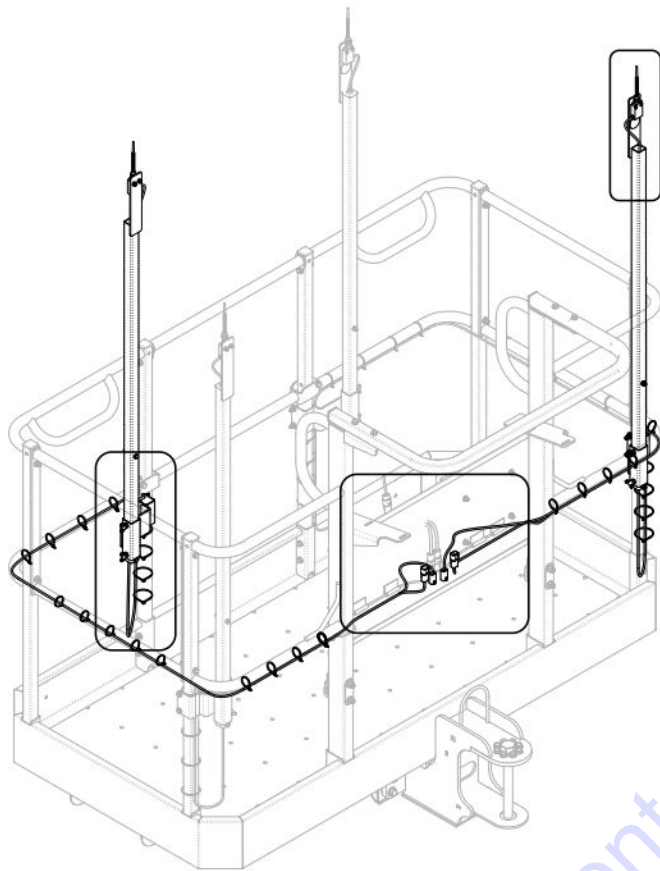
M211777AA_M211778AA

210340AE
302

SJ85AJ
SKYJACK

9.28 Half-Height Platform Mesh

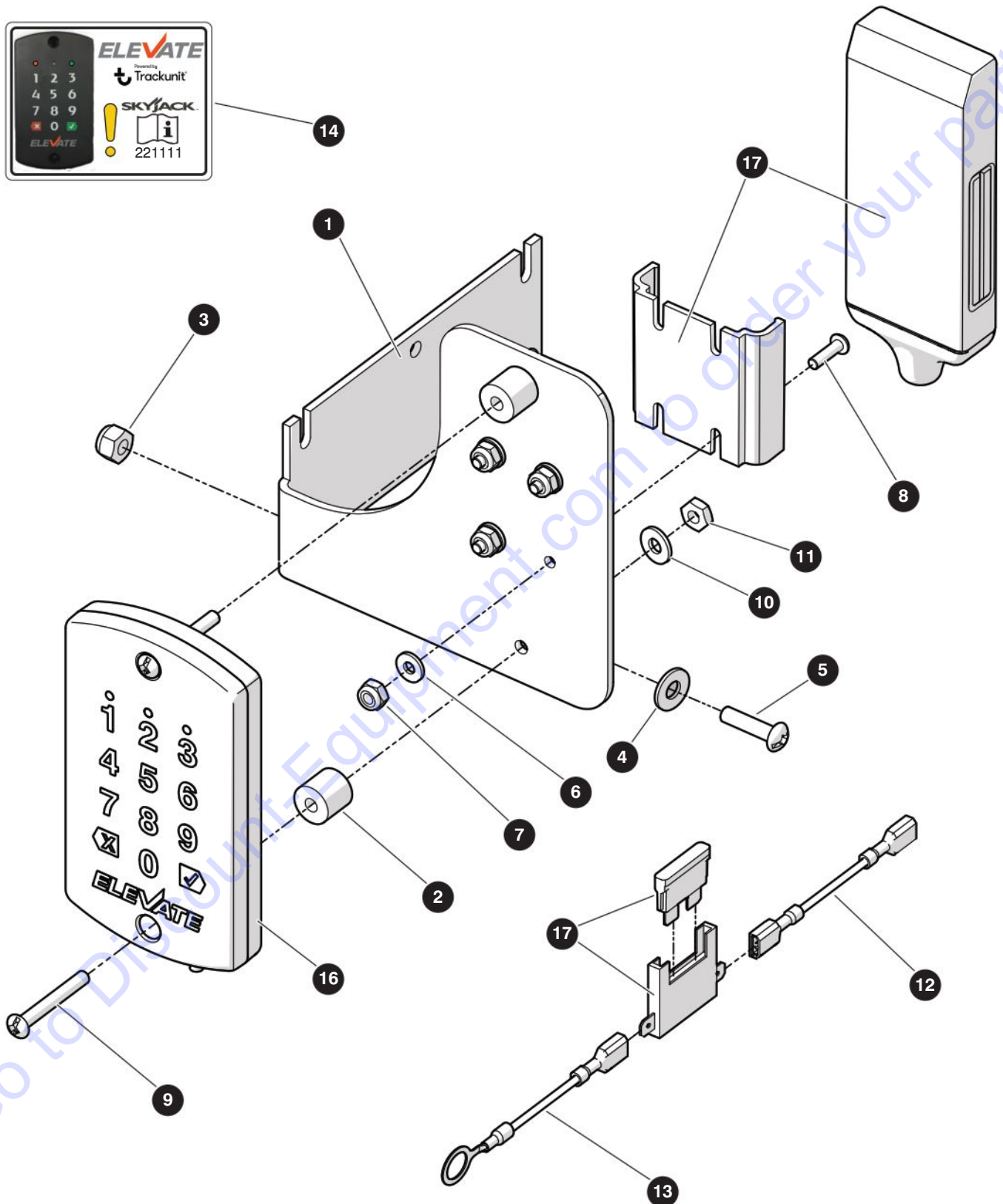
Index No.	Skyjack Part No.	Qty.	Description
A	211776	1	• HALF HEIGHT MESH KIT for 8' / 2.44 m Rear Entry Platform
B	211777	1	• HALF HEIGHT MESH KIT for 8' / 2.44 m Side Entry Platform
C	211778	1	• HALF HEIGHT MESH KIT for 6' / 1.83 m Rear Entry Platform
Parts list continued from the previous page.			
15	208942	1	• • MESH, Gate
16	209029	1	• • MESH, Front - 36" x 96" / 0.91 m x 2.44 m platform, A, B
	211604	1	• • MESH, Front - 36" x 72" / 0.91 m x 1.83 m platform, C
17	208940	1	• • MESH, Side - 36" / 0.91 m platform, A, C
18	209041	1	• • MESH, Rear LH - 36" x 96" / 0.91 m x 2.44 m platform, A, B
	211603	1	• • MESH, Rear LH - 36" x 72" / 0.91 m x 1.83 m platform, C
	211613	1	• • MESH, Rear mid - 36" x 96" / 0.91 m x 2.44 m platform, B
20	211361	1	• • MESH, Rear RH - 36" x 96" / 0.91 m x 2.44 m platform, A, B
	211602	1	• • MESH, Rear RH - 36" x 96" / 0.91 m x 2.44 m platform, C
21	208940	1	• • MESH, Side - 36" / 0.91 m platform, A, B, C
22	209030	14	• • CLAMP, Loop - cushioned (#19), A, B, C
23	103891	14	• • BOLT, Hex head (0.25"-20 x 0.875" gr 5), A, B, C
24	103856	16	• • BOLT, Hex head (0.25"-20 x 0.75" gr 5), A, B, C
25	103995	60	• • WASHER, Flat (0.25"), A, B, C
26	115649	30	• • NUT, Lock (0.25"-20 gr 5 nylon), A, B, C
27	103632	2	• • BOLT, Self-tapping hex head (0.25"-14 x 0.75")
28	172519	1	• • LABEL, Mesh weight (25 kg/55 lb)
29	211727	1	• INSTRUCTION, Half height platform mesh installation (not shown)




