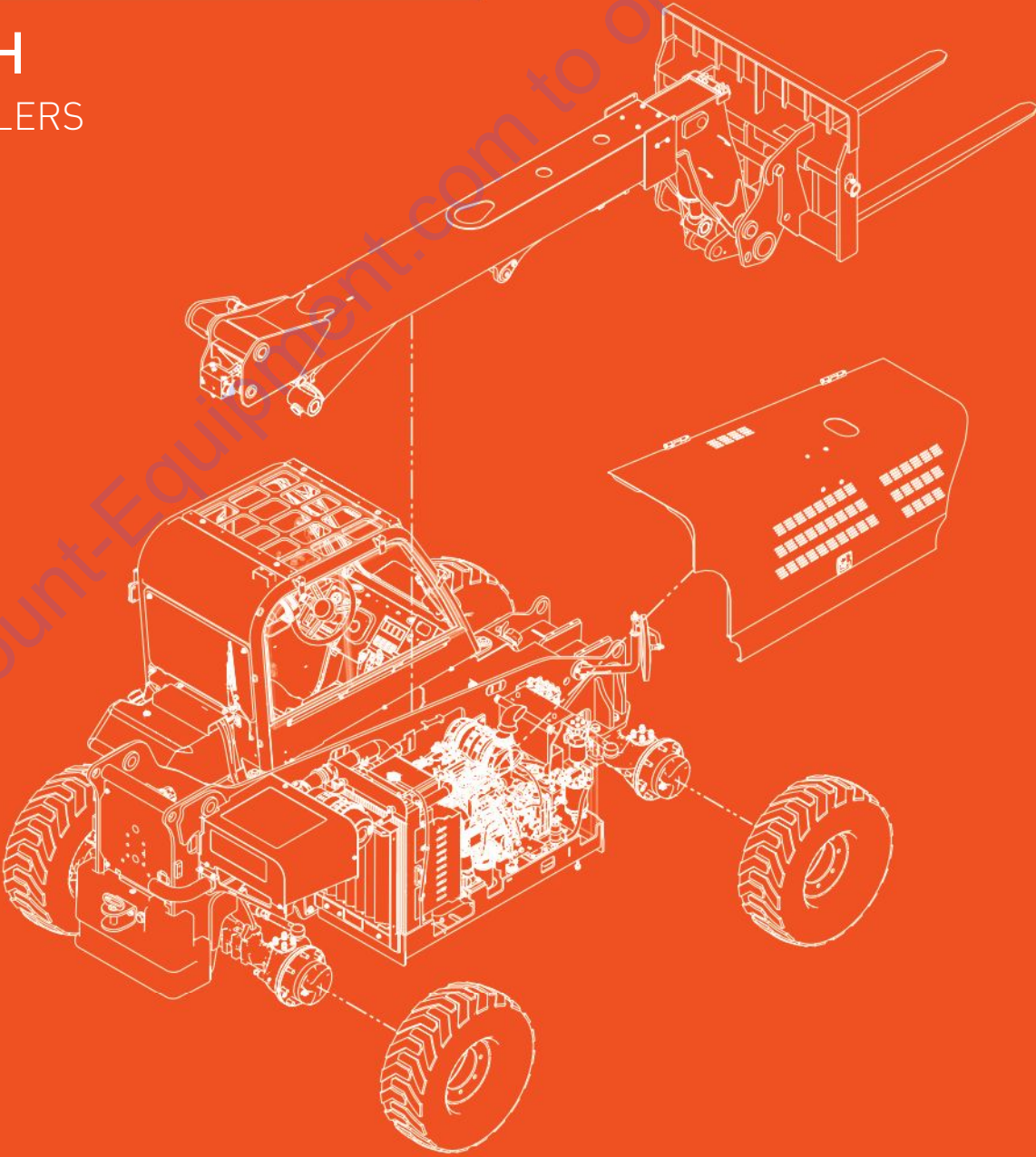




SKYJACK

PARTS MANUAL

SJ519 TH
TELEHANDLERS



216941AC
October 2020
ANSI/CSA

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

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Model & Description**

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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"/>

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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.

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This manual is based on Serial Number(s):

SJ519 TH: 87 500 000 to 87 599 999

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for contact information, other Serial Numbers, the most
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Table of Contents

Table of Contents	3
Foreword	7
General	7
Parts Ordering Information	7
Method of Listing	7
Quantities	7
How To Order Repair Parts	7
Section 1 – Main Frame	9
1.1 Frame	10
1.2 Cowling	12
1.3 Fuel Tank	14
1.4 Hydraulic Tank	16
Section 2 – Axles	19
2.1 Front Axle	20
2.2 Front Axle - Differential	22
2.3 Front Axle - Hub Reduction	24
2.4 Front Axle - Central Housing	26
2.5 Front Axle - Hub Reduction	27
2.6 Front Axle - Brakes	28
2.7 Rear Axle	30
2.8 Rear Axle Housing	31
2.9 Rear Axle - Differential	32
2.10 Rear Axle - Hub Reduction	34
2.11 Rear Axle - Hub Reduction	36
2.12 Rear Axle - Steering	37
2.13 Rear Axle - Trunion	38
2.14 Drive Shaft	39
2.15 Tire and Wheel Assembly	40
Section 3 – Engine	43
3.1 Engine Tray	44
3.2 Engine Assembly	46
3.3 Cooler	48
3.4 Cooler Hoses	50
3.5 Air Intake	52
3.6 Hydraulic Pump (Piston Drive)	54

3.7	Hydraulic Pump (Variable Displacement)	56
3.8	Fuel Lines	58
Section 4 – Operator's Cab		61
4.1	Cab Assembly	62
4.2	Open Cab	64
4.3	Open Cab Components	66
4.4	Steering Column	68
4.5	Orbital Steering Motor	70
4.6	Joystick	72
4.7	Proportional Flow Control Valve	74
4.8	Front Dash	76
4.9	Right Hand Dash Panel	78
4.10	Left Hand Dash Panel	80
4.11	Relay Bracket	82
4.12	Brake and Throttle Pedals	84
4.13	Enclosed Cab	86
4.14	Cab Door	90
4.15	Heater Unit Components	92
4.16	Heater Lines	94
Section 5 – Electrical		81
5.1	Glow Plug Harness	82
5.2	Console Harness	84
5.3	Engine Harness	88
5.4	Battery Cables	92
Section 6 – Boom		95
6.1	Boom Components	96
6.2	Boom Components	98
6.3	Boom Sub-carriage	102
Section 7 – Cylinders		105
7.1	Fork Tilt Cylinder	106
7.2	Lift Cylinder	108
7.3	Extend Cylinder	110
7.4	Tilt Compensation Cylinder	112
7.5	Quick Attach Cylinder	114
Section 8 – Hydraulics		117
8.1	Standard Hose Numbering System	118
8.2	Main Manifold Assembly	120
8.3	Main Manifold	122
8.4	Main Manifold Components	124
8.5	Pilot Manifold	126

8.6	Pilot Manifold Components	128
8.7	Steer Valve Assembly	130
8.8	Steer Valve	132
8.9	Hydraulic Filters	134
8.10	Hydraulic Hoses - Cylinders	136
8.11	Drive and System Pump Hoses	138
8.12	Drive and System Pump Hoses	140
8.13	Steer and Brake Hoses	142
8.14	Hydraulic Tank Oil Fill	144
8.15	Pilot Manifold Hoses	146
8.16	Cab Hydraulic Hoses	148
Section 9 – Standard and Optional Attachments		151
9.1	Mechanical Quick Coupler	152
9.2	Hydraulic Quick Coupler	154
9.3	Standard Carriage	156
9.4	Side Tilt Carriage	158
9.5	Side Shift Carriage	160
9.6	Forks	162
9.7	Skid Steer Adapter	164
9.8	72" Trust Boom	166
9.9	1/2 Cubic Yard Bucket	167
Section 10 – Factory Options		169
10.1	Road Lights	170
10.2	Boom and Work Lights	172
10.3	Work Lights	174
10.4	Beacon Light	176
10.5	Four Wheel Fenders	178
10.6	Backup Camera and Sensor	180
10.7	Backup Sensor	182
10.8	Potentiometer	184
10.9	Positive Air Shutoff	186
10.10	Air Conditioner	188
10.11	A/C Compressor	190
10.12	Fire Extinguisher Bracket	192
10.13	Service Convenience Kit	194
Section 11 – Labels		197
11.1	Model Specific Labels	198
11.2	Pictorial Labels Layout	200
11.3	Cab Labels Layout	204
Section 12 – Tables		207
12.1	Recommended Fluids	208

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 sub-assemblies 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

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

Customer: _____

Dealer: _____

Model Number: _____

Serial Number: _____

Date Purchased: _____

Section 1 – Main Frame

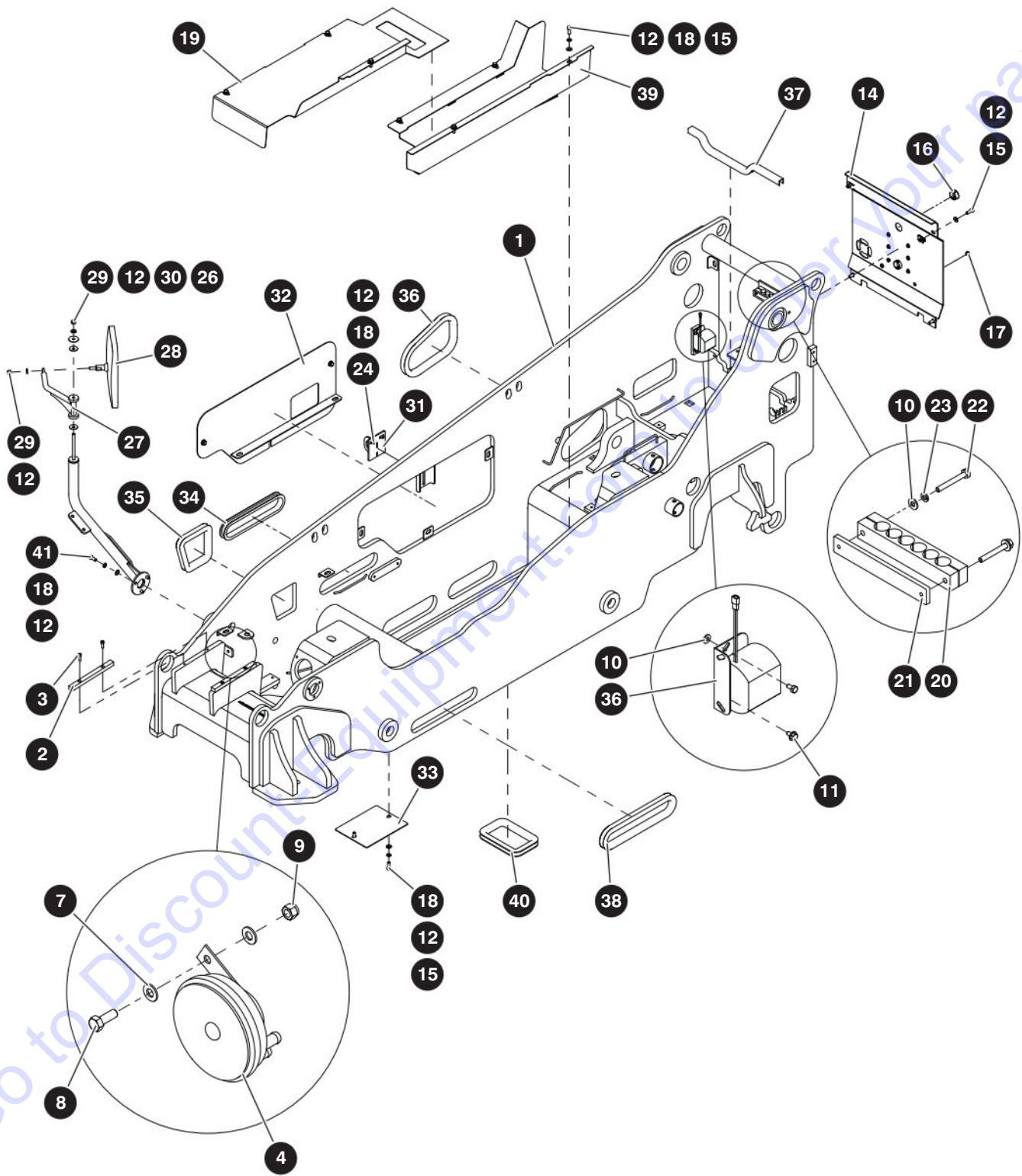
1.1 *Frame*

1.2 *Cowling*

1.3 *Fuel Tank*

1.4 *Hydraulic Tank*

1.1 Frame



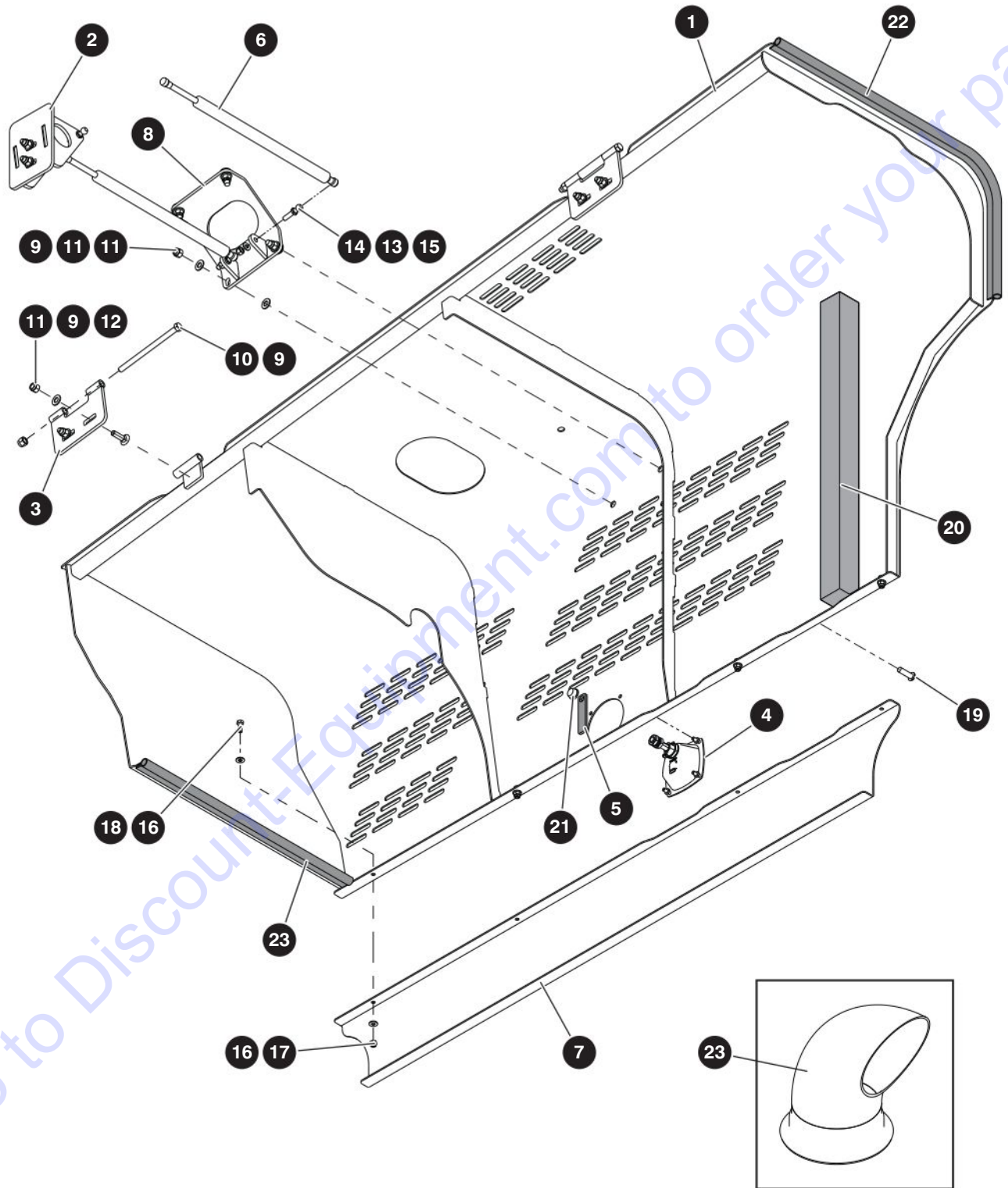
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1.1 Frame

Index No.	Skyjack Part No.	Qty.	Description
-	9-206215	1	FRAME COMPONENTS
1	9-206047	1	• FRAME
2	9-205621	2	• PAD, Frame
3	9-157822	4	• SCREW, Socket Head Cap 5/16"-18 x 7/8"
4	9-923025	1	• HORN, Electric 12 V
5	9-159294	9	• NUT, Speed clip 3/8"-16
6	9-921172	1	• BACK UP ALARM
7	9-103996	2	• WASHER, Flat 5/16"
8	9-207266	1	• BOLT, Hex head 5/16"-18 x 0.875 gr5
9	9-103984	1	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
10	9-103995	4	• WASHER, Flat 1/4"
11	9-103855	2	• BOLT, Hex head 1/4"-20 x 1/4" gr5
12	9-125959	27	• WASHER, Flat 3/8" hard
13	9-205510	4	• BOLT, Hex head 3/8"-16 x 1.125 gr5
14	9-206132	1	• COVER, Frame, rear
15	9-103473	16	• BOLT, Hex head zinc plated (3/8"-16 x 1" gr. 5)
16	9-197539	2	• PLUG, Snap in for 1-3/8" hole
17	9-114377	8	• PLUG, Snap in for 1/2" hole
18	9-103999	17	• WASHER, lock 3/8"
19	9-206899	1	• COVER, Front
20	9-206336	1	• CLAMP, Hose
21	9-206337	1	• PLATE, Clamp top
22	9-103861	2	• BOLT, Hex head zinc plated (1/4"-20 x 2" Gr. 5)
23	9-104000	2	• WASHER, Lock 1/4"
24	9-138464	2	• BOLT, Hex head 3/8"-16 x 5/8" gr5
25	9-206617	1	• MOUNT, Mirror
26	9-191892	2	• WASHER, Plastic 3/8" x 1-1/4"
27	9-191890	1	• WELDMENT, Mirror rotation
28	9-931379	1	• MIRROR
29	9-104606	2	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
30	9-127067	1	• WASHER, Flat 3/8" style
31	9-206979	1	• BULKHEAD, Weldment
32	9-206890	1	• COVER, Engine side weldment
33	9-206488	1	• PLATE, Cover bottom
34	9-162053	35"	• PROTECTIVE TRIM - 3/4"
35	9-162053	18"	• PROTECTIVE TRIM - 3/4"
36	9-162053	18"	• PROTECTIVE TRIM - 3/4"
37	9-162053	21.2"	• PROTECTIVE TRIM - 3/4"
38	9-162053	31"	• PROTECTIVE TRIM - 3/4"
39	9-206901	1	• COVER, rear
40	9-196566	21	• PROTECTIVE TRIM, 1/2" to 5/8"
41	9-300437	3	• BOLT, Hex head 3/8"-16 x 7/8" Gr. 5

1.2 Cowling



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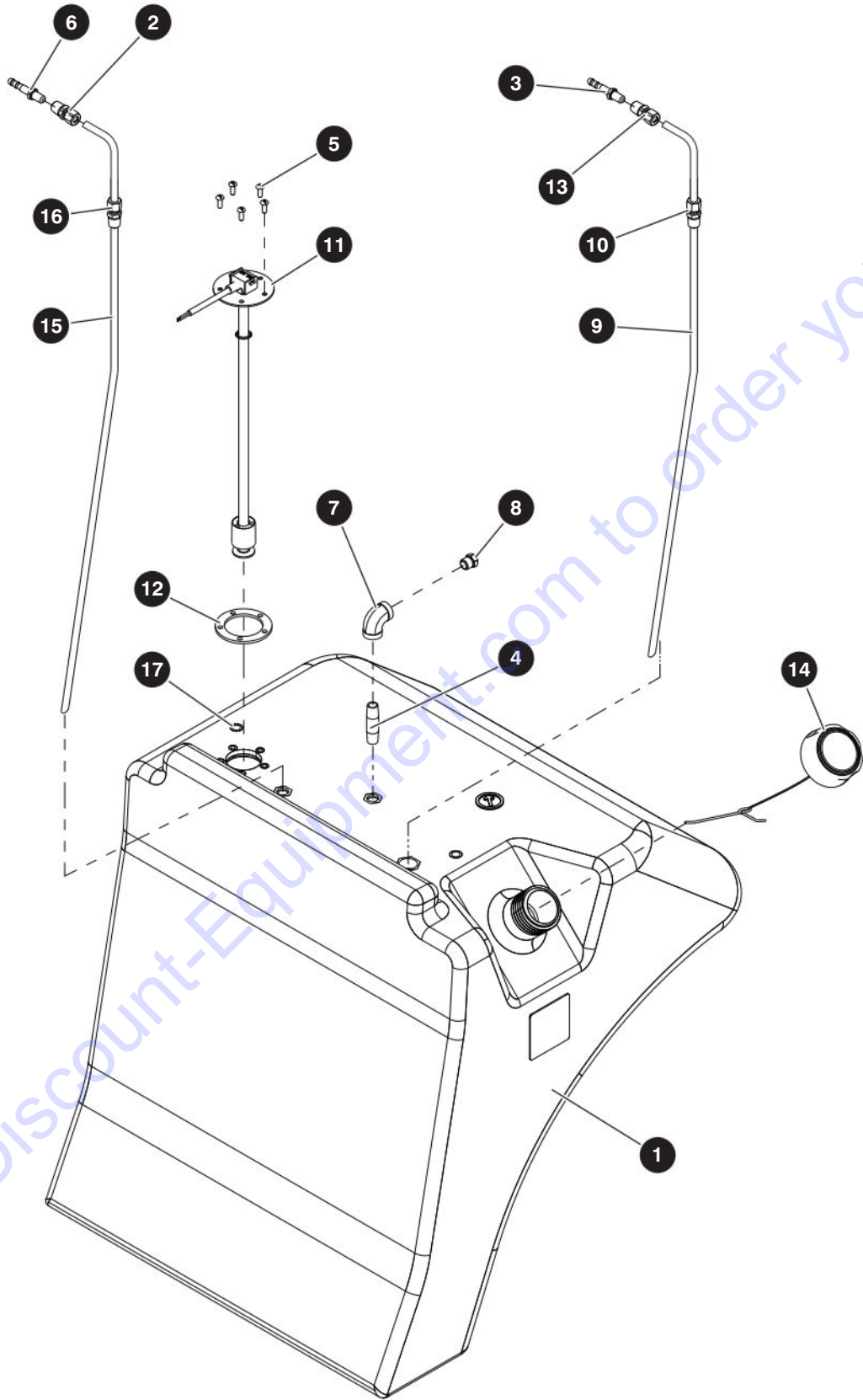
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1.2 Cowling