M211399AA

9.29 Additional Anti-Overriding Posts - KC

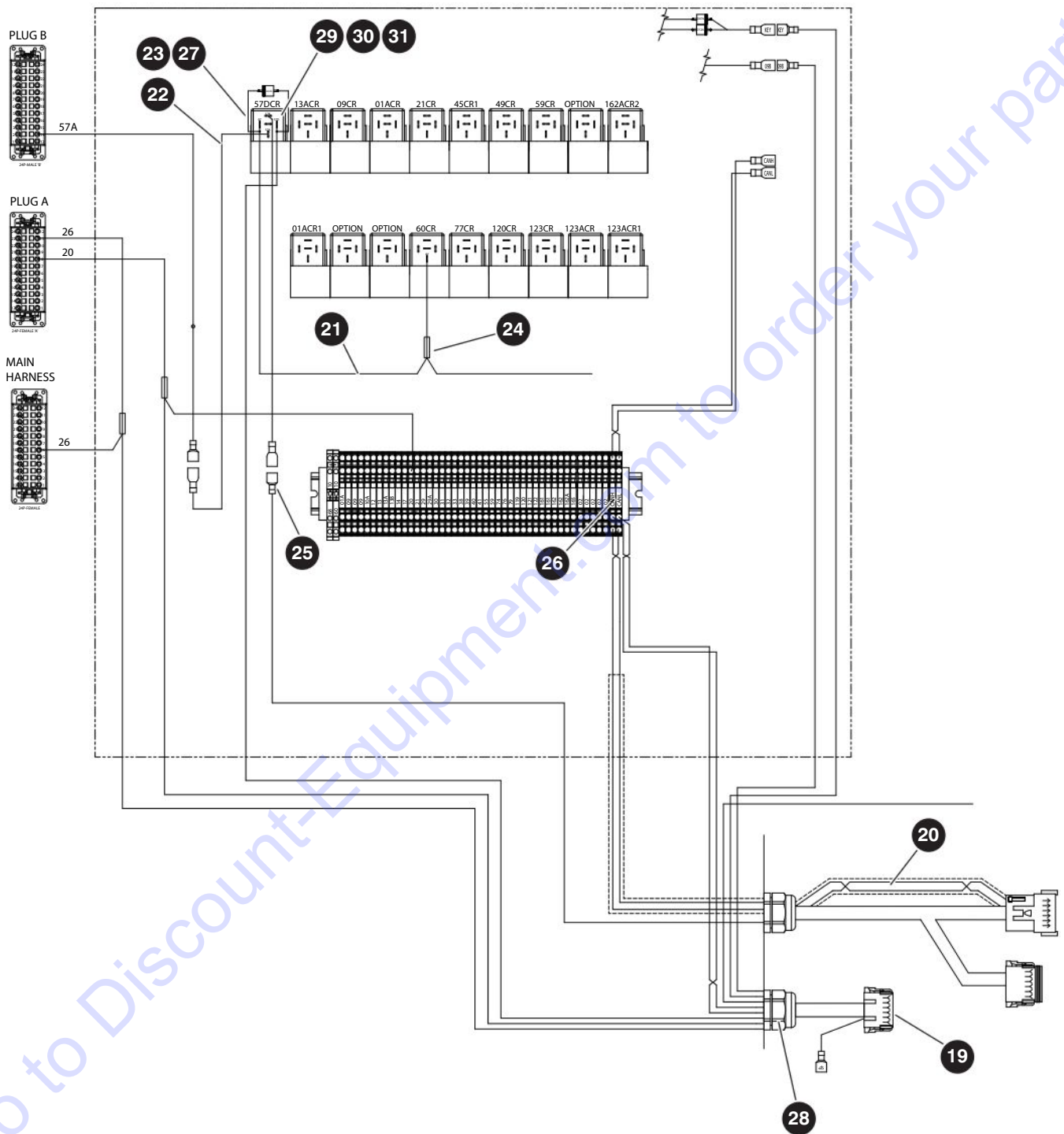
Index No.	Skyjack Part No.	Qty.	Description
-	211399	1	ADDITIONAL ANTI-OVERRISING POSTS - KC
1	216010	1	• CLAMP, Limit Switch - controls side
	207280	1	• CLAMP, Limit Switch - entrance side
2	207863	2	• TUBE, Front
-	211397	2	• LIMIT SWITCH ASSEMBLY - Long
3	119348	1	• • SWITCH, Limit
4	207485	1	• • HEAD, Spring - limit switch
5	117578	1	• • CONNECTOR, Receptacle (4-pin)
6	117580	1	• • CONNECTOR, Receptacle (4-pin wedge)
7	117590	4	• • CONNECTOR, Pin contact (16-18)
8	117591	4	• • CONNECTOR, Contact socket (16-18)
9	117581	4	• • CONNECTOR, Plug (4-pin)
10	208898	1	• • PLUG, Tube
11	208897	1	• • GROMMET, Rubber (0.66" OD x 0.28" ID x 0.42")
12	108791	4	• CLIP, Cord - adhesive
13	207314	1	• HARNESS, Limit switch - KC (For components, refer to 7.8 Anti-Overriding Posts Harness - KC)
14	216062	1	• HARNESS, Upper Controls - KC (For components, refer to 7.9 Upper Control Harness - KC)
15	102892	26	• TIEWRAP, Cable (5.375")
16	192361	4	• SCREW, Wing (0.25"-20 x 0.50" gr 5)
17	103862	4	• BOLT, Hex head (0.25"-20 x 2.25" gr 5)
18	103995	8	• WASHER, Flat (0.25")
19	115649	8	• NUT, Lock (0.25"-20 gr 5 nylon)
20	207325	4	• SCREW, Socket head cap (8-32 x 1.00")
21	103991	4	• WASHER, Flat (#8)
22	138765	4	• NUT, Lock (8-32 gr 5 nylon)
23	103860	4	• BOLT, Hex head (0.25"-20 x 1.75" gr 5)
24	156613	2	• LABEL, Do not alter limit switches