Index No.	Skyjack Part No.	Qty.	Description
-	9-206588	1	COWLING GROUP
1	9-206594	1	• COWLING
2	9-206762	1	• MOUNT, Chassis strut
3	9-205672	2	• HINGE, Cowling
4	9-190462	1	• LATCH, Compression
5	9-190463	1	• • PLATE, Latch
6	9-190925	2	• GAS SPRING, Cowling
7	9-206767	1	• PLATE, Cowling extension
8	9-206759	1	• MOUNT, Cowling strut
9	9-104606	12	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
10	9-138736	2	• BOLT, Hex Head 3/8"-16 x 6" Gr. 5
11	9-103472	14	• WASHER, Flat 3/8"
12	9-127393	6	• BOLT, Carriage 3/8"-16 x 1-1/4" Gr. 5
13	9-103984	4	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
14	9-103996	4	• WASHER, Flat 5/16"
15	9-138836	4	• STUD, Ball
16	9-103995	8	• WASHER, Flat 1/4"
17	9-115649	4	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
18	9-103856	4	• BOLT, Hex head zinc plated 1/4"-20 x 3/4" Gr. 5
19	9-122257	4	• BOLT, Button head cap screw 3/8"-16 x 1-1/4"
20	9-148368	26.75"	• FOAM SEAL - #1441 (2" X 2")
21	9-224179	1	• CAP, Protector 13/32" sd
22	9-149357	55"	• SEAL, Bulb
23	9-206502	1	EXHAUST

1.3 Fuel Tank



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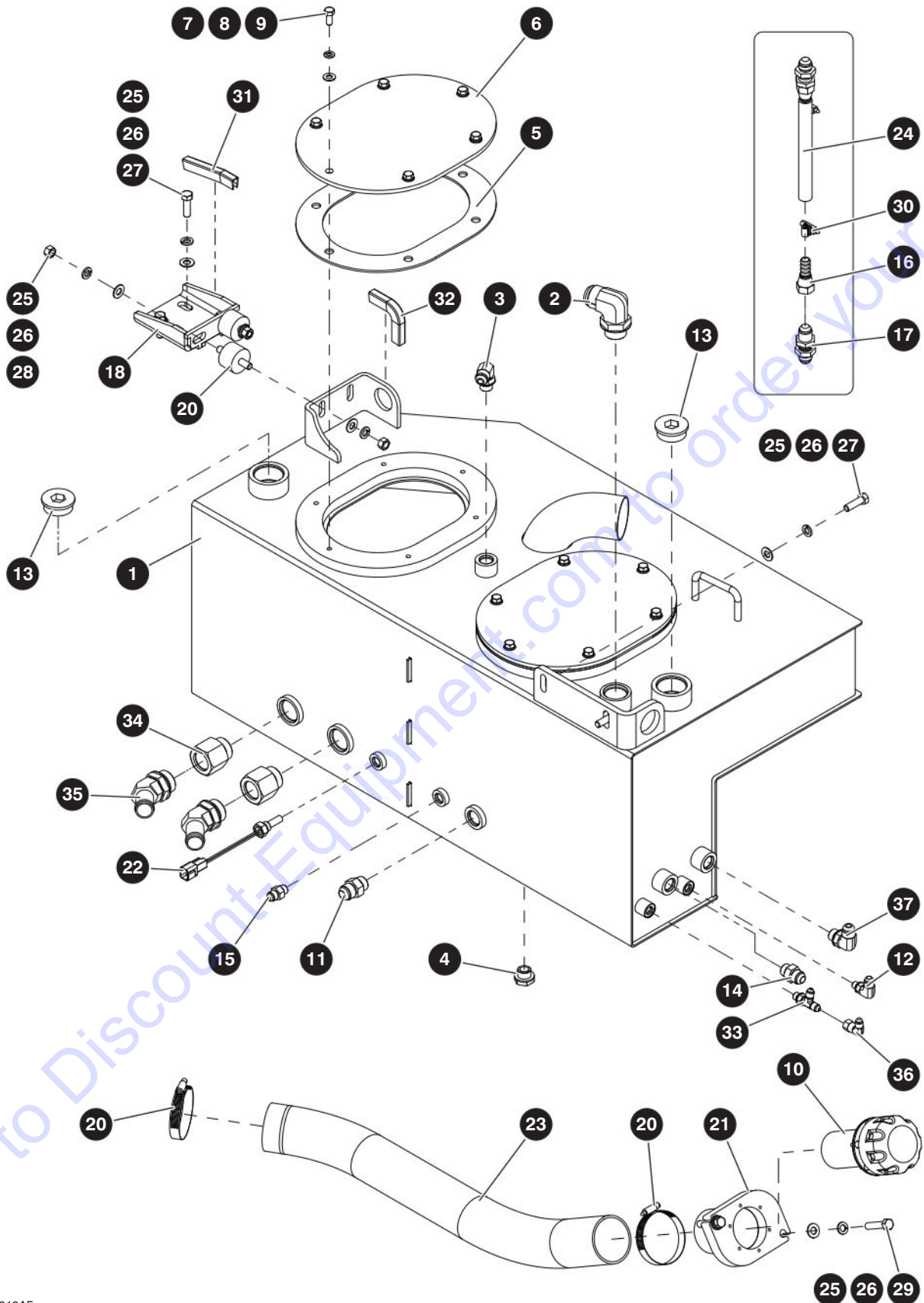
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1.3 Fuel Tank

Index No.	Skyjack Part No.	Qty.	Description
-	9-205724	1	FUEL TANK
-	9-205723	1	• FUEL TANK GROUP
1	9-205638	1	• • TANK, Fuel - SJ519 TH
2	9-191979	1	• • FITTING, Straight adapter 05 BT - 02 FP
3	9-191977	1	• • FITTING - Beaded hose barb .500 tube
4	9-143478	1	• • FITTING - Nipple (04NPTM - 2 LG BRASS)
5	9-103962	5	• • SCREW, Round Head machine 10-32 x 1/4"
6	9-191978	1	• • FITTING - Beaded hose barb 5/16" tube
7	9-144325	1	• • FITTING, 90° (1/4" NPTF x 1/4" NPTF brass)
8	9-116408	1	• • VENT, Breather-1/4 NPT
-	9-232371	1	• • TUBE, Fuel diesel suction and fitting
9	9-232370	1	• • • TUBE, Fuel diesel suction
10	9-164674	1	• • • FITTING, Tube compression 1/2' OD x 1/2' NPT
11	9-205725	1	• • FUEL SENDER
12	9-191253	1	• • GASKET, Fuel tank
13	9-165716	1	• • FITTING, Straight adapter 08BT06FP
14	9-144410	1	• • CAP - Fuel (non epa)
-	9-224182		• • TUBE, Fuel diesel return and fitting
15	9-224181		• • • TUBE, Fuel diesel return
16	9-103155	1	• • • BRASS, Tank fitting #T68-5B
17	9-197516	2	• PLUG, 3/8" Tapered series

1.4 Hydraulic Tank



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SJ519 TH

1.4 Hydraulic Tank

Index No.	Skyjack Part No.	Qty.	Description
-	9-205812	1	HYDRAULIC TANK
-	9-205849	1	• TANK,Hydraulic
1	9-205848	1	• • TANK, Hydraulic
2	9-707040	1	• • FITTING, 90° (16 JICM-16 ORBM)
3	9-114583	1	• • FITTING, 90° (08 JICM-08 ORBM)
4	9-117701	1	• • PLUG, Tank (3/4" 16 UNF with magnet
5	9-191231	2	• • GASKET, Hydraulic tank
6	9-205521	2	• • PLATE, Access cover
7	9-103996	12	• • WASHER, Flat 5/16"
8	9-103404	12	• • WASHER, Lock 5/16"
9	9-103887	12	• • BOLT, Hex Head 5/16"-18 x 3/4" Gr. 5
10	9-191484	1	• • FILLER BREATHER, 1 psi
11	9-137630	1	• FITTING, 10 ORBM to 10 JICM
12	9-113348	1	• FITTING, 90° (06 JICM - 04 ORBM)
13	9-144113	2	• PLUG, Fitting (20 orb hex socket)
14	9-102659	1	• FITTING, Straight (08 JICM - 08 ORBM)
15	9-103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
16	9-144087	2	• FITTING, Straight swivel (08 B - 08 JICFS)
17	9-702598	2	• FITTING, 8 JIC with lock nut
18	9-191959	1	• MOUNT, Hydraulic tank
19	9-205585	2	• ISOLATOR, Stud mount
20	9-163193	2	• CLAMP, Hose (3")
21	9-205840	1	• MOUNT, Oil fill
22	9-206525	1	• SWITCH, Temperature 200f
23	9-H784000460	1	• HOSE, Hydraulic
24	9-206463	1	• TUBE, Clear vinyl 1/2" ID x 3/4" OD x 6.75" long
25	9-125959	10	• WASHER, Flat 3/8" hard
26	9-103999	10	• WASHER, Lock 3/8"
27	9-101297	4	• BOLT, Hex head zinc plated 3/8"-16 x 1-1/4" Gr. 5
28	9-103978	4	• NUT, Hex 3/8" - 16 Gr. 5
29	9-103871	2	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 5
30	9-102519	2	• CLAMP, Hose (3/8")
31	9-119922	4	• PROTECTIVE TRIM 1/4"-1/2"
32	9-119922	4.375"	• PROTECTIVE TRIM 1/4"-1/2"
33	9-211844	1	• FITTING, Run tee (04 JICM - 04 ORBM - 04 JICM)
34	9-160919	2	• FITTING, Straight (16 ORBM - 16 ORBF)
35	9-224189	2	• FITTING, 45° (16 BEAD - 16 ORBM)
36	9-702875	1	• FITTING - 90° Swivel (04 JICM - 04 JICFS)
37	9-114583	1	• FITTING, 90° (08 JICM - 08 ORBM)

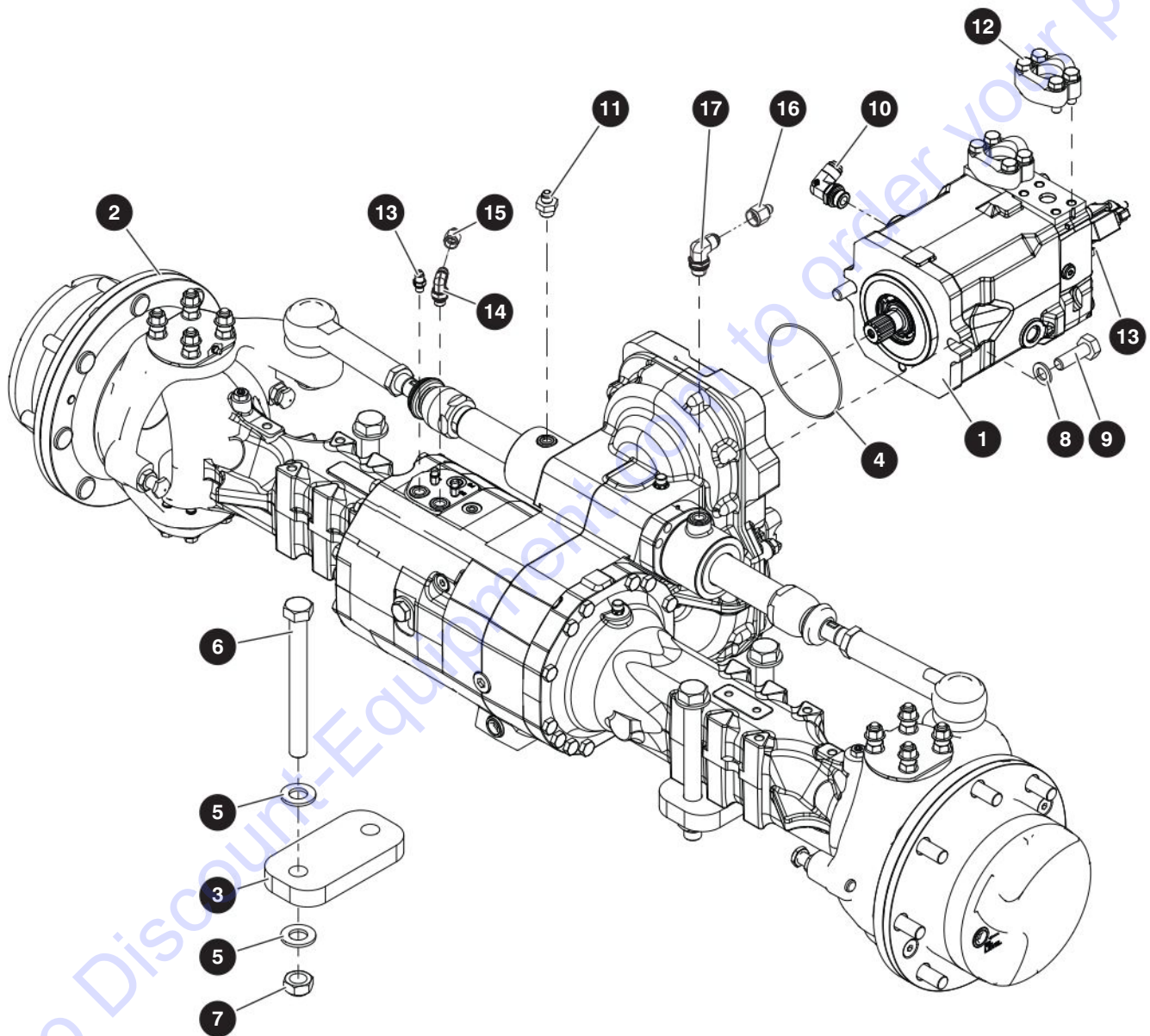
Section 2 – Axles

2.1 *Front Axle*

2.7 *Rear Axle*

2.15 *Tire and Wheel
Assembly*

2.1 Front Axle



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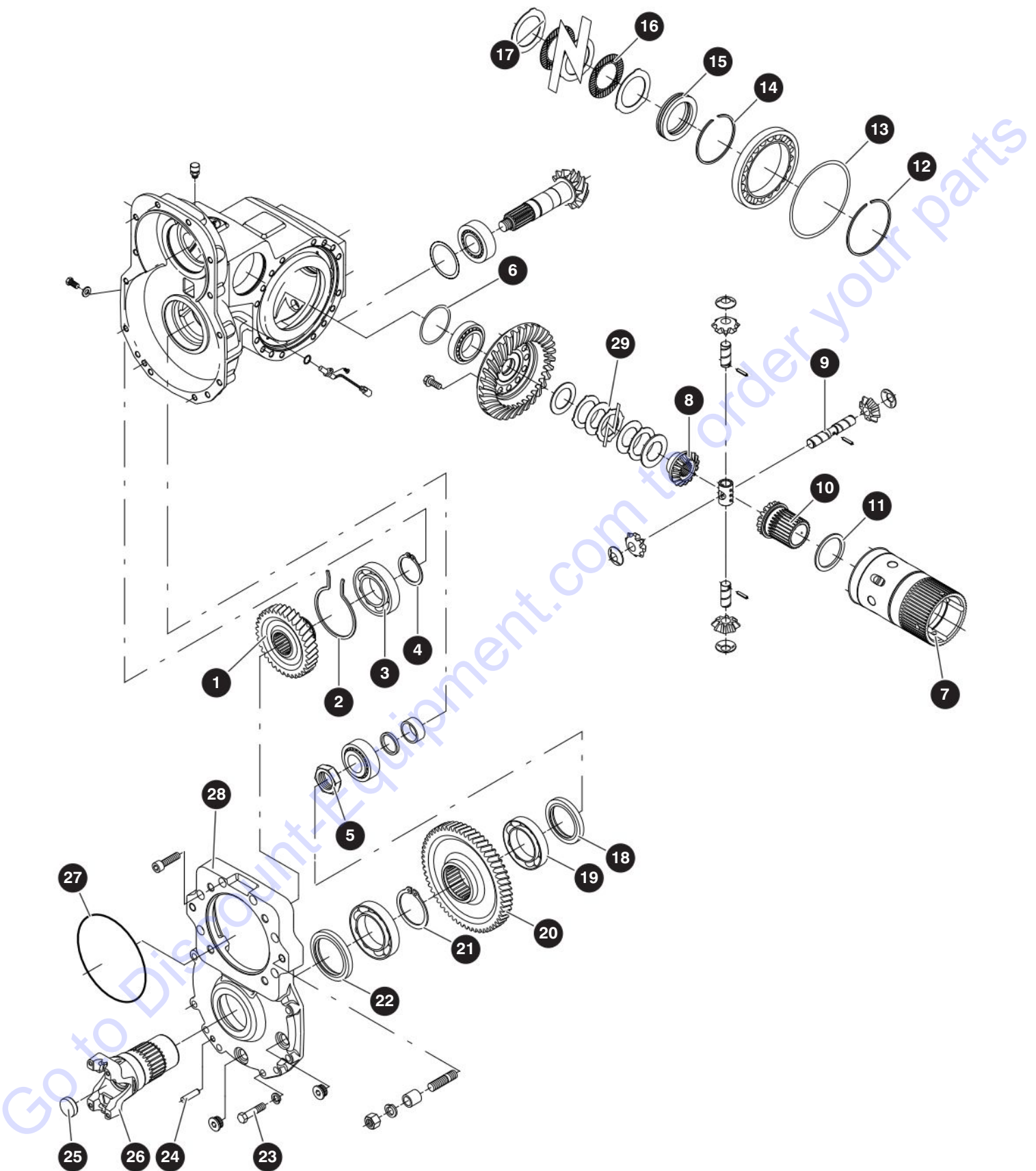
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2.1 Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	9-205739	-	FRONT AXLE
1	9-206918	1	• MOTOR, HYDRAULIC, 105 CC VARIABLE
-	9-224151	1	• • SEAL, SHAFT
-	9-224152	1	• • RING, SUPPORT
-	9-224153	1	• • RING, SNAP
-	9-224154	1	• • COIL
-	9-224155	1	• • VALVE, FLUSHING
-	9-224156	1	• • VALVE, SWITCH
-	9-224157	1	• • SEAL KIT
-	9-233004	1	• • O-Ring (<i>only for machines with serial number 87500251 to 87500277</i>)
2	9-205226	1	• AXLE, Front - dropbox SJ519
3	9-205680	2	• PLATE, Axle mount
4	9-206990	1	• O-RING, 70 Durometer nitrile
5	9-205682	8	• WASHER, Flat 7/8" hard
6	9-205683	4	• BOLT, Hex Head 7/8"-9 x 8-1/2" Gr. 8
7	9-147498	4	• NUT, Lock 7/8"-9 Gr C
8	9-144329	2	• WASHER, Flat hard zinc plated (M16)
9	9-221310	2	• BOLT, Hex Head M16 x 2 x 45 mm CL 8.8 zinc plated
10	9-206133	1	• FITTING, 90° (10 JICM - M22 ORBM)
11	9-224200	1	• FITTING, Straight (M18M - 06JICM)
12	9-206473	2	• FLANGE KIT, Split code 62 - 16 M12
13	9-149181	2	• FITTING, Straight (04JICM - M14x1-1/2")
14	9-149224	1	• FITTING, 90° (M14M-06JICM)
15	9-707041	1	• FITTING, Straight (06JICF - 04JICM)
16	9-110498	1	• FITTING, Straight (08JICF - 06JICM)
17	9-224296	1	• FITTING, 90° (M18M - 08JICM)

2.2 Front Axle - Differential



M205739 - Differential

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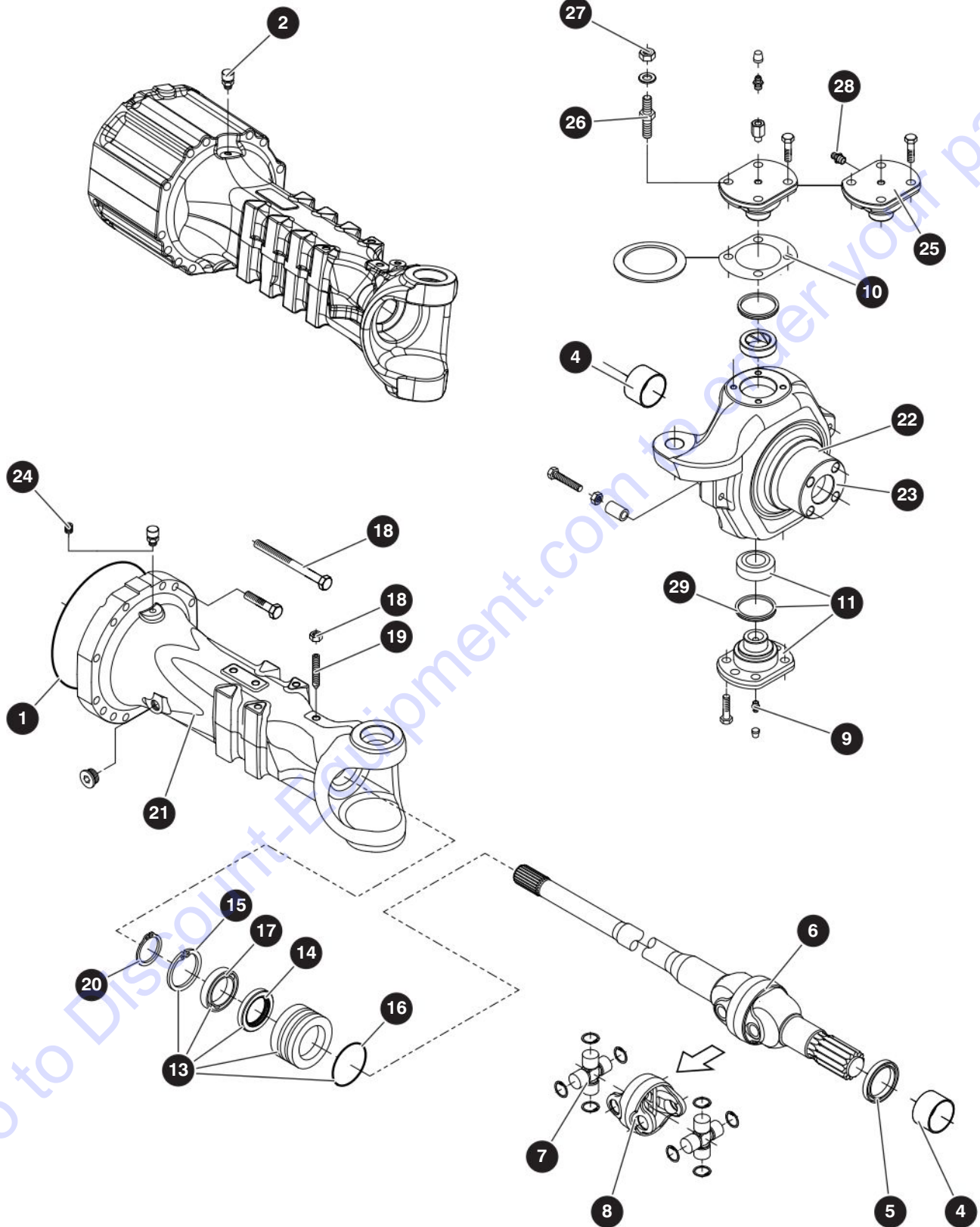
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2.2 Front Axle - Differential

Index No.	Skyjack Part No.	Qty.	Description
1	224416	1	GEAR
2	224417	1	CIRCLIP
3	224418	1	BALL BEARING
4	224419	1	CIRCLIP
5	224420	1	RING NUT
6	224421	1	KIT, SHIM
7	224422	1	CARRIER, DIFFERENTIAL
8	224423	1	GEAR, SIDE, DIFFERENTIAL
9	224424	1	PIN
10	224425	1	GEAR, SIDE, DIFFERENTIAL
11	224426	1	WASHER, FRICTION
12	224427	1	CIRCLIP
13	224428	1	KIT, SHIM
14	224429	1	CIRCLIP
15	224430	1	BEARING
16	224431	7	DISC, CLUTCH
17	224432	8	DISC, INTERMEDIATE CLUTCH
18	224433	1	SEAL
19	224434	1	BALL BEARING
20	224435	1	GEAR
21	224436	1	CIRCLIP
22	224437	1	SEAL
23	224438	8	BOLT
24	224439	1	DOWEL
25	224440	1	PLUG
26	224441	1	FLANGE
27	224442	1	O-RING
28	224443	1	COVER
29	224444	1	DISC, CLUTCH

2.3 Front Axle - Hub Reduction

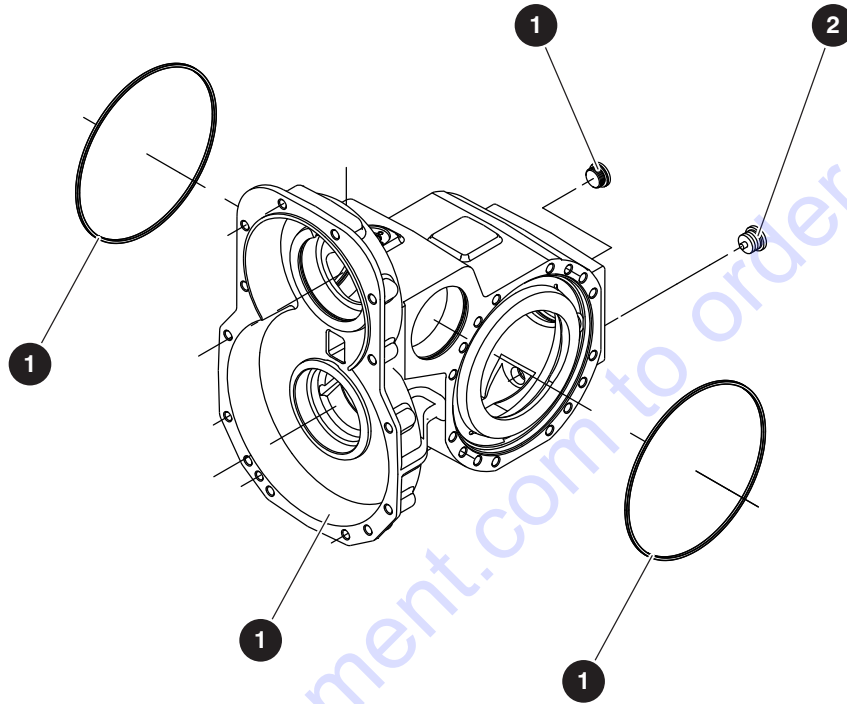


M205740 - Hub Reduction

2.3 Front Axle - Hub Reduction

Index No.	Skyjack Part No.	Qty.	Description
1	224356	2	O-RING
2	224357	1	PLUG
3	224358	28	BOLT
4	224359	2	BUSHING
5	224360	2	SEAL
6	224361	1	JOINT, UNIVERSAL
7	224388	2	• JOINT, CROSS
8	224389	1	• JOINT, CENTER SECTION
9	224362	2	FITTING, GREASE
10	224363	1	KIT, FITTING
11	224366	2	PIN, PIVOT
12	224365	2	• ARTICULATION
5		2	• SEAL
13	224368	2	BUSHING, REDUCTION
14	224374	2	• SEAL
15	224377	2	• CIRCLIP
16	224378	2	• O-RING
17	224375	2	• BEARING
18	224372	2	NUT
19	224373	2	BOLT
20	224379	2	CIRCLIP
21	224445	2	CASE, AXLE
22	224381	1	CASE, RIGHT STEERING
23	224383	1	CASE, LEFT STEERING
24	224382	1	PLUG
25	224384	2	PIN, PIVOT
26	224385	8	STUD
27	224386	8	NUT
28	224387	2	FITTING, GREASE
29	224446	2	SEAL
30	224449	14	BOLT, HEX

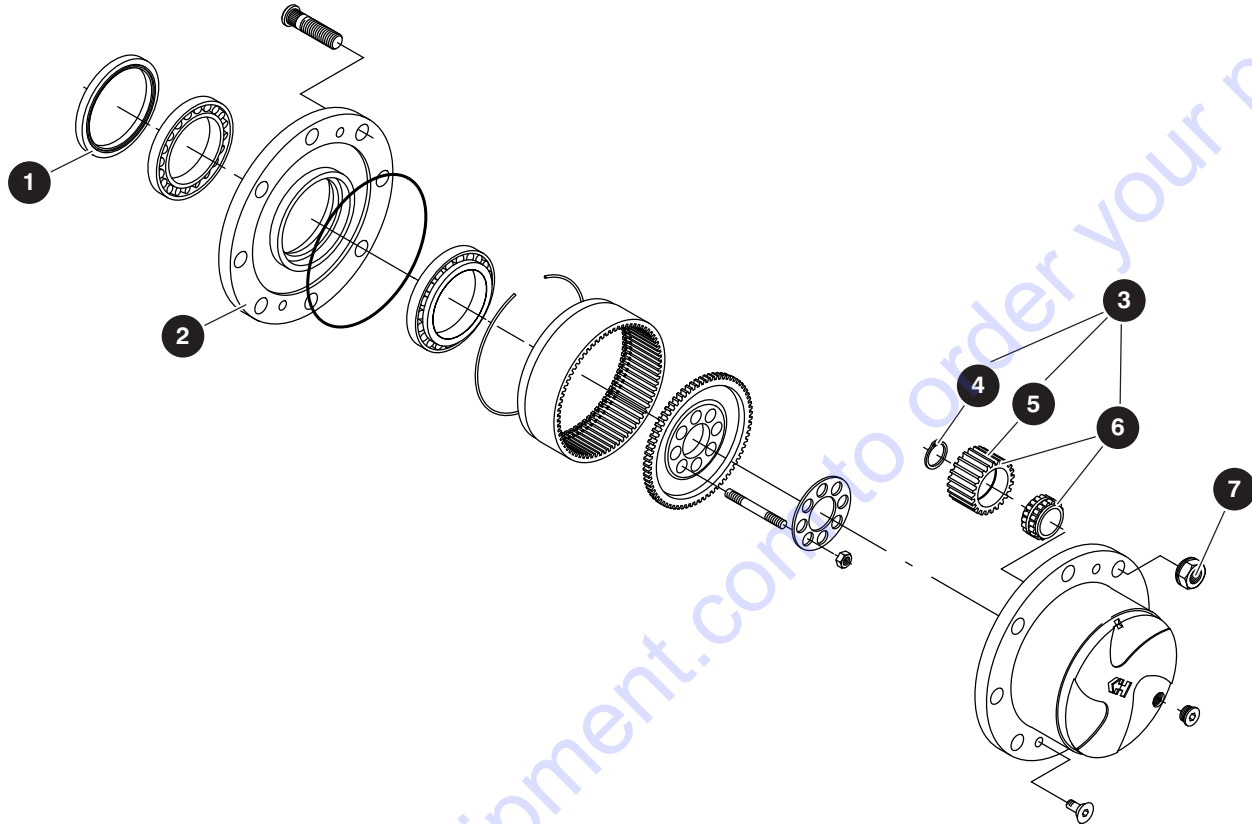
2.4 Front Axle - Central Housing



M205739 - Housing

Index No.	Skyjack Part No.	Qty.	Description
1	224410	1	HOUSING
2	224411	1	MAGNETIC PLUG
3	224412	1	PLUG

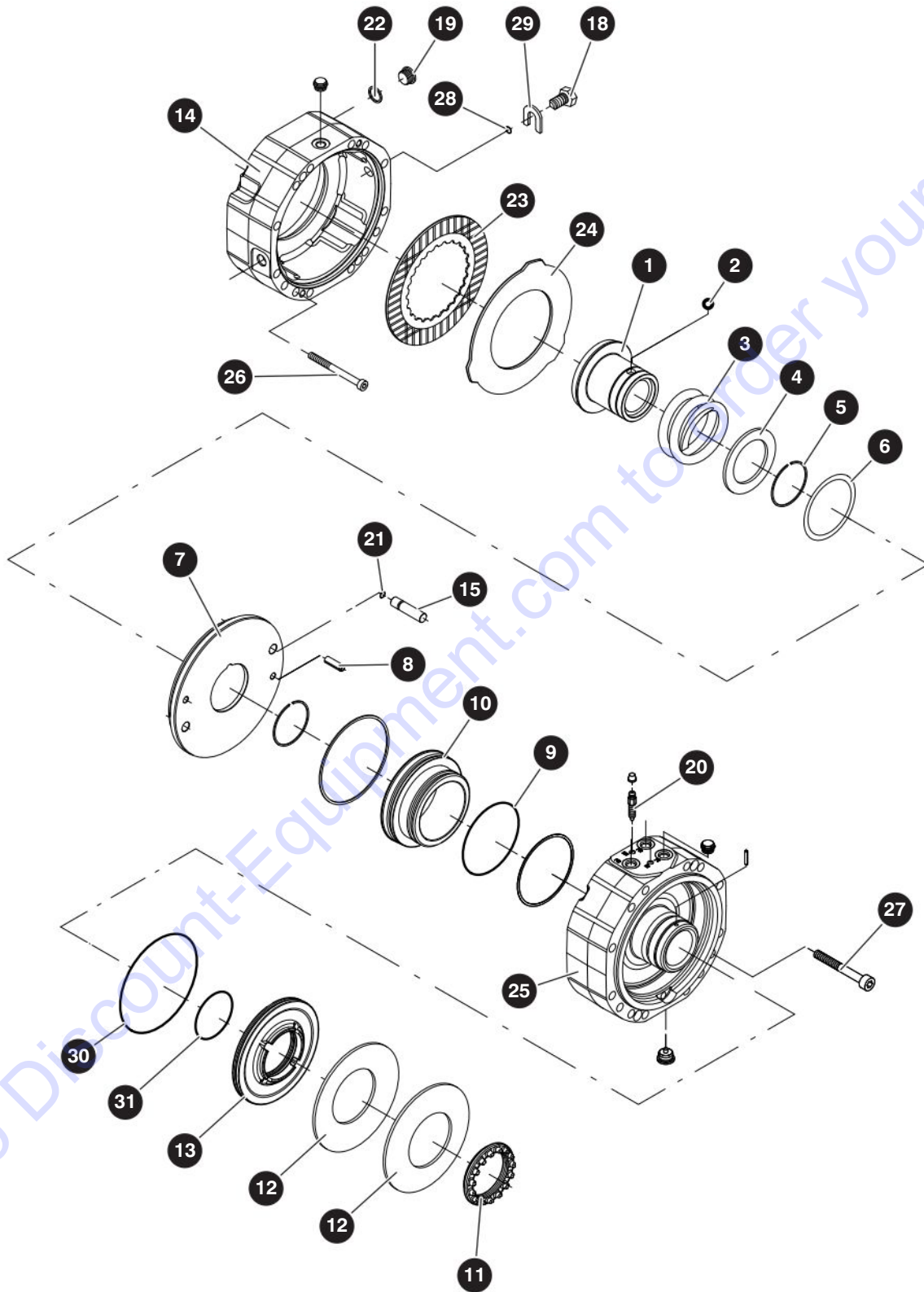
2.5 Front Axle - Hub Reduction



M224369AA

Index No.	Skyjack Part No.	Qty.	Description
1	224369	2	SEAL
2	224376	2	HUB, WHEEL
3	151767	2	CARRIER, PLANET GEAR
4	141028	3	• CIRCLIP
5	141032	1	• CARRIER, PLANET GEAR
6	216251	6	• KIT, PLANET GEAR
7	224448	16	NUT

2.6 Front Axle - Brakes



M205739 - Brakes

216941AC

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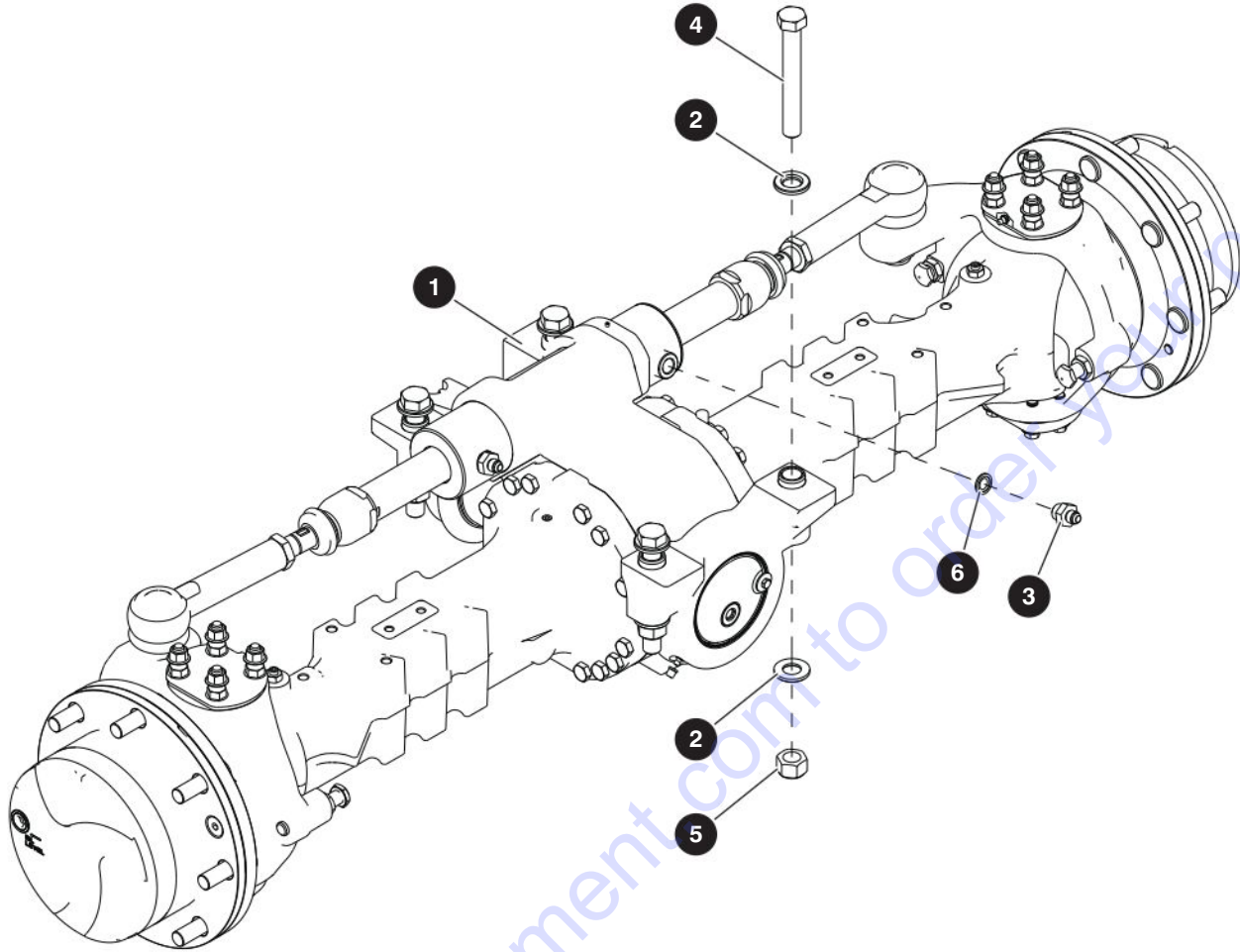
SJ519 TH

SKYJACK

2.6 Front Axle - Brakes

Index No.	Skyjack Part No.	Qty.	Description
1	224450	1	BUSHING
2	224451	2	DETEND BALL
3	224452	1	SPRING
4	224453	1	SPACER
5	224454	2	CIRCLIP
6	224455	1	KIT, SHIM
7	224456	1	DISC, INTERMEDIATE BRAKE
8	224457	2	ROLL PIN
9	224458	1	O-RING
10	224459	1	PISTON
11	224460	1	RING NUT
12	224461	2	SPRING
13	224462	1	PISTON
14	224463	1	HOUSING, AXLE STEERING
15	224464	3	PIN
18	224465	2	BOLT
19	224466	1	PLUG
20	224467	2	BOLT, BLEEDING
21	224468	3	O-RING
22	224469	1	WASHER
23	224470	6	DISC, BRAKE
24	224471	6	DISC, INTERMEDIATE BRAKE
25	224472	1	HOUSING, AXLE STEERING
26	224473	2	BOLT, CYLINDER
27	224474	2	BOLT, CYLINDER
28	224475	2	O-RING
29	224476	2	SPACER
30	224477	1	O-RING
31	224478	1	O-RING

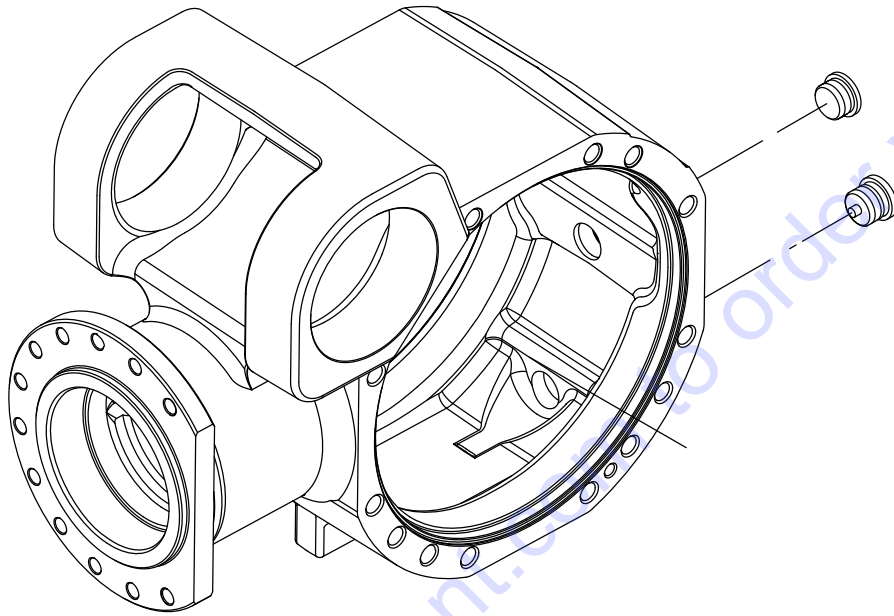
2.7 Rear Axle



M205740AC.ai

Index No.	Skyjack Part No.	Qty.	Description
-	9-205740	1	REAR AXLE
1	9-205227	1	• AXLE, Rear SJ519
2	9-933632	8	• WASHER, Structural M20 hard
3	9-224200	2	• FITTING, Straight (M18M-06JICM) - seal
4	9-933675	4	• BOLT, Hex Head M20 - 2-1/2" x 150 mm Gr. 10.9 zinc plated
5	9-138737	4	• NUT, Crownlock M20 - 2-1/2" Gr. 10.9 zinc plated