M223026AB

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 310.
A	223028	1	ELEVATE TELEMATICS WITH KEYPAD INSTALLATION KIT
B	223029	1	ELEVATE TELEMATICS WITHOUT KEYPAD INSTALLATION KIT
C	223263	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT
D	223264	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT
			NOTE: Use kits A and B for machines which already have a telematics harness connection plug. Use kits C and D for machines without a telematics plug.
-	221993	1	• ELEVATE TELEMATICS INSTALLATION KIT
1	221143	1	• • BRACKET, Elevate keypad/GPS mounting
2	221134	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, C
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
	223187	1	• INSTRUCTIONS, Elevate telematics rework - SJ85AJ (not shown), C, D
			The parts lists for C and D are continued on the next page.

9.30 Elevate Telematics



M63947AA

210340AE
308


SJ85AJ
SKYJACK

9.30 Elevate Telematics

Index No.	Skyjack Part No.	Qty.	Description
A	223028	1	ELEVATE TELEMATICS WITH KEYPAD INSTALLATION KIT
B	223029	1	ELEVATE TELEMATICS WITHOUT KEYPAD INSTALLATION KIT
C	223263	1	ELEVATE TELEMATICS WITH KEYPAD REWORK KIT
D	223264	1	ELEVATE TELEMATICS WITHOUT KEYPAD REWORK KIT
			The parts list is continued from the previous page.
-	221895	1	• WIRING FIELD KIT, Elevate, C, D
19	221896	1	• • HARNESS, Elevate plug
20	223262	1	• • HARNESS, CAN/L long
21	102702	17"	• • WIRE, Red
22	221878	2	• • WIRE ASSEMBLY, 57A/57B
23	221873	1	• • WIRE ASSEMBLY, D57D
24	105267	4	• • SPLICE, Butt (10-12 AWG insulated yellow vinyl)
25	105360	2	• • TERMINAL, Male (14-16 GA 1/4 insulated)
26	137940	2	• • BLOCK, Terminal - 4 cond through
27	126808	2	• • TERMINAL (14-18 GA 1/4 non-insulated) (not shown)
28	116266	1	• • CONNECTOR, Strain relief
29	127131	1	• • RELAY, 12 V 40 amp
30	138749	1	• • SOCKET, Automotive relay
31	221150	1	• • LABEL, 57DCR
32	221894	1	• • WIRE ASSEMBLY, CAN H+L connector (not shown)
33	221111	1	• INSTRUCTION, Operating - Elevate telematics (not shown), A, C

9.31 Elevate Telematics Subscription

AE

Index No.	Skyjack Part No.	Qty.	Description
			 NOTE One of the following subscriptions is required to use the Elevate Telematics option.
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)

Section 10 – Labels

10.1 *Label Kits*

10.2 *Labels - Controls Side*

10.3 *Labels - Engine Side*

10.4 *Labels - Platform*

10.5 *Labels for KC*

10.1 Label Kits

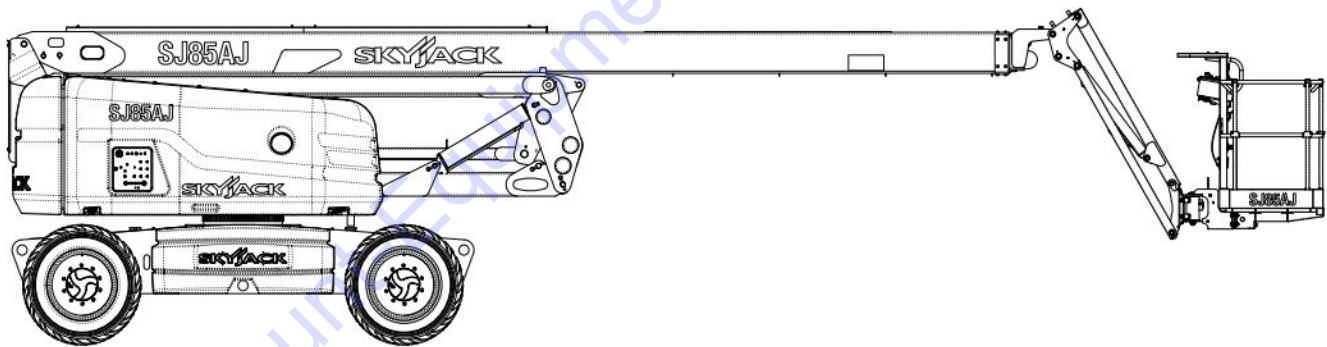
The following label kits contain all of the labels required for a complete standard machine, with the exception of:

- Serial number plates
- Engine- and fuel-specific labels
- Powerline clearance label for AS
- Safety tape
- Hose labels for KC

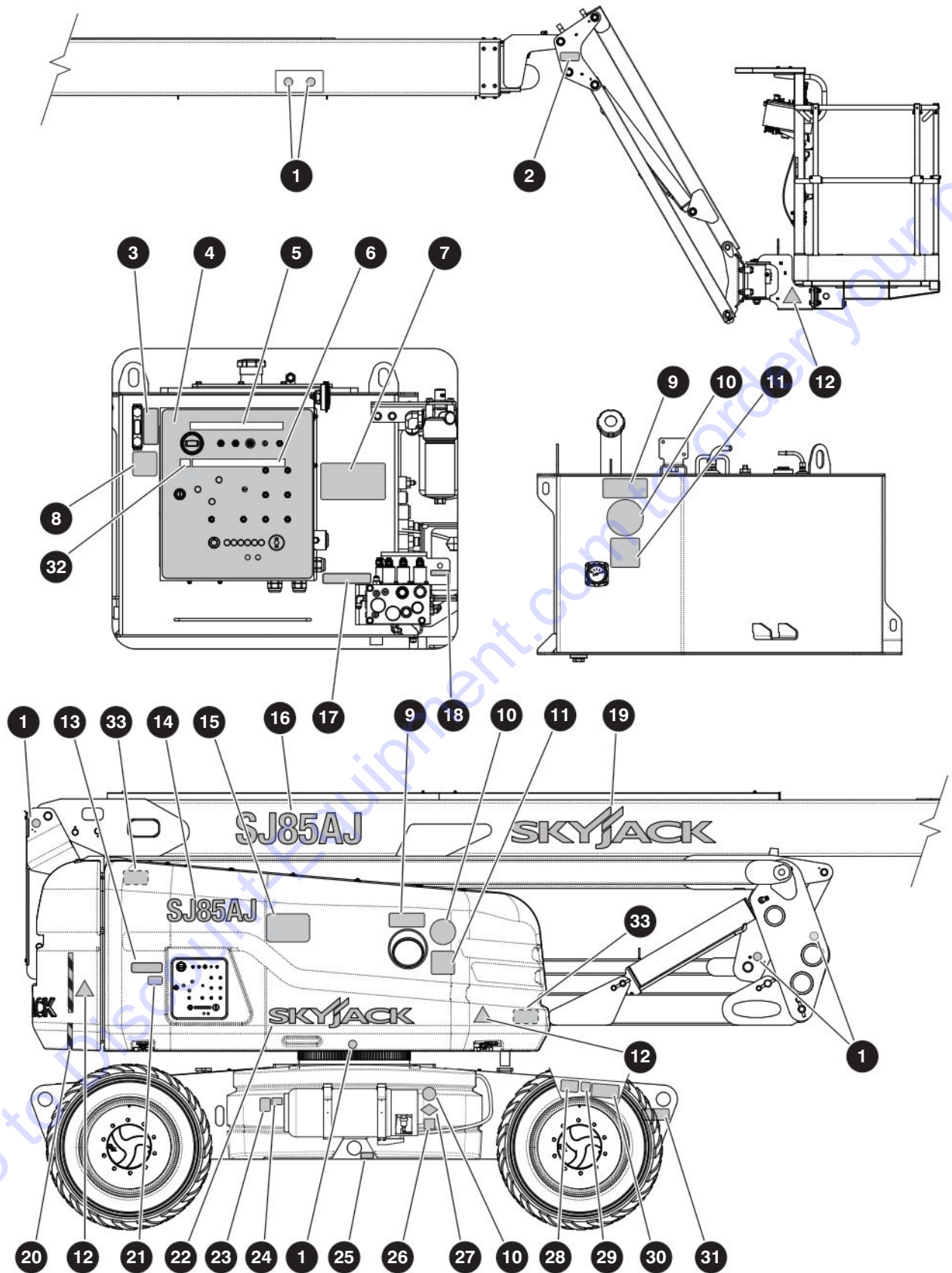
Contact Discount-equipment to order those labels individually.