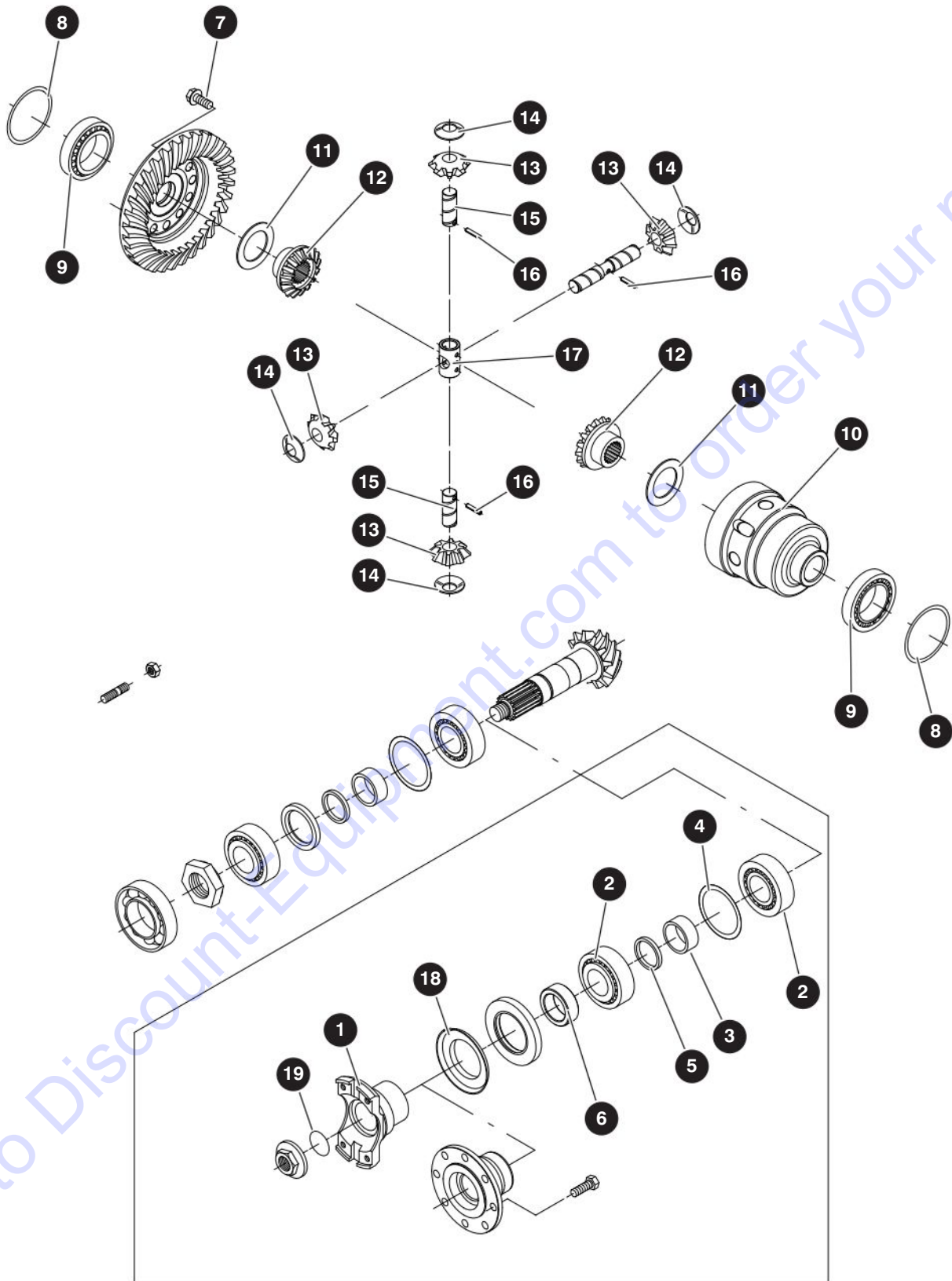
2.8 Rear Axle Housing



M224334AA

Index No.	Skyjack Part No.	Qty.	Description
-	224334	1	HOUSING

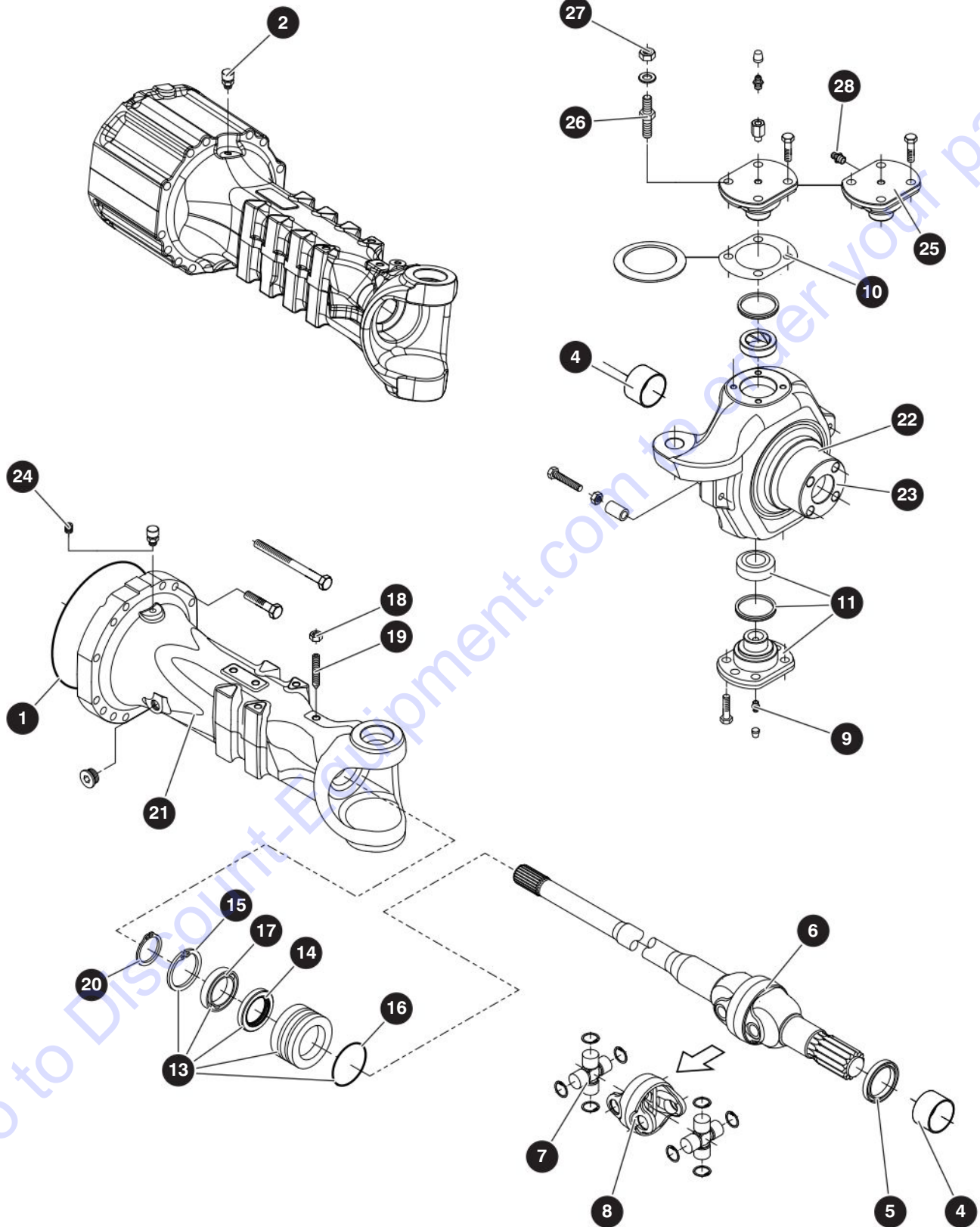
2.9 Rear Axle - Differential



2.9 Rear Axle - Differential

Index No.	Skyjack Part No.	Qty.	Description
1	224335	1	FLANGE
2	224336	2	BEARING
3	224337	1	SPACER
4	224338	1	KIT, SHIM
5	224339	1	KIT, SHIM
6	224340	1	SPACER
7	224341	12	BOLT
8	224342	1	KIT, SHIM
9	224343	2	BEARING, TAPER ROLLER
10	224344	1	CARRIER, DIFFERENTIAL
11	224345	2	WASHER, FRICTION
12	224346	2	SIDE GEAR, DIFFERENTIAL
13	224347	4	PINION, DIFFERENTIAL
14	224348	4	WASHER, FRICTION
15	224349	2	PIN
16	224350	3	DOWEL
17	224352	1	RETAINER, SHAFT
18	224353	1	PLATE, COVER
19	224354	1	O-RING
20	224355	1	KIT, DIFFERENTIAL

2.10 Rear Axle - Hub Reduction

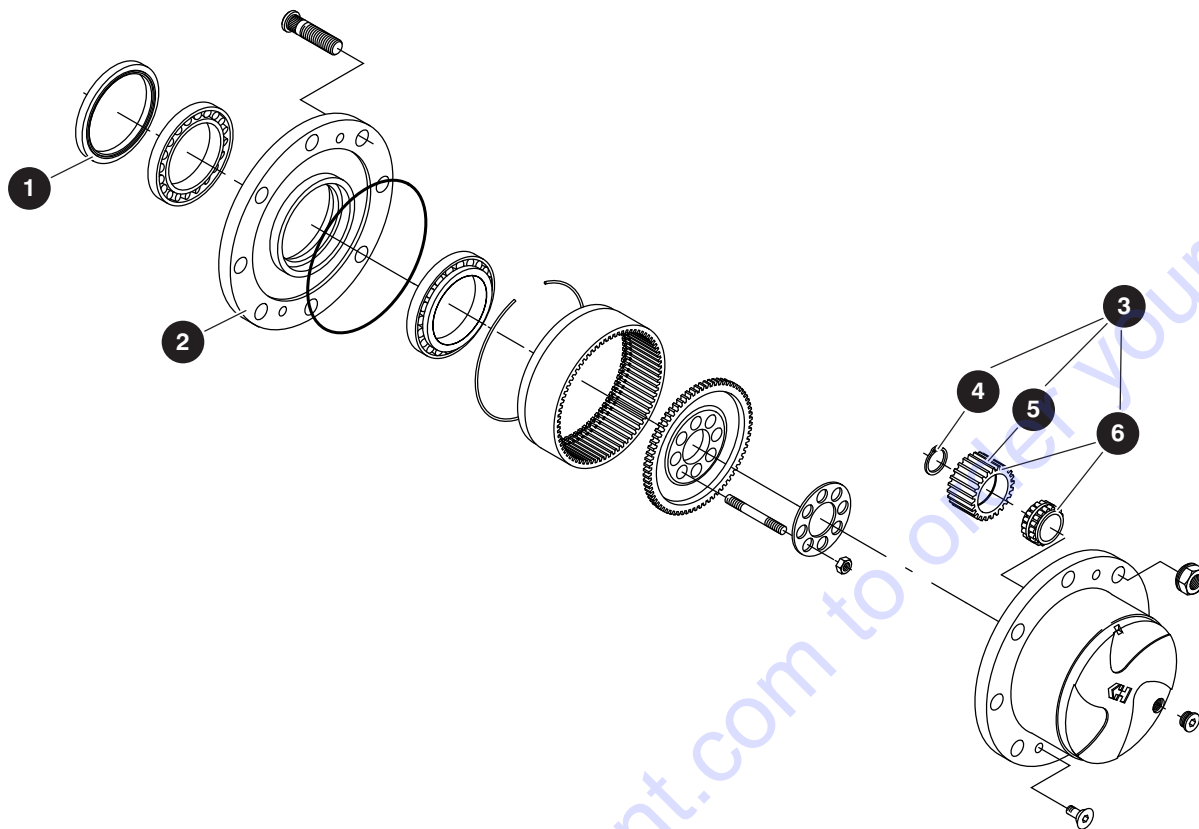


M205740 - Hub Reduction

2.10 Rear Axle - Hub Reduction

Index No.	Skyjack Part No.	Qty.	Description
1	224356	2	O-RING
2	224357	1	PLUG
3	224358	28	BOLT
4	224359	2	BUSHING
5	224360	2	SEAL
6	224361	1	JOINT, UNIVERSAL
7	224388	2	• JOINT, CROSS
8	224389	1	• JOINT, CENTER SECTION
9	224362	2	FITTING, GREASE
10	224363	1	KIT, FITTING
11	224366	2	PIN, PIVOT
12	224365	2	• ARTICULATION
5		2	• SEAL
13	224368	2	BUSHING, REDUCTION
14	224374	2	• SEAL
15	224377	2	• CIRCLIP
16	224378	2	• O-RING
17	224375	2	• BEARING
18	224372	2	NUT
19	224373	2	BOLT
20	224379	2	CIRCLIP
21	224380	2	CASE, AXLE
22	224381	1	CASE, RIGHT STEERING
23	224383	1	CASE, LEFT STEERING
24	224382	1	PLUG
25	224384	2	PIN, PIVOT
26	224385	8	STUD
27	224386	8	NUT
28	224387	2	FITTING, GREASE

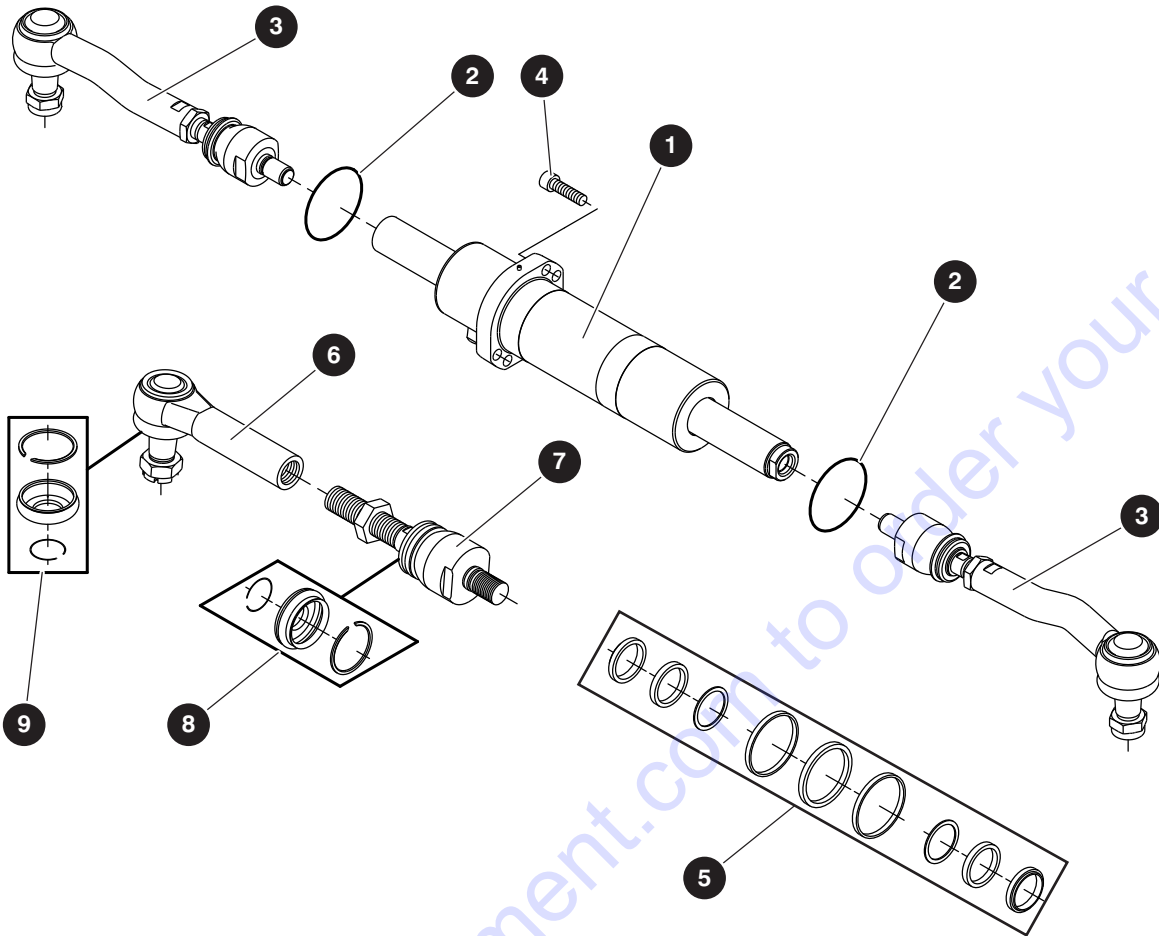
2.11 Rear Axle - Hub Reduction



M224369AA

Index No.	Skyjack Part No.	Qty.	Description
1	224369	2	SEAL
2	224376	2	HUB, WHEEL
3	151767	2	CARRIER, PLANET GEAR
4	141028	3	• CIRCLIP
5	141032	1	• CARRIER, PLANET GEAR
6	216251	6	• KIT, PLANET GEAR

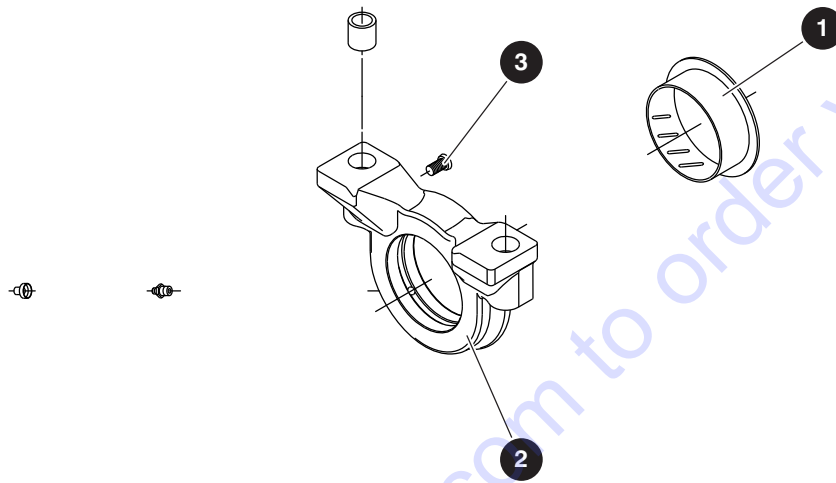
2.12 Rear Axle - Steering



M205740 - Steering

Index No.	Skyjack Part No.	Qty.	Description
1	224390	1	CYLINDER
2	224391	2	RING
3	224392	2	BAR
4	224393	4	BOLT
5	224394	1	KIT, SEAL
6	224395	1	JOINT, 90 DEGREE
7	224396	1	JOINT, AXIAL
8	224397	1	KIT, RUBBER BOOT & LOCKING RING
9	224398	1	KIT, RUBBER BOOT & LOCKING RING

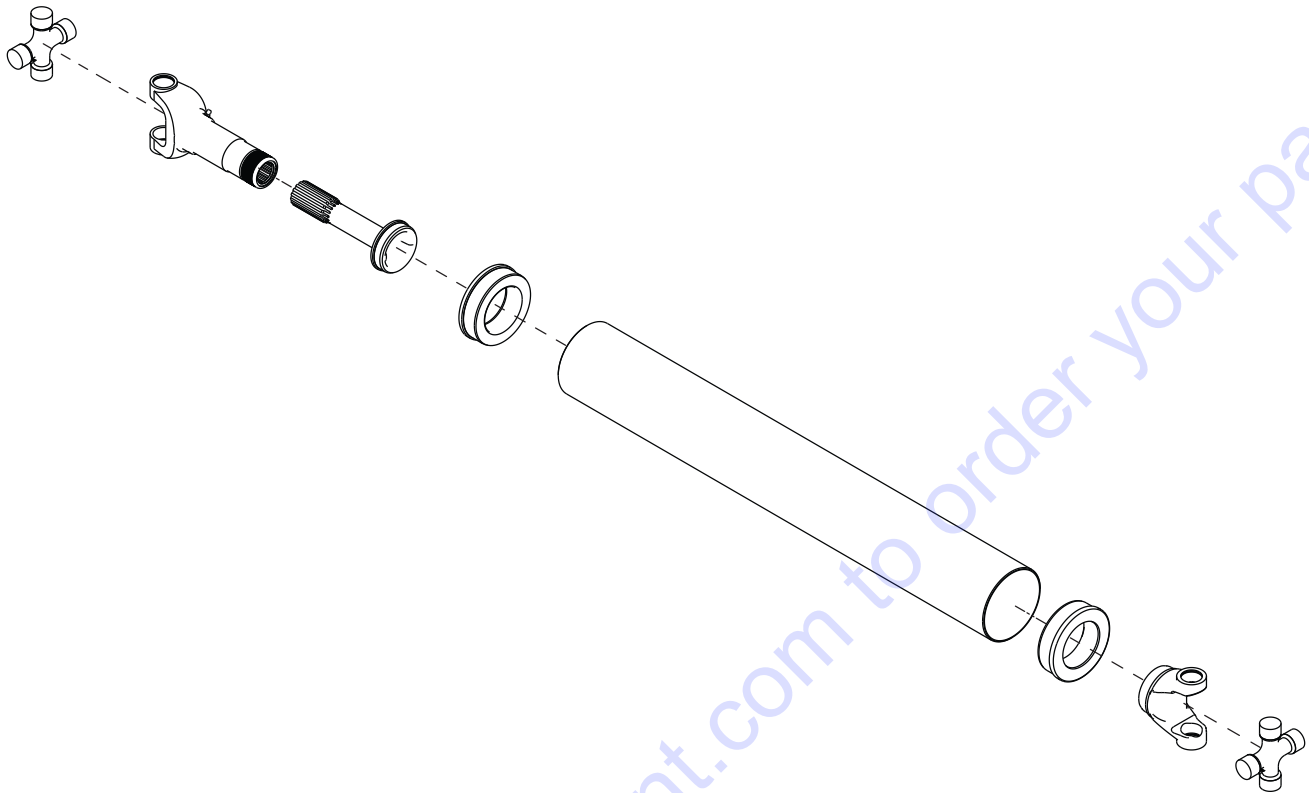
2.13 Rear Axle - Trunion



M205740 - Trunion

Index No.	Skyjack Part No.	Qty.	Description
1	224413	2	BUSHING, THRUST
2	224414	2	SUPPORT
3	224415	2	BOLT

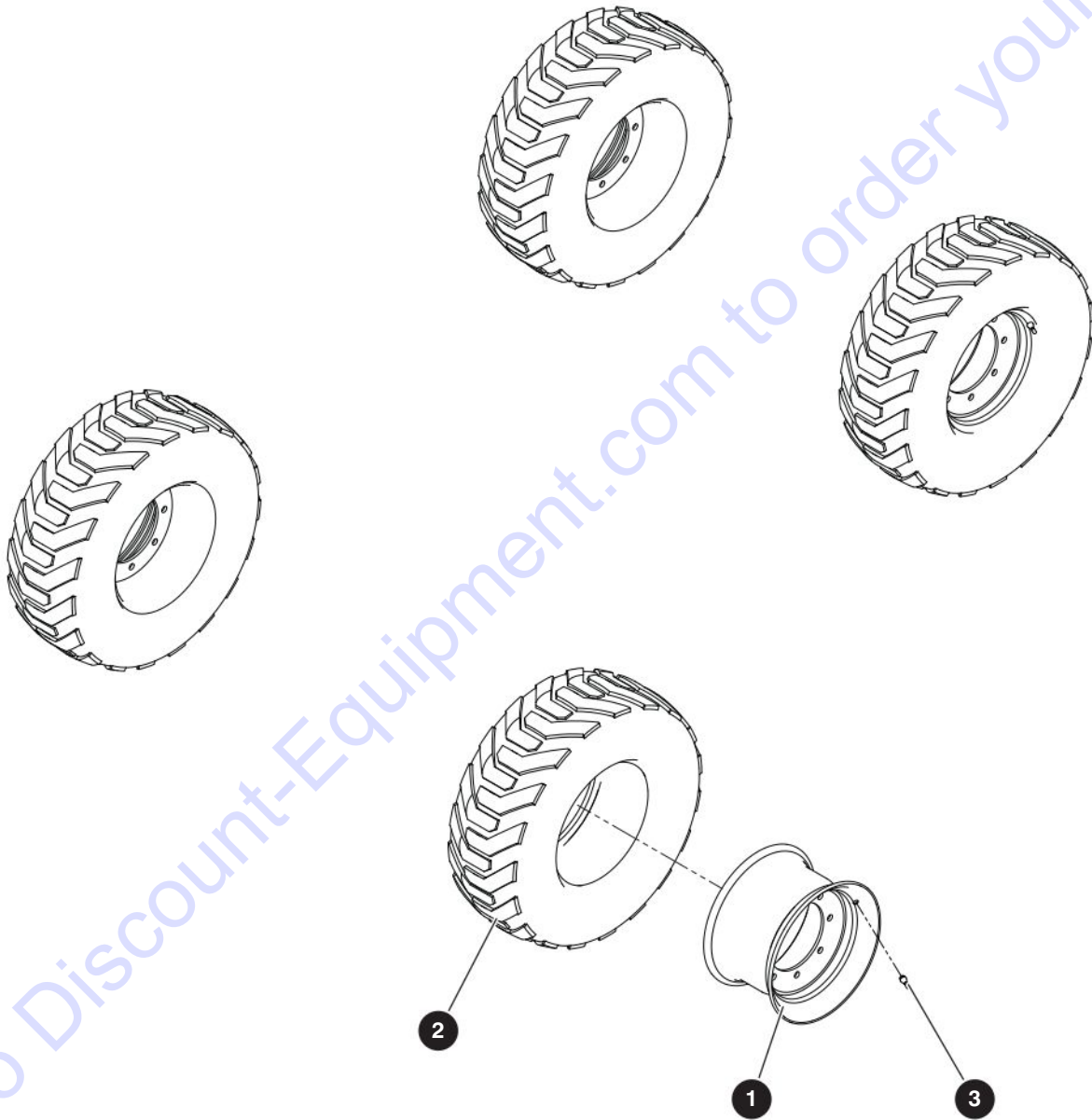
2.14 Drive Shaft



M205464AC

Index No.	Skyjack Part No.	Qty.	Description
-	9-205464	1	DRIVE SHAFT

2.15 Tire and Wheel Assembly



M206236AA

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2.15 Tire and Wheel Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	9-206237	1	WHEEL, 12 x 16.5 - 12 ply Air filled
	9-205490	1	• WHEEL, Right side 12 x 16.5 - 12 ply Air filled
	9-205489	1	• WHEEL, Left side 12 x 16.5 - 12 ply Air filled
B	9-206238	1	WHEEL, 12 x 16.5 - 12 ply Foam filled
	9-205491	1	• WHEEL, Right side 12 x 16.5 - 12 ply Foam filled
	9-205492	1	• WHEEL, Left side 12 x 16.5 - 12 ply Foam filled
C	9-206242	1	WHEEL, 12 x 16.5 - 12 ply Air filled
	9-205493	1	• WHEEL, Right side 12 x 16.5 - 12 ply non-marking Air filled
	9-205494	1	• WHEEL, Left side 12 x 16.5 - 12 ply non-marking Air filled
D	9-206245	1	WHEEL, 12 x 16.5 - 12 ply Foam filled
	9-205495	1	• WHEEL, Right side 12 x 16.5 - 12 ply non-marking Foam filled
	9-205496	1	• WHEEL, Left side 12 x 16.5 - 12 ply non-marking Foam filled
E	9-206249	1	WHEEL, 12 x 16.5 - 12 ply Wearmaster Air filled
	9-205497	1	• WHEEL, 12 x 16.5 - 12 ply Wearmaster Air filled
F	9-206247	1	WHEEL, 12 x 16.5 - 12 ply Wearmaster Foam filled
	9-206701	1	• WHEEL, 12 x 16.5 - 12 ply Wearmaster Foam filled
G	9-206257	1	WHEEL, Solidboss 33 x 12 -20
	9-206479	1	• WHEEL, Right side Solidboss 33 x 12 -20
	9-206481	1	• WHEEL, Left side Solidboss 33 x 12 -20
H	9-206296	1	WHEEL, Solidboss 33 x 12 -20 non-marking
	9-206292	1	• WHEEL, Right side Solidboss 33 x 12 -20 non-marking
	9-206293	1	• WHEEL, Left side Solidboss 33 x 12 -20 non-marking
1	9-205490	1	WHEEL, 12 x 16.5 - 12 ply, air filled - A
-	9-224489	1	WHEEL, 9.75 x 16.5 - 0.826 offset - B, C, D, E, F
-	9-206476	1	WHEEL, Solidboss 8 x 20 - G, H
2	9-205530	1	TIRE, 12 x 16.5 - 12 ply, black - A, B
-	9-205675	1	TIRE, 12 x 16.5 - 12 ply, non-marking - C, D
-	9-205676	1	TIRE, 12 x 16.5 - 12 ply, wearmaster - E, F
-	9-206478	1	TIRE, Solidboss 33 x 12 Right Side - G
-	9-206480	1	TIRE, Solidboss 33 x 12 Left Side - G
-	9-206294	1	TIRE, Solidboss 33 x 12 Right Side non-marking - H
-	9-206295	1	TIRE, Solidboss 33 x 12 Left Side non-marking - H
3	9-143996	1	VALVE STEM, Carlisle TR-501 - A, B, C, D, E, F

Section 3 – Engine

3.1 *Engine Tray*

3.2 *Engine Assembly*

3.3 *Cooler*

3.4 *Cooler Hoses*

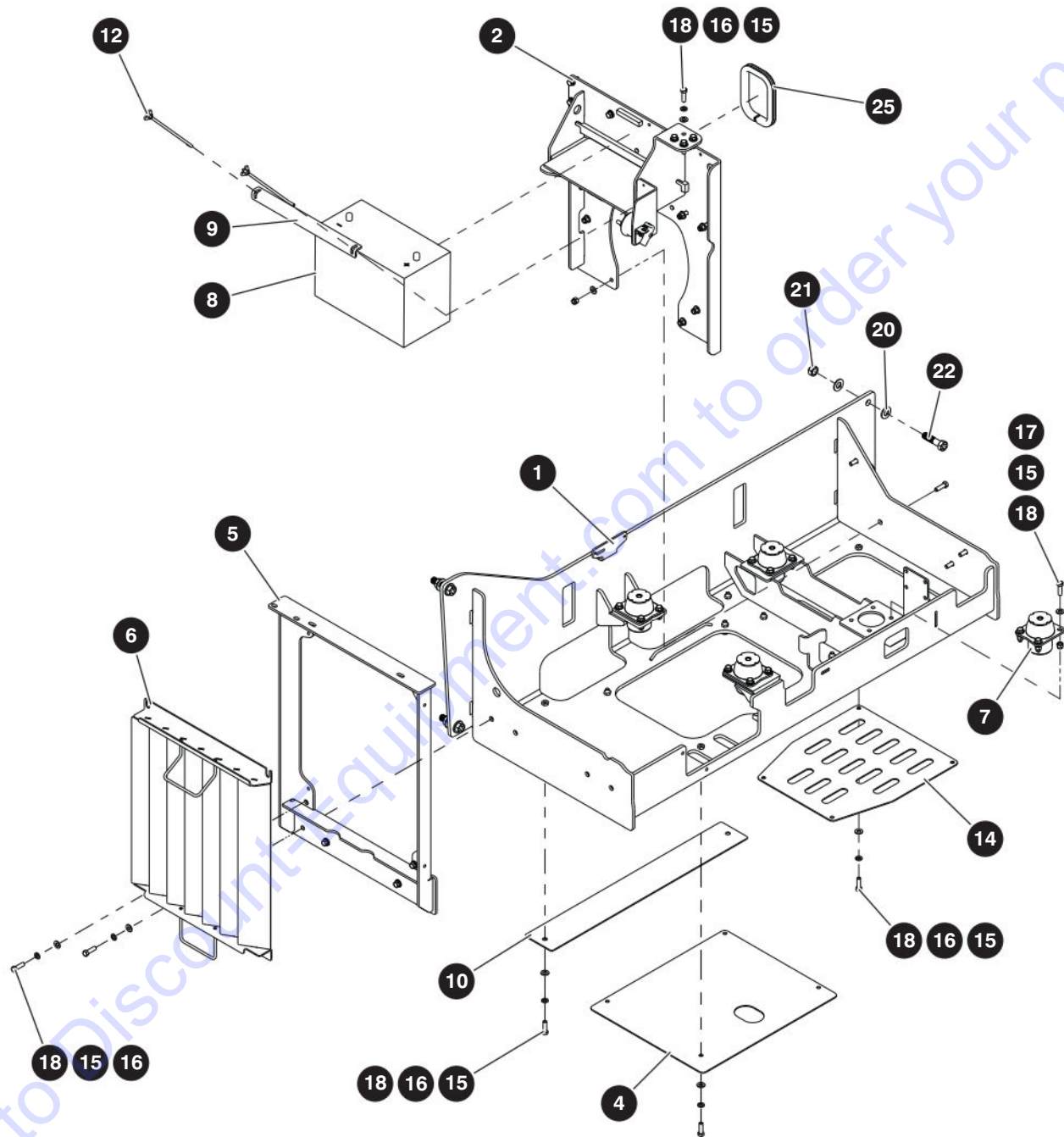
3.5 *Air Intake*

3.6 *Hydraulic Pump
(Piston Drive)*

3.7 *Hydraulic Pump
(Variable Displacement)*

3.8 *Fuel Lines*

3.1 Engine Tray



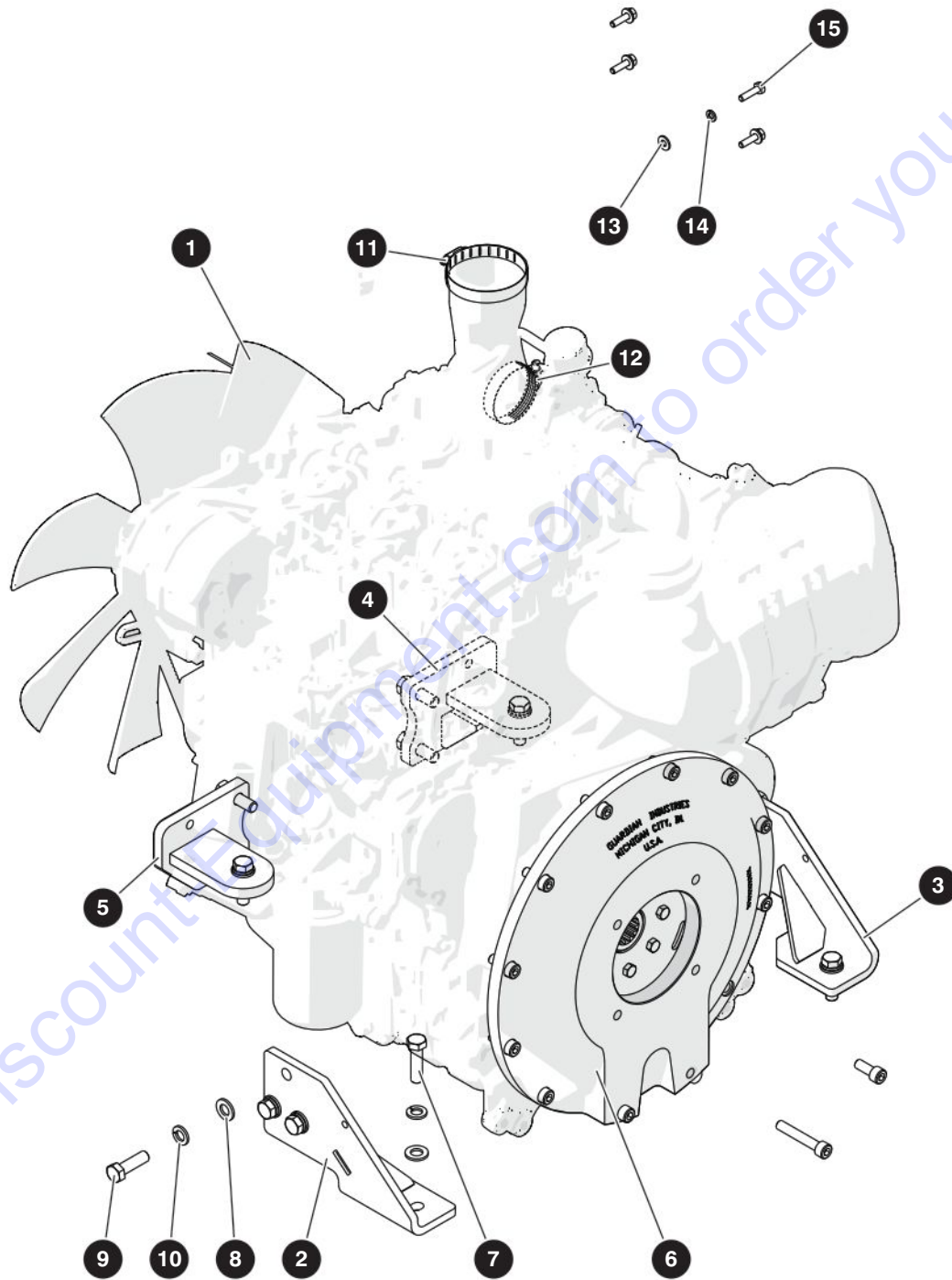
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3.1 Engine Tray

Index No.	Skyjack Part No.	Qty.	Description
-	9-206574	1	ENGINE TRAY
1	9-206576	1	• ENGINE TRAY
2	9-206833	1	• MOUNT, Battery
3	9-119725	1	• SWITCH, Master disconnect 6-36 V DC
4	9-206583	1	• PLATE, Oil pan access
5	9-206560	1	• SUPPORT, RADIATOR
6	9-205994	1	• GUARD, Radiator
7	9-205697	4	• MOUNT, Engine isolator (hydraulic)
8	9-144676	1	• BATTERY, 950 CCA 195 RC 12V post
9	9-150959	1	• BRACKET, Battery retainer
10	9-206584	1	• PLATE, Hose access
11	9-108714	1	• KIT, Locking lever
12	9-128572	1	• BOLT, J Style battery hold down
13	9-157464	1	• PAD, Battery (950)
14	9-206585	1	• PLATE, Hose access
15	9-125959	53	• WASHER, Flat 3/8" hard
16	9-103999	29	• WASHER, Lock 3/8"
17	9-104606	18	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
18	9-101297	38	• BOLT, Hex head zinc plated (3/8"-16 x 1-1/4" Gr. 5)
19	9-103870	2	• BOLT, Hex Head 3/8"-16 x 1-1/2" Gr. 5
20	9-700782	8	• WASHER, Flat 5/8" hard high zinc plated
21	9-103830	4	• NUT, Torque lock 5/8-11 Grade C
22	9-411921	4	• BOLT, Hex cap 5/8"-11 x 2-1/2 Gr. 8 Zinc
23	9-157756	2	• RIVET, 3/16" x 7/16"
24	9-103473	7	• BOLT, Hex head zinc (3/8"-16 x 1" Gr. 5)
25	9-119922	15.5"	• PROTECTIVE TRIM 1/4" - 1/2"
26	9-148368	22.5"	• FOAM SEAL - #1441 (2" x 2")

3.2 Engine Assembly



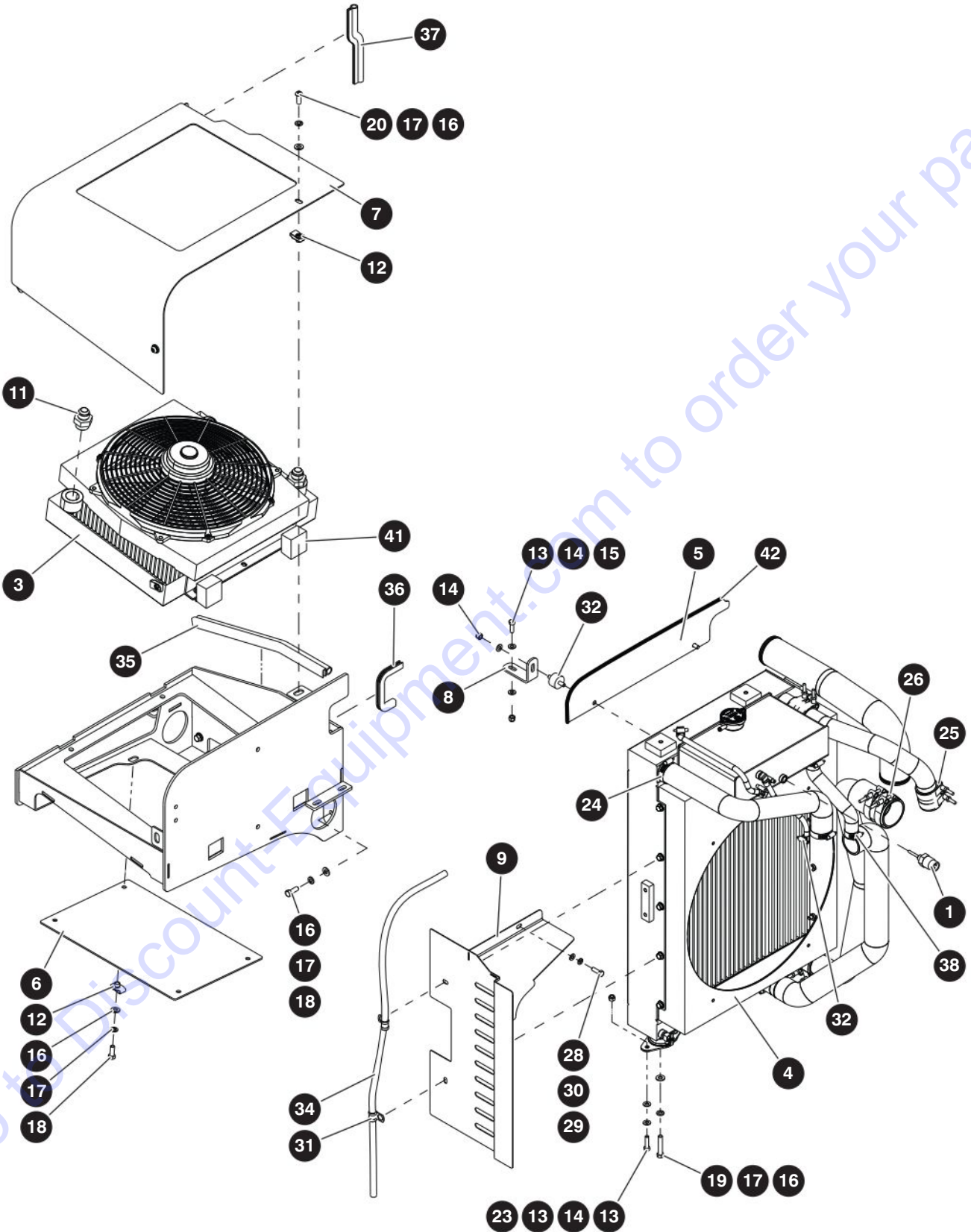
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3.2 Engine Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-206586	1	ENGINE 2.2 TCD
1	9-224490	1	• ENGINE, TCD 2.2L3 - DEUTZ
-	9-224303	1	• • CONTROL UNIT
-	9-224304	1	• • FAN
-	9-224305	1	• • CATALYST, INLET
-	9-224306	1	• • OIL PAN
-	9-224307	1	• • STARTER
-	9-232449	1	• • DIPSTICK
-	9-224309	1	• • FILTER, OIL
-	9-224310	1	• • ALTERNATOR
-	9-224312	1	• • RELAY
-	9-224313	1	• • V-GROOVED PULLEY
-	9-224314	1	• • FUEL SUPPLY PUMP
-	9-224315	1	• • PRESSURE SENSOR
-	9-224316	1	• • COOLANT PUMP
-	9-224317	1	• • TACHO-GENERATOR
-	9-224318	1	• • TRANSMITTER, Temperature
-	9-224319	1	• • CATALYST, Returns elevator
-	9-224320	1	• • FILTER, FUEL
-	9-224321	1	• • PRESSURE, SENSOR
-	9-224322	1	• • FILTER, SPIN-ON FUEL
-	9-224323	1	• • PRE-FILTER
-	9-224324	1	• • CARTRIDGE, FILTER
-	9-224330	1	• • CABLE, SENSOR
-	9-224331	1	• • PLUG, VENT
-	9-235907	1	• • FLYWHEEL
2	9-206589	1	• MOUNT, ENGINE - Left hand rear
3	9-206590	1	• MOUNT, ENGINE - Right hand rear
4	9-206528	1	• MOUNT, ENGINE - Right hand forward
5	9-206529	1	• MOUNT, ENGINE - Left hand forward
6	9-205280	1	• COUPLING, Engine pump SJ519 TH, TD2.2L3
-	235909	1	• • FLEX PLATE
7	9-217422	10	• BOLT, Hex head M12 x 1-3/4" x 40 CL 8.8
8	9-933817	14	• WASHER, Flat M12 CL 200 Y
9	9-217267	4	• BOLT, Hex head M12 x 1-3/4" x 45 CL 10.9
10	9-116995	14	• WASHER, Lock M12 Plated din 127B
11	9-198177	1	• CLAMP, Perforated hose #52, 2-13/16" - 3-3/4"
12	9-121869	1	• CLAMP, Hose (2-1/2")
13	9-103995	4	• WASHER, Flat 1/4"
14	9-104000	4	• WASHER, Lock 1/4"
15	9-103857	4	• BOLT, Hex head zinc plated (1/4"-20 x 1" Gr. 5)
16	9-224205	16.5"	• FOAM, PSA 0.30" Thick x 1/2" wide (not shown)
17	9-224183	1	• ELBOW, 90° 2 x M16 x 1-1/2" brass (not shown)