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

Model	ANSI/CSA	CE	AS	KC
SJ85AJ	216257	216258	216259	216875



SKYJACKTM



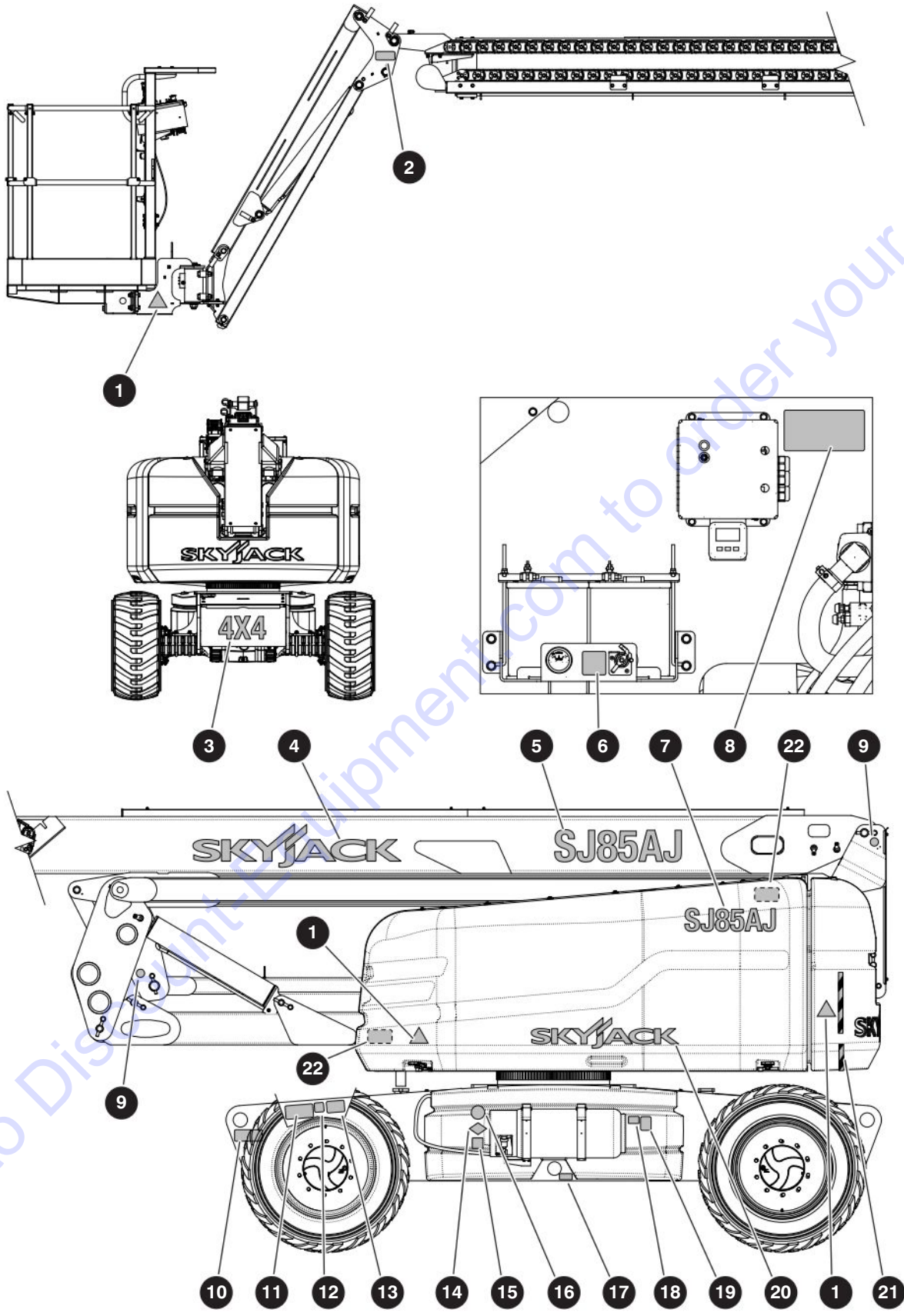
M172480AD-CS

210340AE

SJ85AJ

Index No.	Skyjack Part No.	Qty.	Description
1	156613	4	LABEL, Do not alter
2	137988	1	LABEL, Warning - crush/pinch point
3	172425	1	LABEL, Hydraulic oil level
4	198122	1	LABEL, Base Controls
5	198123	1	LABEL, Upper relay names - ANSI/CSA, AS, KC
	198356	1	LABEL, Upper relay names - CE
6	198124	1	LABEL, Lower relay names - ANSI/CSA, AS, KC
	198474	1	LABEL, Lower relay names - ANSI/CSA with Positive Air Shut-off Option
	212381	1	LABEL, Lower relay names - CE
7	161139	1	LABEL, Winch/tow procedure
8	143593	1	LABEL, Hydraulic oil - Standard
	144633	1	LABEL, Hydraulic oil - Arctic weather option
	172427	1	LABEL, Hydraulic oil - Bio oil option
9	168457	2	LABEL, Open slowly - Kubota engine
10	138146	3	LABEL, No smoking - Kubota engine
11	132400	2	LABEL, Unleaded gasoline - Kubota engine
	162852	2	LABEL, Ultra low sulfur fuel only - Deutz TD2.9 and Perkins engines
	149502	2	LABEL, Low sulfur fuel only - Deutz D2011 engine
12	139314	3	LABEL, Body crush
13	156441	1	LABEL, Annual inspection
14	172483	1	LABEL, SJ85AJ (22")
15	161631	1	LABEL, Power line clearance - AS
16	172484	1	LABEL, SJ85AJ (31")
17	138211	1	LABEL, Connect AC supply
18	152230	1	LABEL, Grease point
19	164773	1	LABEL, Skyjack (51")
20	119803	18"	LABEL, Safety tape (1" wide)
21	172494	1	LABEL, Emergency lowering at base controls
22	161142	1	LABEL, Skyjack (36")
23	150976	1	LABEL, Sound power level - CE, AS
24	117023	1	LABEL, CE mark - CE
25	157528	1	LABEL, Tie down
26	103023	1	LABEL, LPG fuel - Kubota engine
27	120390	1	LABEL, Propane - Kubota engine
28	124631	2	LABEL, Wheel info
29	172562	2	LABEL, Wheel load (7710 kg/17,000 lb)
30	142384	2	LABEL, Foam fill only
31	124767	2	LABEL, Lift point/tie down
32	211150	1	LABEL, Relay 57DCR - Elevate Telematics Option
33	172680	2	LABEL, Maintenance support (located on the turret inner wall)