3.3 Cooler



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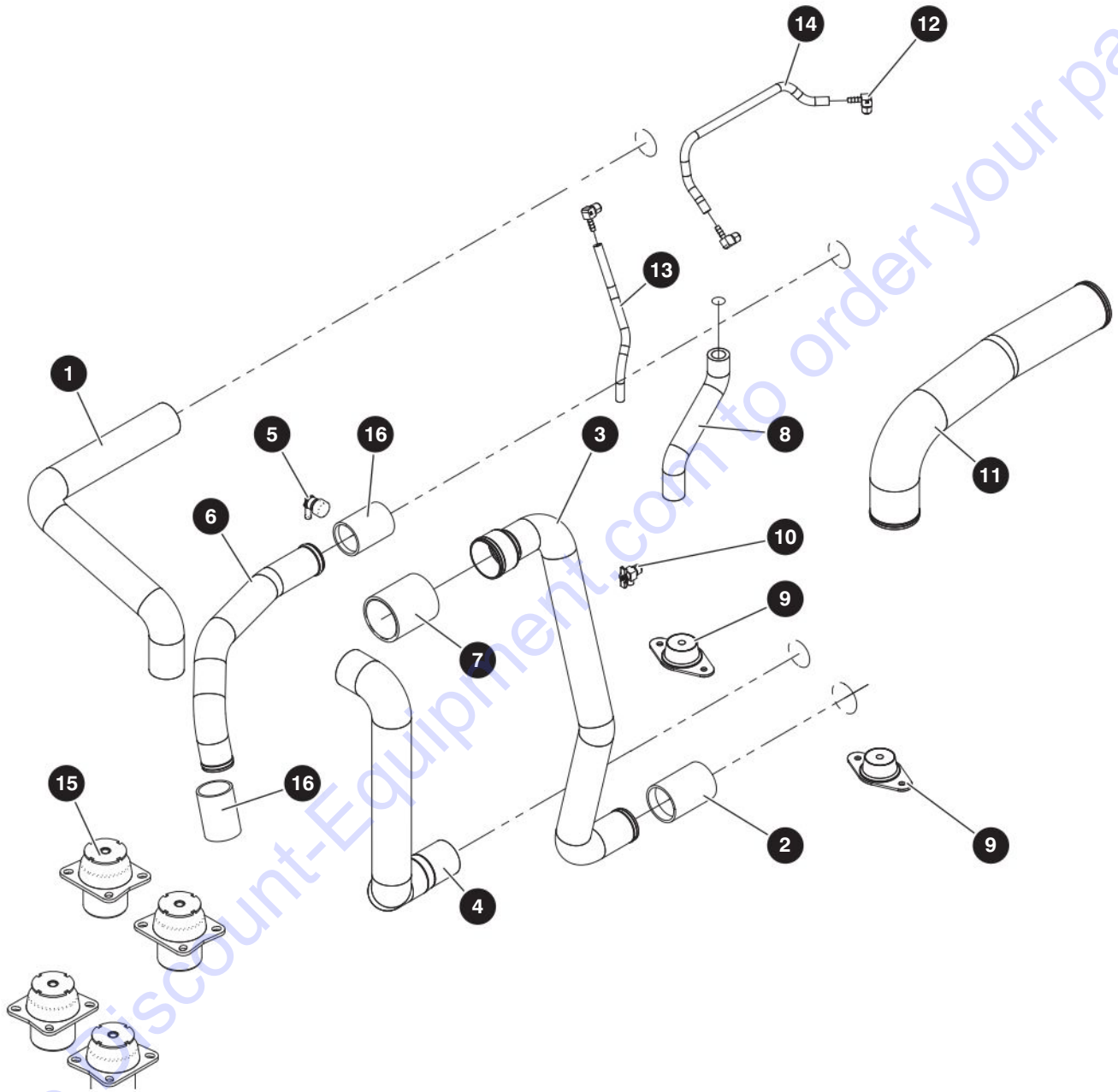
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3.3 Cooler

Index No.	Skyjack Part No.	Qty.	Description
-	9-206587	1	COOLER ASSEMBLY
1	9-165058	1	• SENSOR, Coolant level
2	9-206768	1	• MOUNT, Oil cooler
3	9-206555	1	• COOLER, Oil - 12V 3.0L with switch
4	9-206601	1	• COOLER, DEUTZ TCD 2.2
-	9-206955	1	• • COOLER
-	-	1	• • HOSE KIT, Engine cooler
			<i>(For components, refer to Section 3.4 - Cooler Hoses)</i>
5	9-206784	1	• PLATE, Cooler baffle
6	9-206782	1	• PLATE, Cooler shield
7	9-206774	1	• COVER, Oil cooler
8	9-206785	2	• PLATE, Rad support
9	9-206797	1	• GUARD, TCD 2.2
10	9-161445	2	• ISOLATOR, Vibration
11	9-702122	2	• FITTING, 16 ORBM to 12 JICM
12	9-159294	6	• NUT, Speed clip 3/8"-16
13	9-103996	14	• WASHER, Flat 5/16"
14	9-103984	8	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
15	9-158319	2	• BOLT, Hex Head 5/16"-18 x 1" Gr. 8
16	9-125959	24	• WASHER, Flat 3/8" hard
17	9-103999	16	• WASHER, Lock 3/8"
18	9-103473	10	• BOLT, Hex head, zinc plated, 3/8"-16 x 1" Gr. 5
19	9-103596	2	• BOLT, Hex head zinc plated, 3/8"-16 x 2" Gr. 5
20	9-103949	2	• BOLT, Button Head Cap, 3/8"-16 x 1"
21	9-104606	2	• NUT, Lock with nylon insert, 3/8"-16 Gr. 5
22	9-101297	4	• BOLT, Hex head zinc plated, 3/8"-16 x 1-1/4" Gr. 5
23	9-112532	4	• BOLT, Hex Head 5/16"-18 X 1-1/4" Gr. 5
24	9-133222	4	• CLAMP, Hose (2")
25	9-190696	4	• CLAMP, T-Bolt (1-7/8" - 2-1/8")
26	9-164171	2	• CLAMP, T-Bolt (2-1/2" - 2-7/8")
27	9-230322	2	• CLAMP, T-Bolt 2-1/16" DIA - 2-3/8" DIA
28	9-933655	1	• BOLT, Hex head cap M8 - 1.25 x 25 mm CL 8.8 YE
29	9-933832	1	• WASHER, Flat M8 - OD 16.0
30	9-116218	1	• WASHER, Lock M8 Plated DIN 127B
31	9-152402	2	• CLAMP, Tube 3/4"
32	9-116342	4	• CLAMP, Hose (1/2")
33	9-148368	29	• FOAM SEAL, #1441 (2" x 2")
34	9-102984	42"	• FUEL LINE, 5/16" #47PB-B194
35	9-205707	17.25	• SEAL, 90° 3/4" Bulb - 1/4" grip
36	9-117398	6.5	• PROTECTIVE TRIM
37	9-149357	9	• SEAL, Bulb (0.090"-1/8" grip)
38	9-142415	2	• CLAMP, Hose (1-1/4")
39	9-103978	4	• NUT, Hex 3/8"-16 Gr. 5
40	9-148368	1.25	• FOAM SEAL - #141 (2" x 2")
41	9-148368	1.25	• FOAM SEAL - #141 (2" x 2")
42	9-149357	22"	• SEAL, Bulb (0.090-12 grip)

3.4 Cooler Hoses



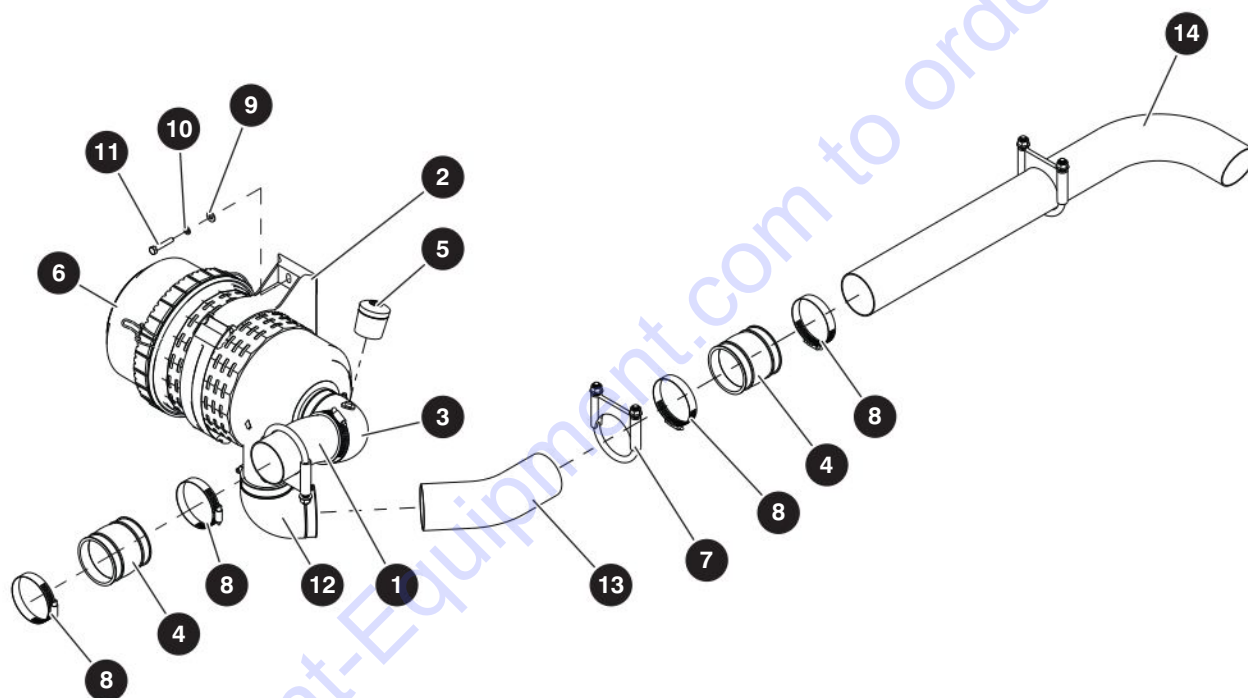
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3.4 Cooler Hoses

Index No.	Skyjack Part No.	Qty.	Description
-	9-224001	1	COOLER HOSES AND ENGINE ACCESSORIES
1	9-206958	1	• HOSE, Upper coolant, TCD 2.2
2	9-206965	1	• SLEEVE, Rubber
3	9-206957	1	• PIPING, Steel, charge air, lower, TCD2.2
4	9-206959	1	• HOSE, Coolant, lower, TCD 2.2
5	9-206493	1	• CONNECTOR, Fuel - 10 mm 90°
6	9-206956	1	• PIPING, Steel, charge air, upper TCD 2.2
7	9-206964	1	• HOSE, CAC Straight 2-1/2"
8	9-206960	1	• HOSE, Compensation, TCD 2.2
9	9-206962	2	• ISOLATOR, Cooler TC 51700-3
10	9-206967	1	• PETCOCK, 1/4 NPT, 5755 DC607-4
11	9-206961	1	• PIPING, Steel, intake air
12	9-206966	3	• HOSE BARB, 90° 1/4" NPT x 1/4" HOSE, 02 mm ID
13	9-206968	1	• HOSE, 1/4" ID. (1 ft)
14	9-206969	1	• HOSE, 1/4" ID. (1-1/2 ft)
15	9-205697	4	• MOUNT, Engine isolator, hydraulic
16	9-190426	2	COUPLING, CAC, 44.45 ID x 70

3.5 Air Intake



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3.5 Air Intake

Index No.	Skyjack Part No.	Qty.	Description
-	9-206602	1	AIR INTAKE
1	9-206975	1	• TUBE, Air intake to rad
2	9-163245	1	• BRACKET, Air cleaner E300
3	9-163249	1	• CONNECTOR, 90° For service indicator E300
4	9-205694	2	• CONNECTOR, Straight - 70 mm ID
5	9-190384	1	• SERVICE INDICATOR
6	9-163243	1	• AIR CLEANER, E300
7	9-205695	3	• CLAMP, Exhaust - 2-3/4"
8	9-163193	8	• CLAMP, Hose (3")
9	9-103995	2	• WASHER, Flat 1/4"
10	9-104000	2	• WASHER, Lock 1/4"
11	9-103859	2	• BOLT, Hex head zinc plated (1/4"-20 x 1-1/2" Gr. 5)
12	9-163248	1	• CONNECTOR, 90°, E300
13	9-206974	1	• TUBE, Air inlet
14	9-206976	1	• TUBE, Air intake

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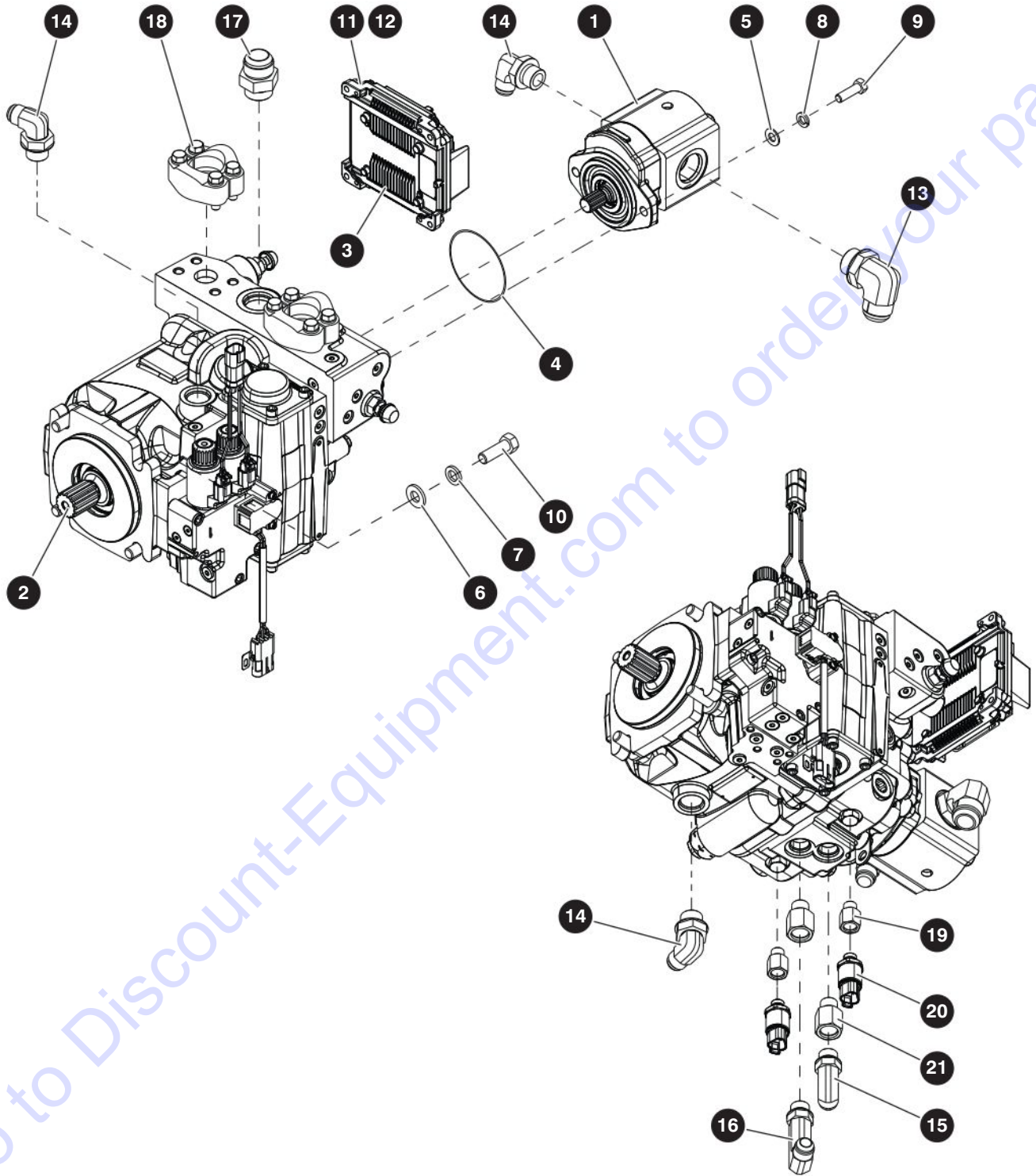
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3.6 Hydraulic Pump (Piston Drive)



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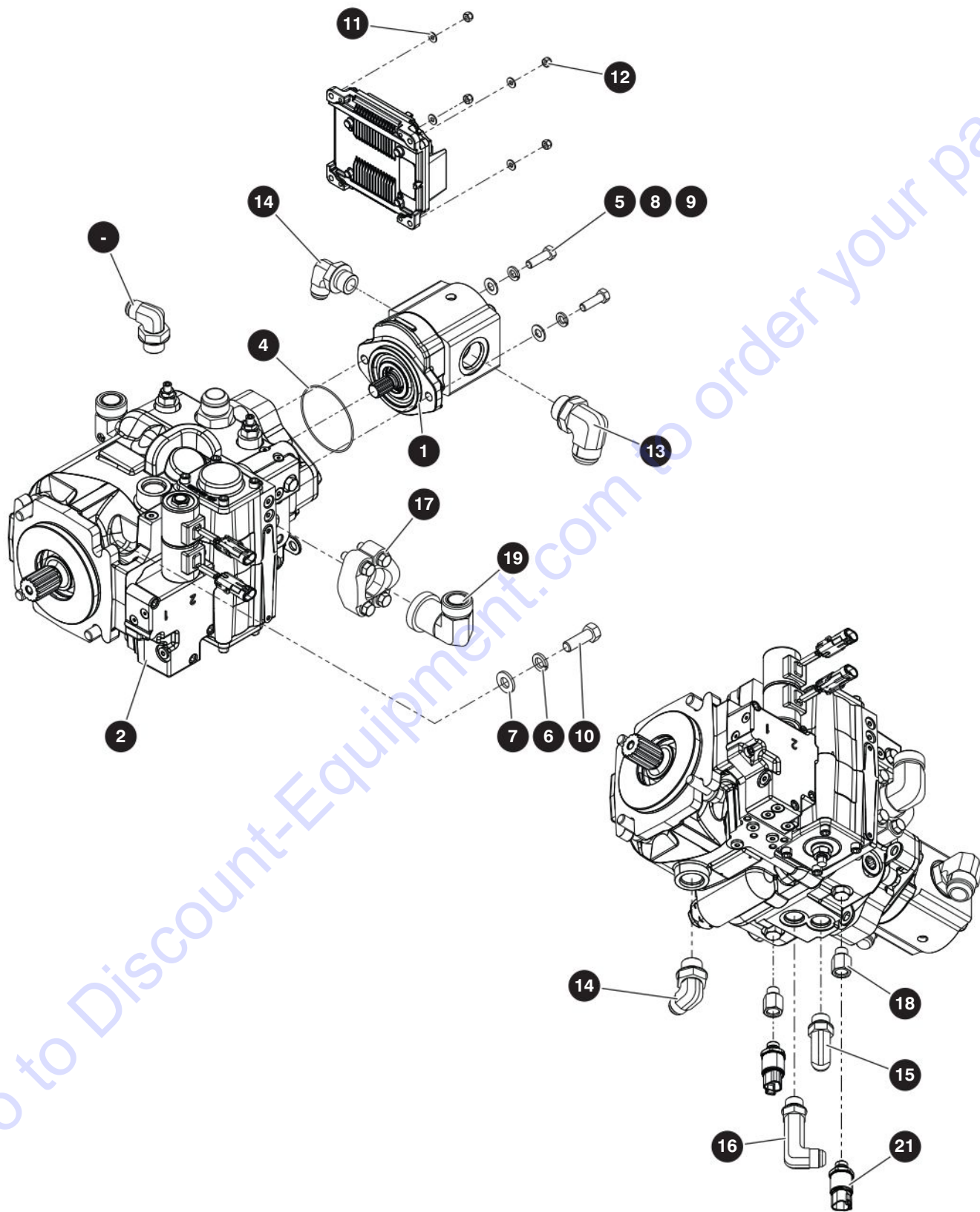
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3.6 Hydraulic Pump (Piston Drive)

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	<i>For serial numbers 87 500 001 - 87 500 008, 87 500 031 & up</i>
-	9-206543	1	HYDRAULIC PUMP
1	9-206718	1	• PUMP, System 30 CC high pressure gear
2	9-205852	1	• PUMP, Piston drive - 3.8 cir prop ctrl
-	9-224145	1	• • SEAL, Shaft
-	9-224146	1	• • O-RING,
-	9-224147	1	• • GEROTOR
-	9-224148	1	• • SOLENOID CONTROL
-	9-224149	1	• • VALVE, Pilot operated relief
-	9-224150	1	• • VALVE, High pressure relief
-	9-224299	1	• • SENSOR, Feedback, non-contact
-	9-223682	1	• • RELIEF VALVE
3	9-206544	1	• CONTROLLER, HFX12M
4	9-162387	1	• O-RING, 3.25 ID x 1/16"
5	9-103472	2	• WASHER, Flat 3/8"
6	9-104379	4	• WASHER, Flat 1/4" Hard
7	9-103470	4	• WASHER, Lock 1/2" NOM x 1/8"
8	9-103999	2	• WASHER, Lock 3/8"
9	9-101297	2	• BOLT, Hex head zinc plated (3/8"-16 x 1-1/4" Gr. 5)
10	9-103907	4	• BOLT, Hex Head 1/2"-13 x 1-1/2" Gr. 5
11	9-104694	4	• WASHER, Flat #10
12	9-300450	4	• NUT, Lock with nylon insert 10-32 Gr. 5
13	9-707040	1	• FITTING, 90° (16JICM-16ORBM)
14	9-138981	3	• FITTING, 90° (10JICM-12ORBM)
15	9-135091	1	• FITTING, 90° (10JICM-10ORBM)
16	9-191857	1	• FITTING, 90° LL (10JICM-10ORBM)
17	9-138667	1	• FITTING, 16° TO 16 JICM
18	9-205722	2	• FLANGE KIT, Split code 62 - 16
19	9-196193	2	• FITTING, Straight (06 ORBM - 06 ORBF)
20	9-206931	2	• SENSOR, Pressure -7500 psi 0-5V
21	9-224191	2	• FITTING, Straight (10 ORBM - 10 ORBF)

3.7 Hydraulic Pump (Variable Displacement)



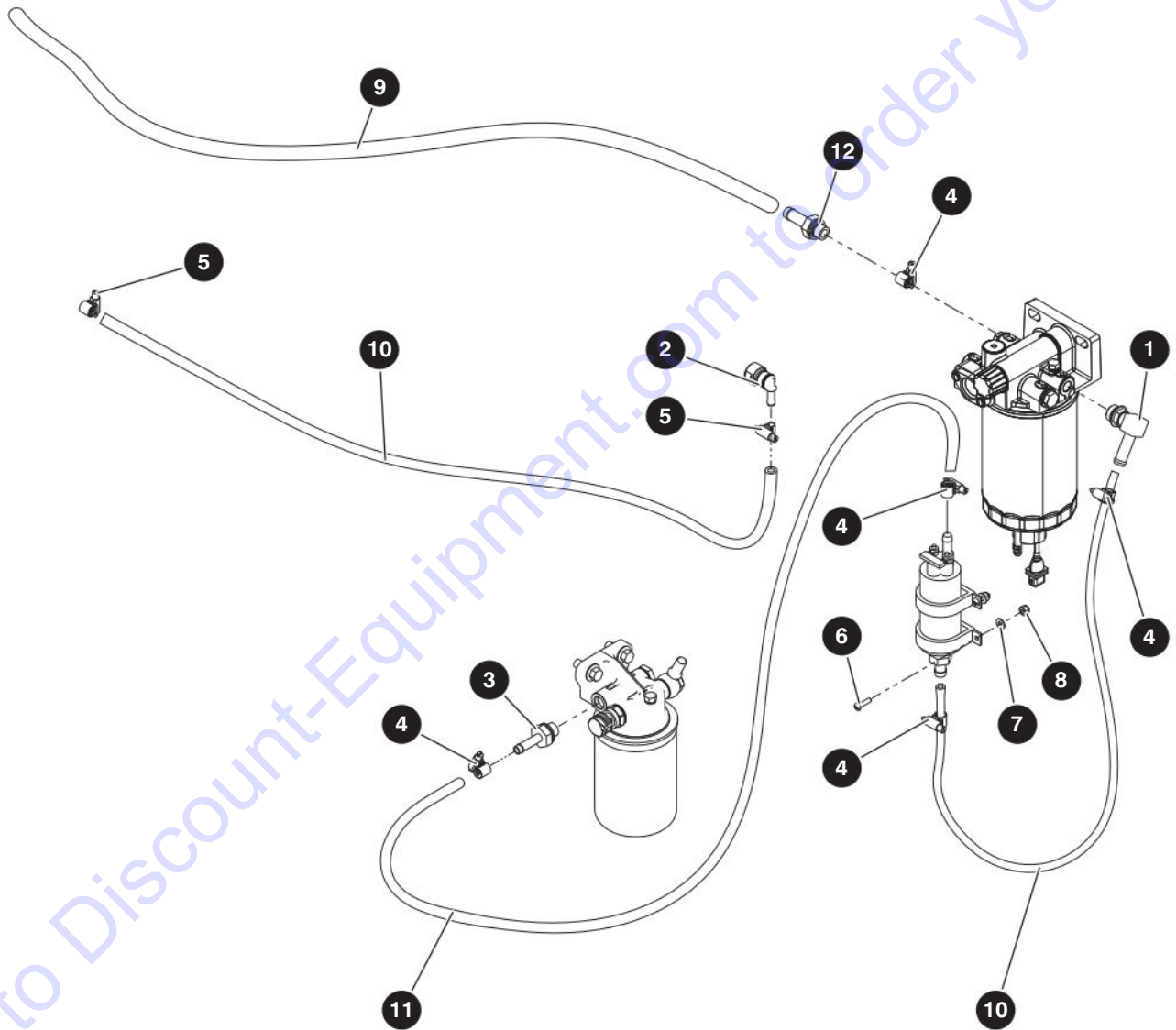
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3.7 Hydraulic Pump (Variable Displacement)

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	<i>For serial numbers 87 500 009 to 87 500 031</i>
-	9-224187	1	HYDRAULIC PUMP SUBGROUP
1	9-206718	1	• PUMP, 30 CC high pressure gear
2	9-224180	1	• PUMP, 64 CC variable displacement
3	9-206544	1	• CONTROLLER, HFX12M
4	9-162387	1	• O-RING, 3-1/4" ID x 1/16"
5	9-103472	2	• WASHER, Flat 3/8"
6	9-104379	4	• WASHER, Flat 1/4" hard
7	9-103470	4	• WASHER, Lock 1/2" NOM x 1/8"
8	9-103999	2	• WASHER, Lock 3/8"
9	9-101297	2	• BOLT, Hex head zinc plated (3/8"-16 x 1-1/4" Gr. 5)
10	9-103907	4	• BOLT, Hex Head 1/2"-13 x 1-1/2" Gr. 5
11	9-104694	4	• WASHER, Flat #10
12	9-300450	4	• NUT, Lock with nylon insert, 10-32 Gr. 5
13	9-707040	1	• FITTING, 90° (16JICM-16ORBM)
14	9-138981	3	• FITTING, 90° (10JICM-12ORBM)
15	9-135091	1	• FITTING, 90° (10JICM-10ORBM)
16	9-191857	1	• FITTING, 90° LL (10JICM-10ORBM)
17	9-205722	2	• FLANGE KIT, Split code 62 - 16
18	9-196193	2	• FITTING, Straight (06 ORBM - 06 ORBF)
19	9-221785	2	• FITTING, FS1804-16-16-FG
20	9-138667	1	• FITTING, 16 ORBM TO 16 JICM
21	9-206931	2	• SENSOR, PRESSURE -7500 PSI 0-5V

3.8 Fuel Lines



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3.8 Fuel Lines

Index No.	Skyjack Part No.	Qty.	Description
-	9-206494	1	FUEL LINES
1	9-210372	1	• FITTING, 90° 08 BEAD M16 ORBM
2	9-206493	1	• CONNECTOR, Fuel - 10 mm 90°
3	9-164977	1	• FITTING, 3/8" Fuel hose, Deutz D/TD2.9
4	9-116342	6	• CLAMP, Hose (1/2")
5	9-103321	2	• CLAMP, Hose (5/16")
6	9-104698	4	• SCREW, Round head machine 10-32 x 3/4"
7	9-104694	4	• WASHER, Flat #10
8	9-300450	4	• NUT, Lock with nylon insert 10-32 Gr. 5
9	9-102984	105	• FUEL LINE, 5/16" #47PB-B194
10	9-163509	127	• HOSE, 300 psi, general purpose
11	9-166737	45	• FUEL LINE, 3/8" Rubber
12	9-163222	1	• FITTING, 1/2" Fuel hose - Deutz D/TD2.9
13	9-171444	75	• WRAP SPIRAL 1.00" DIA

Section 4 – Operator's Cab

4.1 Cab Assembly

4.2 Open Cab

4.3 Open Cab Components

4.4 Steering Column

4.5 Orbital Steering Motor

4.6 Joystick

4.7 Proportional Flow Control Valve

4.8 Front Dash

4.9 Right Hand Dash Panel

4.10 Left Hand Dash Panel

4.11 Relay Bracket

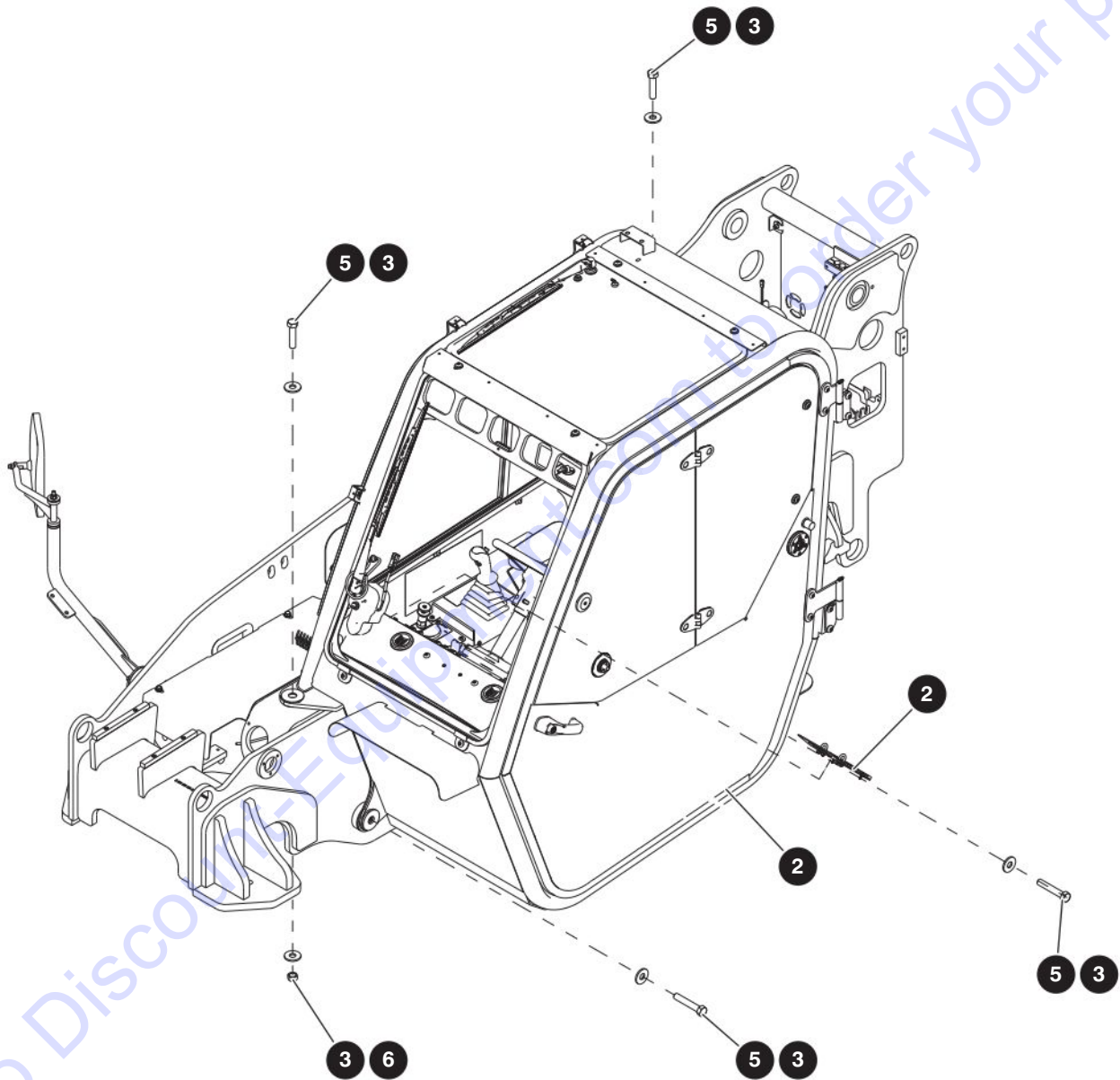
4.12 Brake and Throttle Pedals

4.13 Enclosed Cab

4.14 Cab Door

4.15 Heater Unit Components

4.1 Cab Assembly



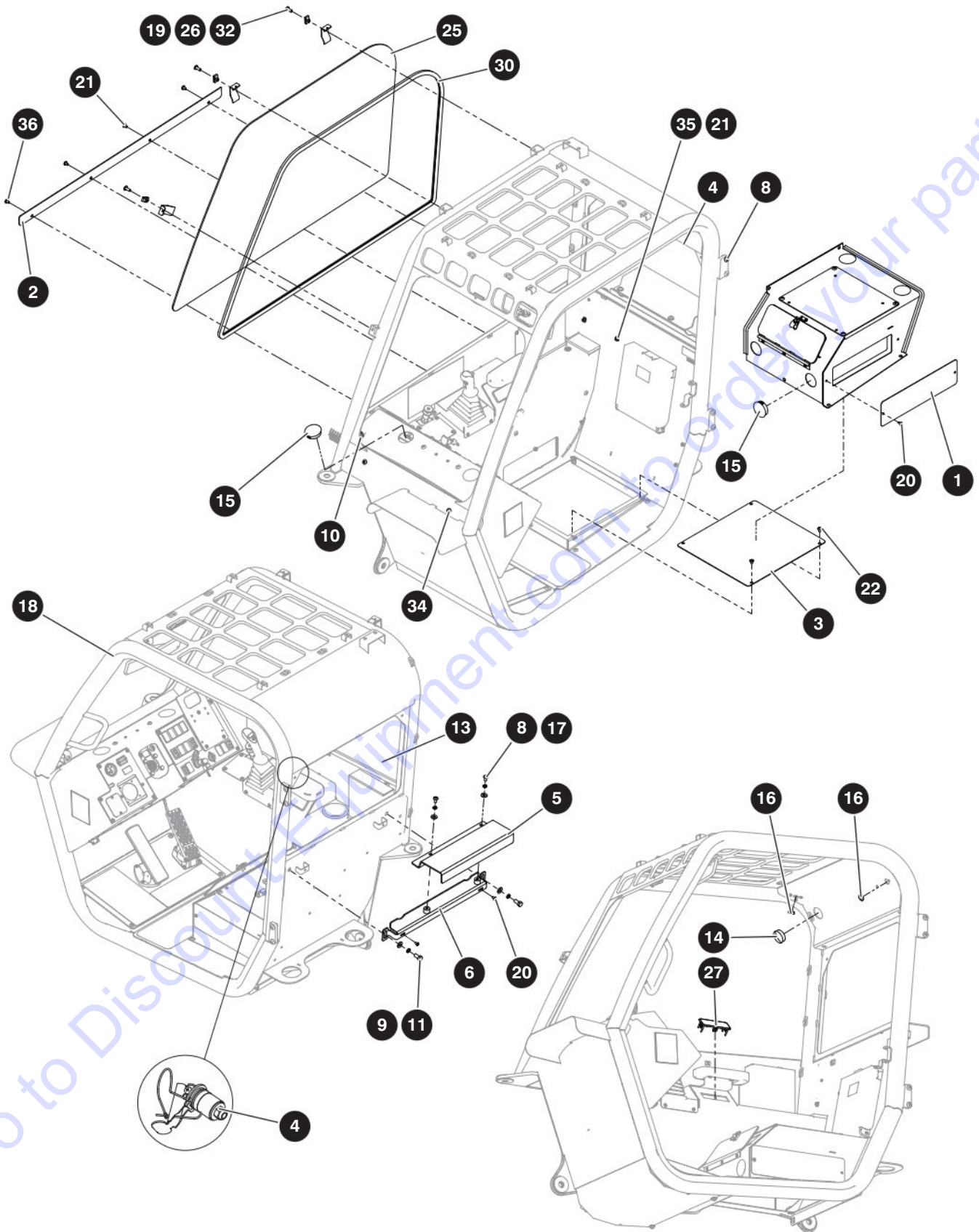
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4.1 Cab Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-206212	1	CAB ASSEMBLY
1	9-205407	1	• ENCLOSED CAB, 519
2	9-191773	1	• FLIP CHART
3	9-204656	8	• WASHER, Hard 3/4" x 2" x 3/16" thick, zinc plated
4	9-191836	2	• BOLT, Hex head 3/4"-10 x 4-1/4" Gr. 8, zinc
5	9-113489	2	• BOLT, Hex head 3/4"-10 x 3-1/4" Gr. 8
6	9-700575	4	• NUT, Torque lock, 3/4"-10 Gr. C
7	206681	1	• HEATER SUBGROUP (not shown)

4.2 Open Cab



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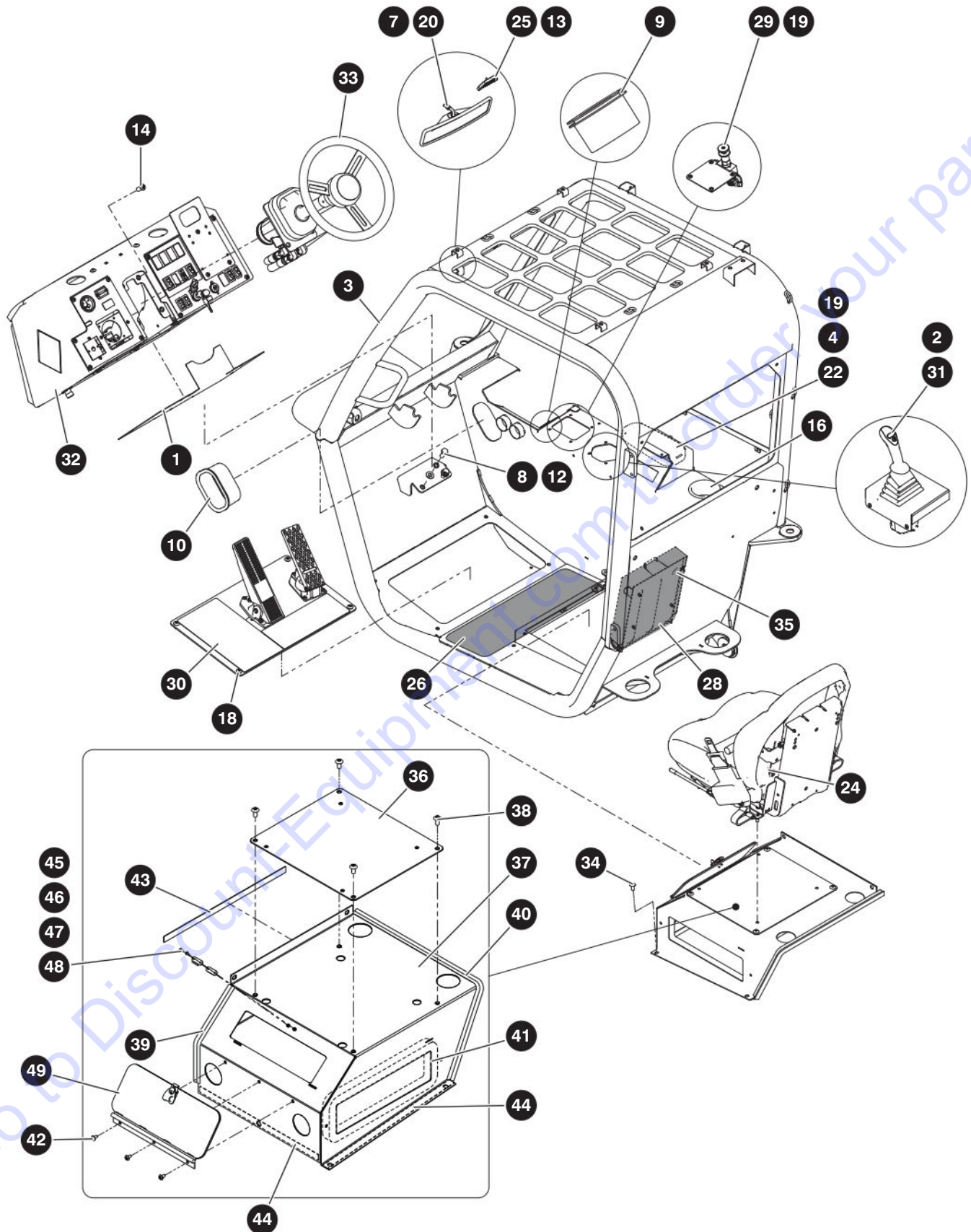
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4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
-	9-205304	1	OPEN CAB
1	9-191744	1	• PANEL, Seat riser cover
2	9-191711	1	• RETAINER, Window side
3	9-191569	1	• COVER PANEL, Non-HVAC
4	9-204288	2	• LATCH, Swell, red handle
5	9-205318	1	• PANEL, Tank cover
6	9-204287	1	• WELDMENT, Retainer, top
7	9-205871	2	• WELDMENT, Tank spacer
8	9-103472	9	• WASHER, Flat 3/8" type a,w ser
9	9-103911	2	• BOLT, Hex head 1/2"-13 NC x 1" Gr. 5
10	9-191914	1	• PLUG, Hole, plastic, 1-1/4" DIA
11	9-191536	2	• WASHER, Flat 1/2" type a,n ser
12	9-191538	4	• MSCR, .500-13 NC X 1.00 BH SOC
13	9-205401	1	• ASSEMBLY, REAR WINDOW
14	9-191512	1	• PLUG, HOLE, PLASTIC, 2.09 DIA
15	9-191514	6	• PLUG, HOLE 2.50"
16	9-191515	2	• HOLE PLUG, 1.00"
17	9-191542	7	• MSCR, .375-16 NC X .75 BH TORX
18	9-205390	1	• ASSEMBLY, CAB
19	9-159294	3	• NUT, U-CLIP, 3/8-16UNC
20	9-191517	1	• GROMMET, SNAP BUSHING, 1.00"
21	9-205362	2	• WASHER, FLAT, .25 ID X .50 OD
22	9-191548	2	• BOLT, Machine 1/4"-20 NC x 1/2" TH torx
23	9-235135	4	• BOLT, SCREW 5/16"-18 NC x 1/2" TH torx
24	9-205361	1	• PLUG, Hole, plastic, 3/8" DIA
25	9-191708	1	• WINDOW, Right Hand
26	9-191710	3	• CLIP, Window
27	9-191492	1	• PLUG, Controller
28	9-920689	2	• BLANK PLUG, Waytek 43242
29	9-204286	2	• WIRE TIE, Red polypropylene (Not Shown)
30	9-191709	1	• BUBBLE SEAL, Loop side
32	9-223793	3	• BOLT, MACHINE 3/8"-16 NC x 1" BH torx
33	9-204421	2	• DECAL, EMERGENCY EXIT
34	9-235133	7	• BOLT, HX FLANGED, .250-20x0.625 GR5 BO
35	9-235132	2	• BOLT, HX FLANGED, .250-20x0.375 GR5 ZN
36	9-235138	1	• BOLT-HEX HD/ZINC (3/8-16 x 1/2" / GR5) BO