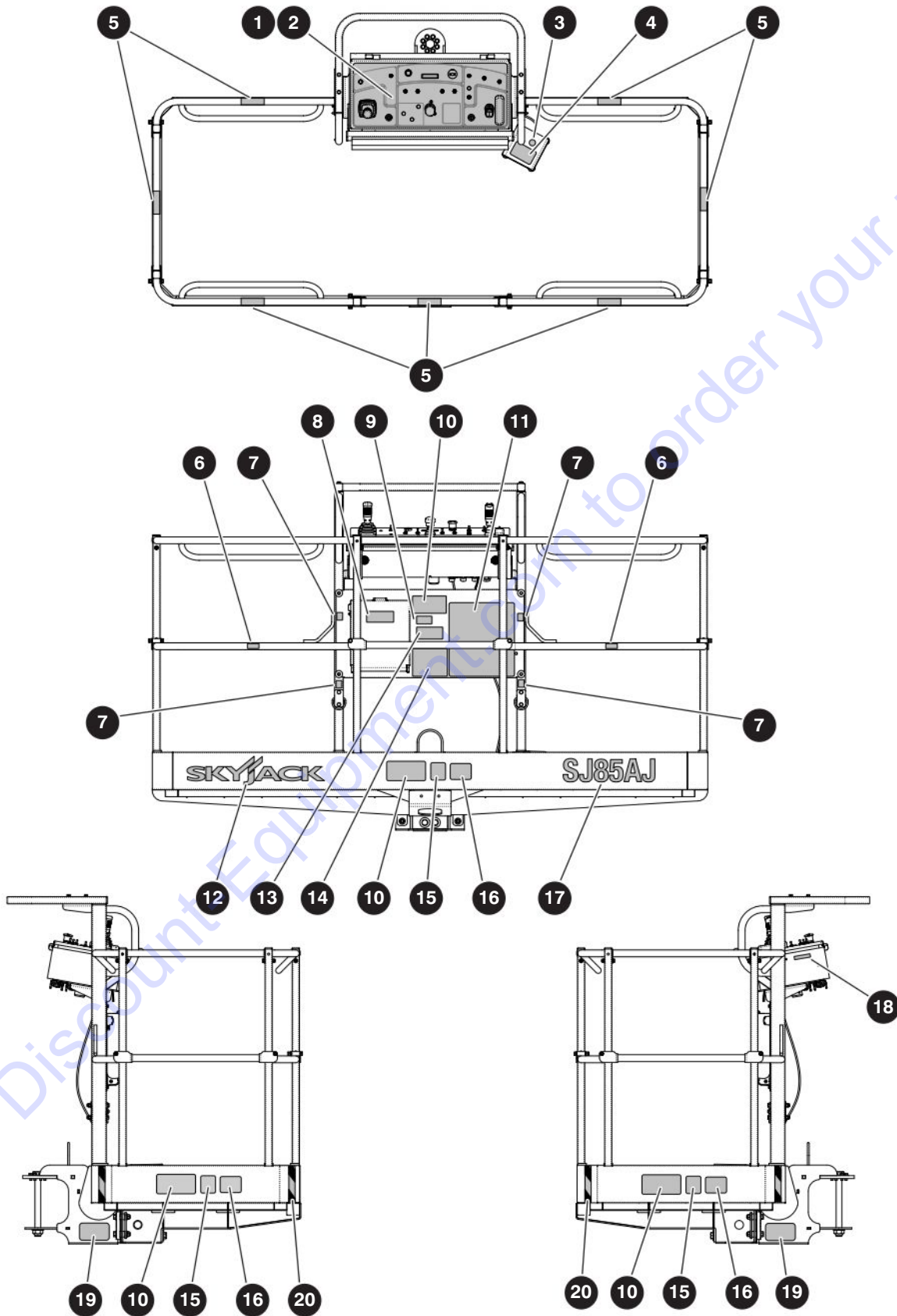
10.3 Labels - Engine Side



M172480AD-ES

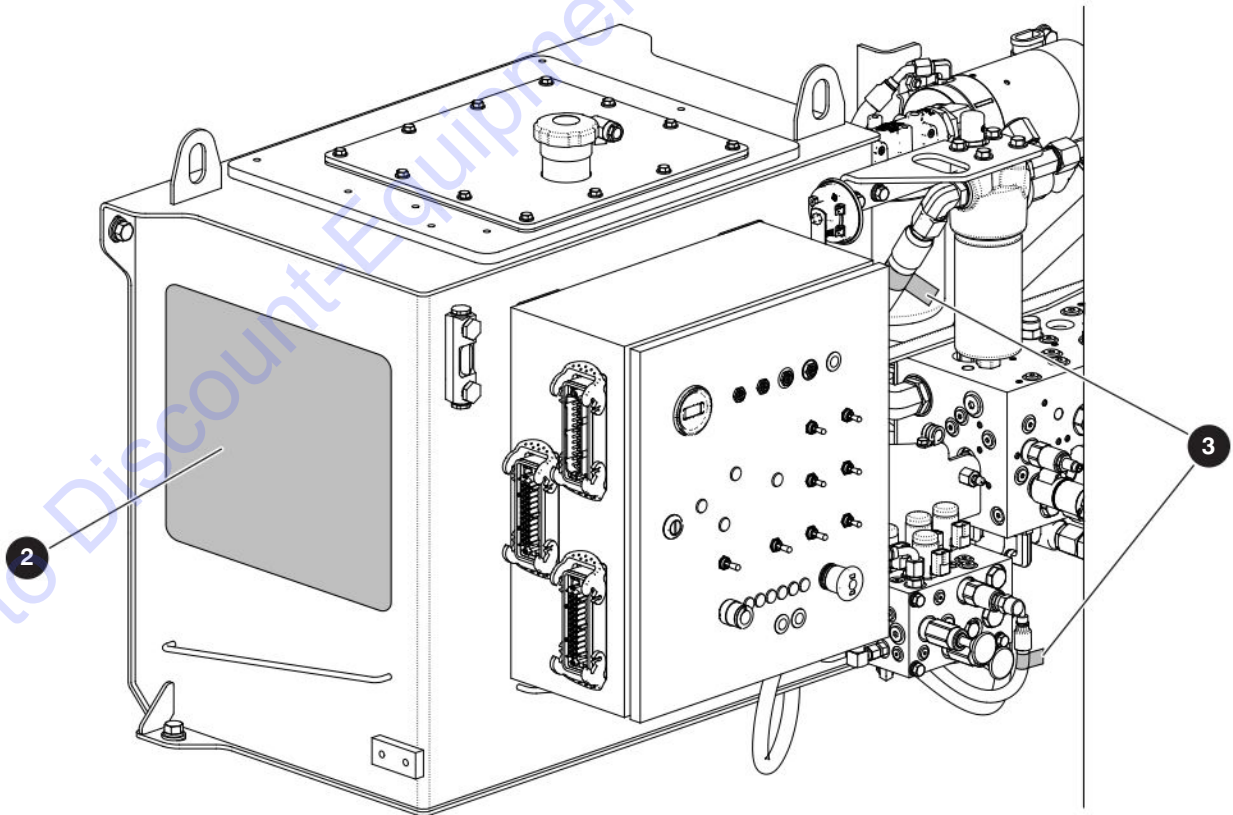
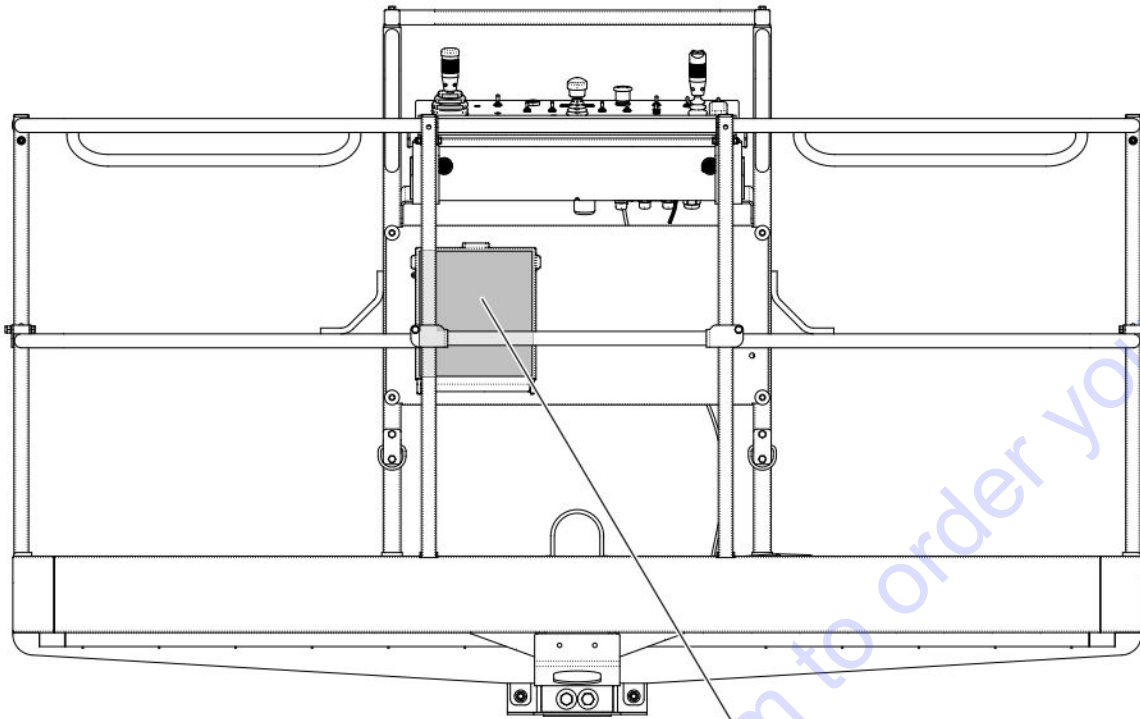
10.3 Labels - Engine Side

Index No.	Skyjack Part No.	Qty.	Description
1	139314	3	LABEL, Body crush
2	137988	1	LABEL, Warning - crush/pinch point
3	159509	2	LABEL, 4X4
4	164773	1	LABEL, Skyjack (51")
5	172484	1	LABEL, SJ85AJ (31")
6	119674	1	LABEL, Battery disconnect switch
7	172483	1	LABEL, SJ85AJ (22")
8	161139	1	LABEL, Winch/tow procedure
9	156613	2	LABEL, Do not alter
10	124767	2	LABEL, Lift point/tie down
11	142384	2	LABEL, Foam fill only
12	172562	2	LABEL, Wheel load (7500 kg/16,500 lb)
13	124631	2	LABEL, Wheel info
14	120390	1	LABEL, Propane - Kubota engine
15	103023	1	LABEL, LPG fuel - Kubota engine
16	138146	2	LABEL, No smoking - Kubota engine
17	157528	1	LABEL, Tie down
18	117023	1	LABEL, CE mark - CE
19	150976	1	LABEL, Sound power level - CE, AS
20	161142	1	LABEL, Skyjack (36")
21	119803	18"	LABEL, Safety tape (1" wide)
22	172680	2	LABEL, Maintenance support (located on the turret inner wall)



M172480AA-PL

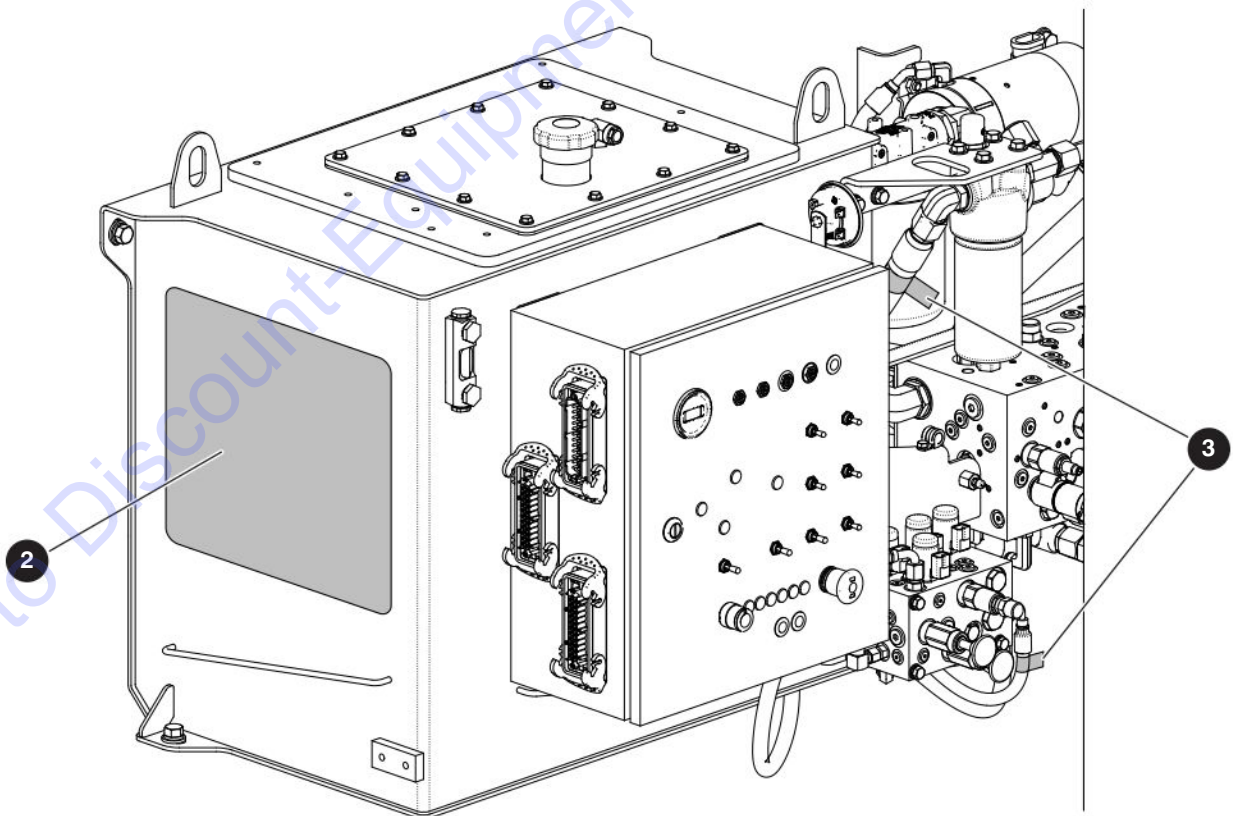
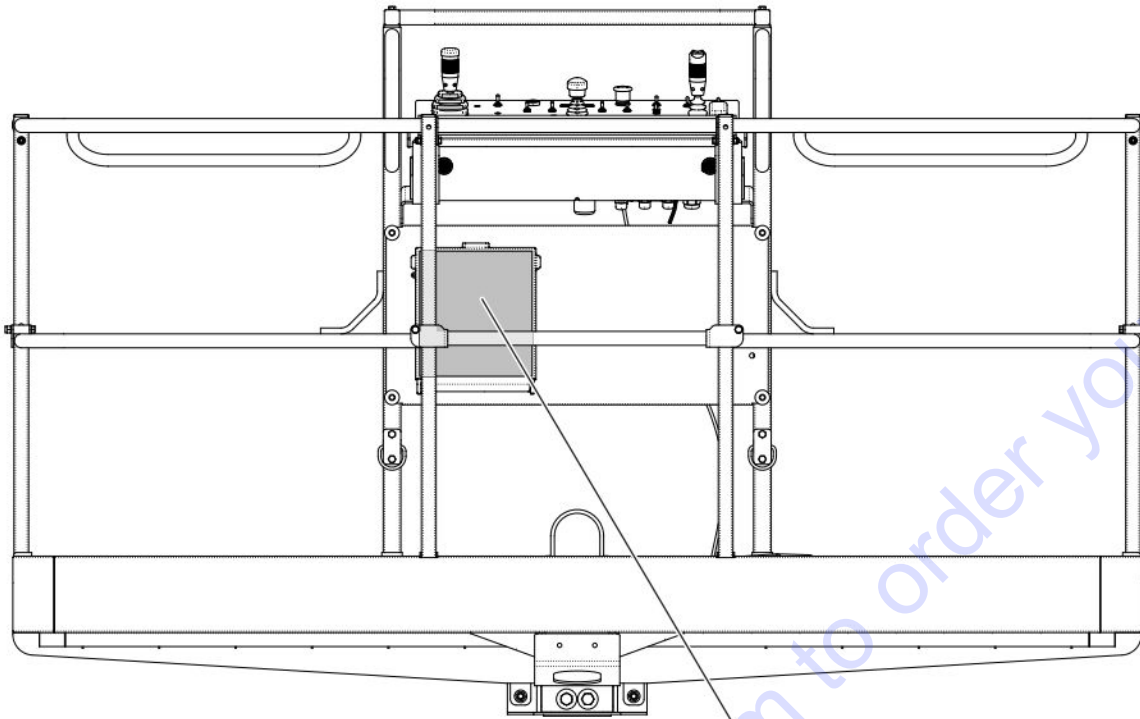
Index No.	Skyjack Part No.	Qty.	Description
1	198131	1	LABEL, Platform controls
2	198128	1	LABEL, Relay names (<i>located inside the control box</i>)
3	156613	1	LABEL, Do not alter
4	143638	1	LABEL, Footswitch enable
5	137988	6	LABEL, Crush/pinch point
6	115543	7	LABEL, Warning - no step
7	172639	4	LABEL, Harness anchorage - ANSI/CSA, AS, KC
	172640	4	LABEL, Harness anchorage - CE
8	123628	1	LABEL, Manual box
9	114252	1	LABEL, California proposition 65 - ANSI/CSA
10	172280	4	LABEL, Capacity - dual (750/500 3/2P)
11	159500	1	LABEL, Warning - hazards
12	172272	1	LABEL, Skyjack logo (24")
13	147043	1	LABEL, "Click it!"
14	161631	1	LABEL, Clearance power lines - AS
15	124362	3	LABEL, Warning - do not wear jewelry
16	159513	3	LABEL, Daily maintenance checklist
17	172482	1	LABEL, "SJ85AJ"
18	138211	1	LABEL, Connect AC supply
19	147111	2	LABEL, Tie down points transportation
20	119803	24"	LABEL, Safety tape (1" wide)