4.3 Open Cab Components

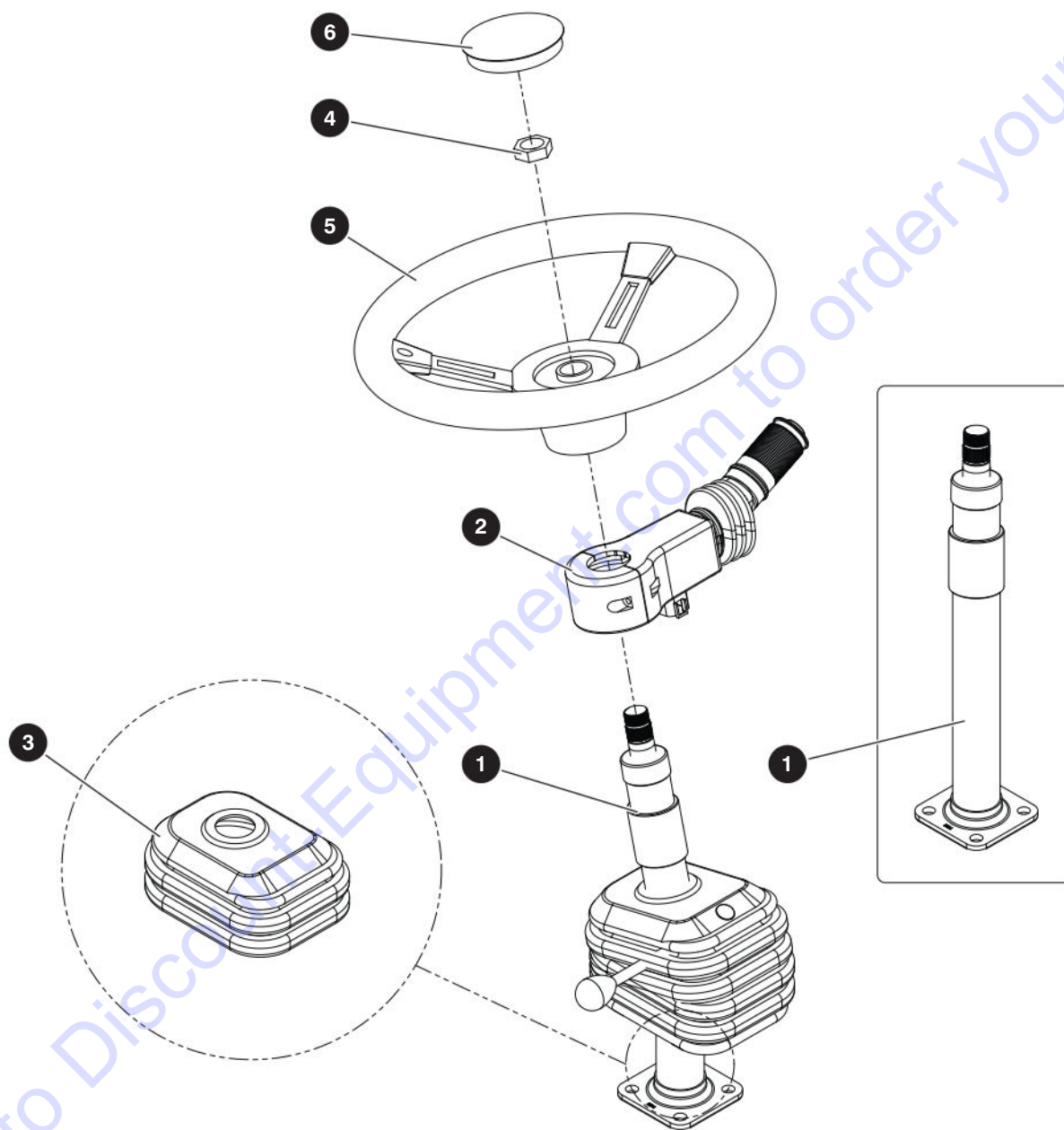


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4.3 Open Cab Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205390	1	Open Cab
1	9-191570	1	• DASH COVER PLATE
2	9-205348	1	• PANEL, Joystick cover
3	9-205313	1	• WELDMENT, Cab
4	9-104000	2	• WASHER, Lock, hel spring, 1/4"
5	9-191686	2	• WASHER, Flat 3/16" Type a,w ser
6	9-104185	5	• WASHER, Lock, hel spring, 3/16"
7	9-933625	1	• NUT, Hex, M8 x 1-1/4", DIN 934
8	9-103911	2	• BOLT, Hex head 1/2"-13 NC x 1" Gr. 5
9	9-205364	1	• SEAL, Flap clip-on
10	9-205364	1	• SEAL, Flap clip-on
11	9-103957	2	• BOLT, Machine, #8-32 NC x 1/2" PH phil
12	9-191536	2	• WASHER, Flat 1/2" type A,n ser
13	9-138834	4	• SCREW, Machine #10-24 NC x 3/4" PH phil
14	9-191538	4	• BOLT, Machine 1/2"-13 NC x 1" BH soc
15	9-191540	2	• WIRE TIE, Nylon, black, 7.5
16	9-205403	1	• CUP HOLDER, Black plastic
17	9-191917	2	• BOLT, Machine, #10-24 NC x 1/2" PH PHIL
18	9-191542	9	• BOLT, Machine 3/8"-16 NC x 3/4" BH torx
19	9-235133	16	• BOLT, HX FLANGED, .250-20x0.625 GR5 BO
20	9-191521	1	• MIRROR HEAD, Stud mount
21	9-103991	3	• WASHER, Flat no. 8 SAE
22	9-205392	1	• ARMREST
23	9-191574	4	• NUT, Hex, 5/16"-18 NC
24	9-235139	1	• SEAT, Milsco
25	9-928355	1	• LEVEL INDICATOR
26	9-205360	1	• TAPE, Anti-skid psa
27	9-205327	1	• BUBBLE SEAL, 180°
28	9-220608	1	• BOX, Manual holder
29	9-205402	1	• ASSEMBLY, Flow control
30	9-205363	1	• ASSEMBLY, Pedals
31	9-205393	1	• ASSEMBLY, Joystick
32	9-205397	1	• ASSEMBLY, Front dash
33	9-205400	1	• ASSEMBLY, Steering
34	9-235134	9	• BOLT, HX FLANGED, .375-16x0.750 GR5 BO
35	9-235132	4	• BOLT, HX FLANGED, .250-20x0.375 GR5 BO
-	9-205391	1	• ASSEMBLY, Seat mount
36	9-205398	1	• • PLATE, Seat adapter
37	9-205314	1	• • WELDMENT, Seat riser with shelf
38	9-235134	4	• • BOLT, Machine 3/8"-16 NC x 3/4" BH Torx
39	9-205327	13.5	• • BUBBLE SEAL, 180°
40	9-205327	28	• • BUBBLE SEAL, 180°
41	9-191518	44	• • FOAM SEAL
42	9-235133	3	• • BOLT, Machine 1/4"-20 NC x 5/8" TH Torx
43	9-191524	17.5	• • GASKET, Foam seal
44	9-191524	36.3	• • GASKET, Foam seal
45	9-924972	2	• • NUT, Lock with nylon insert no. 6
46	9-191753	2	• • BOLT, Phil TMS 6-32 UNC x 1/2" SS
47	9-191563	1	• • LATCH, Pad lockable
48	9-191747	1	• • SPACER, Catch latch
49	9-191587	1	• • TOOL DOOR

4.4 Steering Column



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68

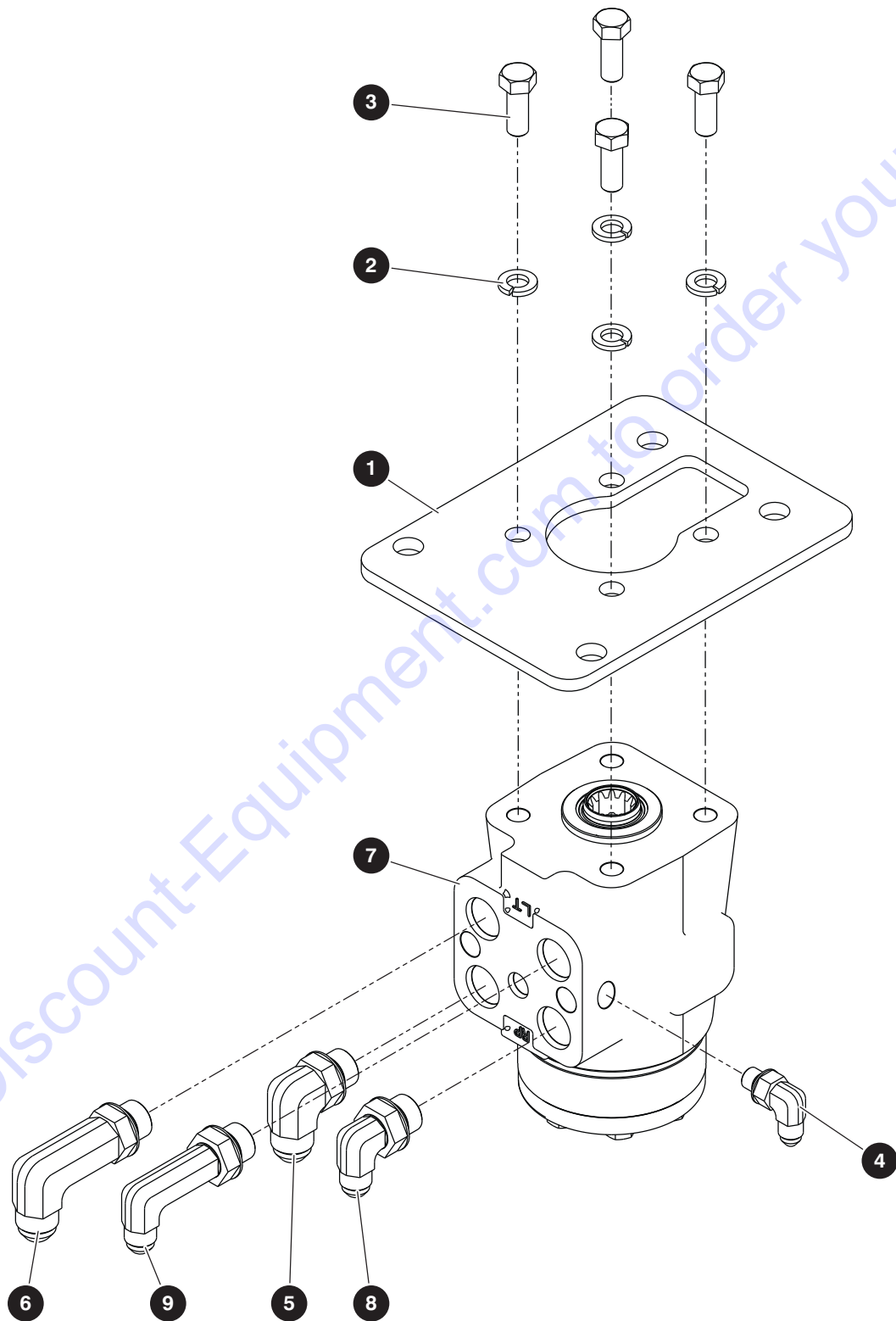
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4.4 Steering Column

Index No.	Skyjack Part No.	Qty.	Description
A	9-206818	1	TILT STEERING
B	9-206706	1	STANDARD STEERING
1	9-205663	1	• TILT STEERING - A
	9-191845	1	• STEERING, Flat flange column - B
2	9-205895	1	• SHIFTER, Single speed
3	9-191493	1	• BOOT, Column
4	9-405037	1	• NUT, Steering wheel
5	9-404849	1	• STEERING WHEEL, 14.5"
6	9-411375	1	• CAP, Steering wheel

4.5 Orbital Steering Motor



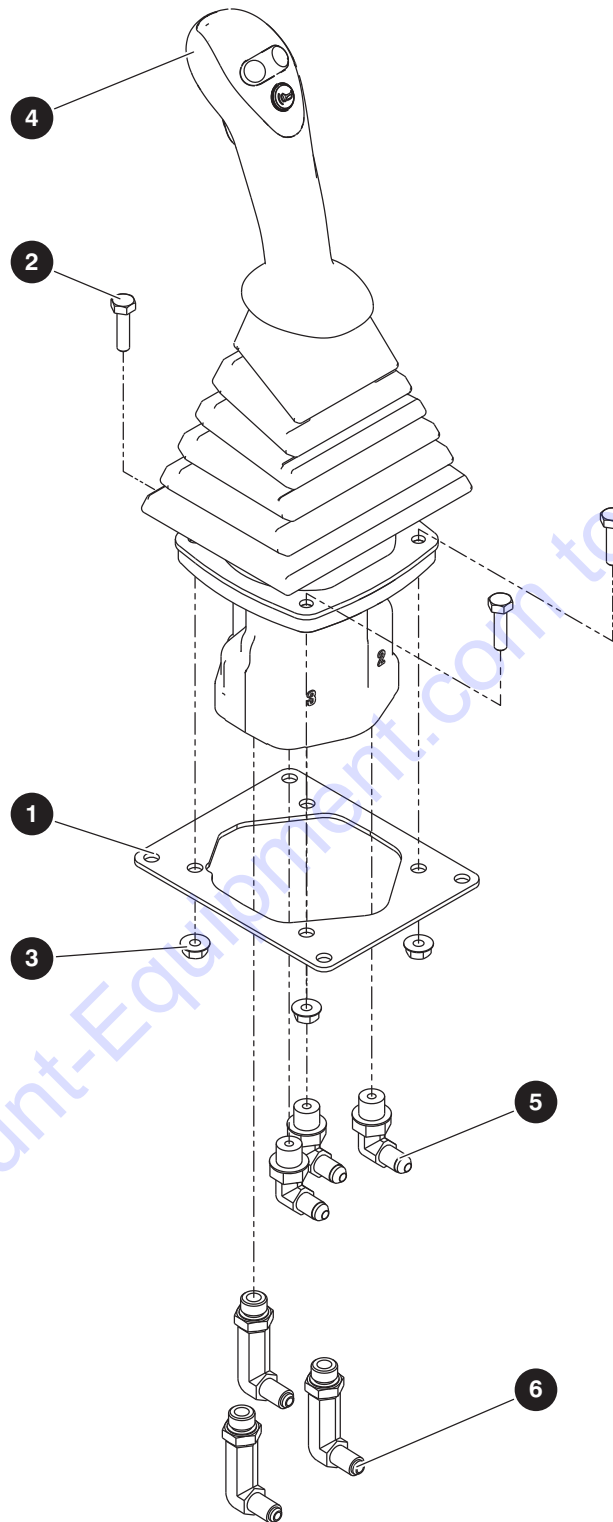
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4.5 Orbital Steering Motor

Index No.	Skyjack Part No.	Qty.	Description
-	9-205400	1	ORBITAL STEERING MOTOR
1	9-191496	1	• PLATE, Steering mount
2	9-103999	4	• WASHER, Lock 3/8"
3	9-103473	4	• BOLT, Hex head zinc plated (3/8"-16 x 1" Gr. 5)
4	9-125883	1	• FITTING, 90° (04 JICM - 04 ORBM)
5	9-114583	1	• FITTING, 90° (08 JICM - 08 ORBM)
6	9-702798	1	• FITTING, 90° LL (08 JICM - 08 ORBM)
7	9-206832	1	• MOTOR, Steering 519
-	9-224158	1	• • SHAFT SEAL
-	9-224159	1	• • SEAL KIT
-	9-224160	1	• • RELIEF VALVE SEAT
-	9-224161	1	• • RELIEF VALVE SEAT
-	9-224206	1	• • VALVE , CHECK
-	9-224207	1	• • BALL
-	9-224208	1	• • BALL
-	9-224209	1	• • SPRING
-	9-224210	1	• • SPRING
8	9-102665	1	• FITTING - 90° (06 JICM - 08 ORBM)
9	9-154253	1	• FITTING, 90° LL (06 JICM - 08 ORBM)

4.6 Joystick



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72

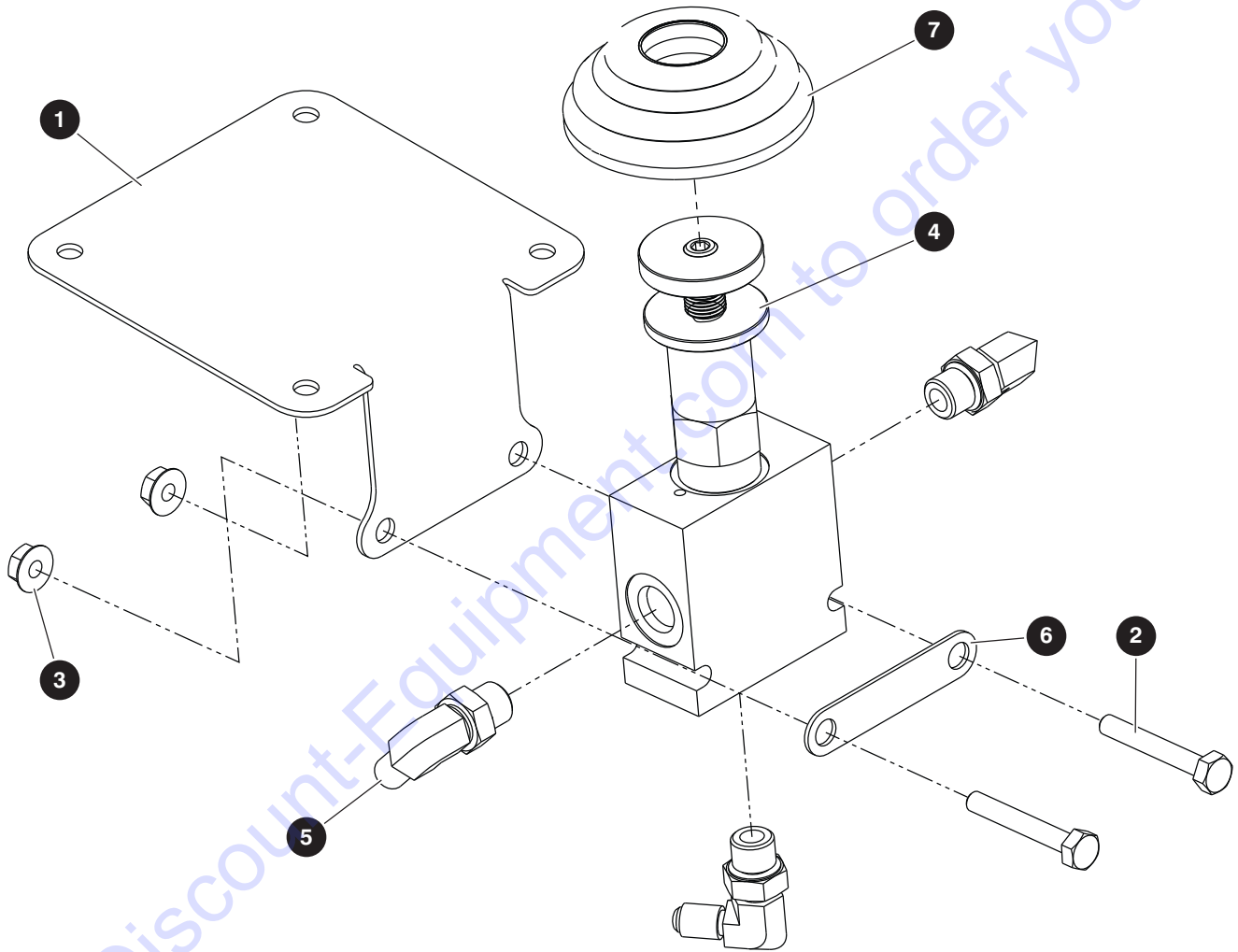
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4.6 Joystick

Index No.	Skyjack Part No.	Qty.	Description
-	9-205393	1	JOYSTICK
1	9-205868	1	• PANEL, Joystick mount
2	9-103857	4	• BOLT, Hex head zinc plated (1/4"-20 x 1" Gr. 5)
3	9-168208	4	• NUT, Hex serrated flange 1/4"-20
4	9-190356	1	• JOYSTICK, Hydraulic
5	9-129127	3	• FITTING, O-RING 90° elbow
6	9-205341	3	• FITTING, 90° LL (04 JICM - 06 ORBM)

4.7 Proportional Flow Control Valve



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74

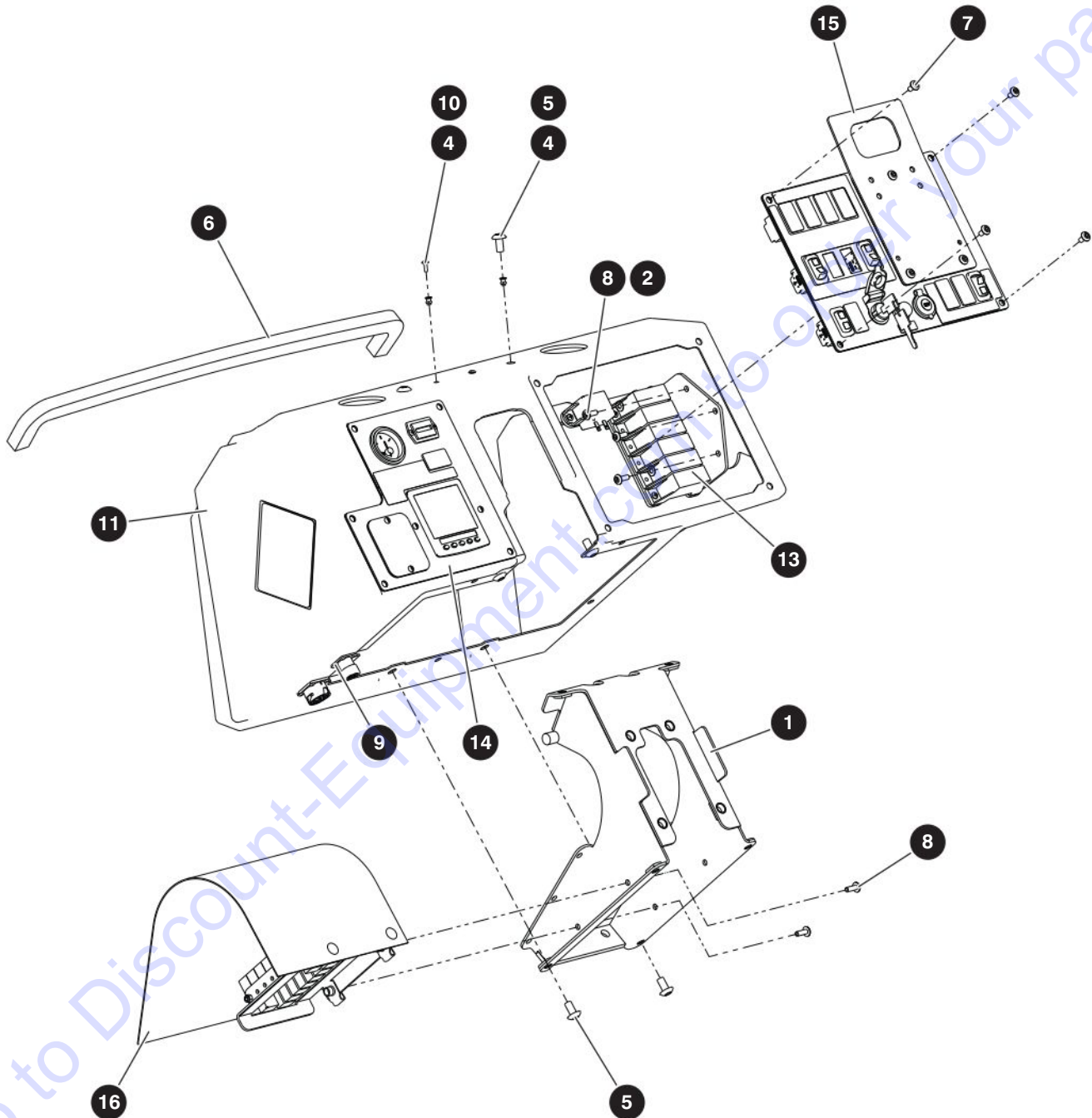
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SKYJACK

4.7 Proportional Flow Control Valve

Index No.	Skyjack Part No.	Qty.	Description
-	9-205402	1	PROPORTIONAL FLOW CONTROL VALVE
1	9-205886	1	• PLATE, Valve mounting
2	9-103860	2	• BOLT, Hex head zinc plated (1/4"-20 x 1-3/4" Gr. 5)
3	9-168208	2	• NUT, Hex-serrated flange 1/4"-20
4	9-205321	1	• VALVE, Proportional control hydraulic
5	9-205340	3	• FITTING, 06 MB - 04 MJ90
6	9-205899	1	• PLATE, FV Bolt spacer
7	9-205891	1	• BELLOWS, Flow control

4.8 Front Dash



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76