M172702AA

210340AE
320

Index No.	Skyjack Part No.	Qty.	Description
-	172745	1	LABEL ASSEMBLY - KC
1	216443	1	LABEL, Quick start - KC
2	172701	1	LABEL, Hydraulic hoses layout - KC
3	172359	1	LABEL, "1"
	172360	1	LABEL, "2"
	172361	1	LABEL, "3"
	172362	1	LABEL, "4"
	172363	1	LABEL, "5"
	172364	1	LABEL, "6"
	172365	1	LABEL, "7"
	172366	1	LABEL, "8"
	172367	1	LABEL, "9"
	172368	1	LABEL, "10"
	172369	1	LABEL, "11"
	172374	1	LABEL, "12"
	172375	1	LABEL, "13"
	172376	1	LABEL, "14"
	172377	1	LABEL, "15"
	172378	1	LABEL, "16"
	172379	1	LABEL, "17"
	172380	1	LABEL, "18"
	172381	1	LABEL, "19"
	172436	1	LABEL, "20"
	172437	1	LABEL, "21"
	172438	1	LABEL, "22"
	172439	1	LABEL, "23"
	172440	1	LABEL, "24"
	172441	1	LABEL, "25"
	172442	1	LABEL, "26"
	172443	1	LABEL, "27"
	172444	1	LABEL, "28"
	172445	1	LABEL, "29"
	172707	1	LABEL, "30"
	172708	1	LABEL, "31"
	172709	1	LABEL, "32"
	172710	1	LABEL, "33"
	172711	1	LABEL, "34"
	172712	1	LABEL, "35"
	172713	1	LABEL, "36"
	172714	1	LABEL, "37"



M172702AA

Index No.	Skyjack Part No.	Qty.	Description
3	172715	1	LABEL, "38"
	172716	1	LABEL, "39"
	172717	1	LABEL, "40"
	172718	1	LABEL, "41"
	172719	1	LABEL, "42"
	172720	1	LABEL, "43"
	172721	1	LABEL, "44"
	172722	1	LABEL, "45"
	172723	1	LABEL, "46"
	172724	1	LABEL, "47"
	172725	1	LABEL, "48"
	172726	1	LABEL, "49"
	172727	1	LABEL, "50"
	172728	1	LABEL, "51"
	172729	1	LABEL, "52"
	172730	1	LABEL, "53"
	172731	1	LABEL, "54"
	172732	1	LABEL, "55"
	172733	1	LABEL, "56"
	172734	1	LABEL, "57"
	172735	1	LABEL, "58"
	172736	1	LABEL, "59"
	172737	1	LABEL, "60"
	172738	1	LABEL, "61"
	172739	1	LABEL, "62"
	172740	1	LABEL, "63"
	172741	1	LABEL, "64"
	172742	1	LABEL, "65"
	172743	1	LABEL, "66"
	172744	1	LABEL, "67"
216874	1	LABEL, "68"	

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter your information to help us find the right parts manual for your machine.

* Brand:

* Model:

* Serial:

* Part Number:

SEARCH

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar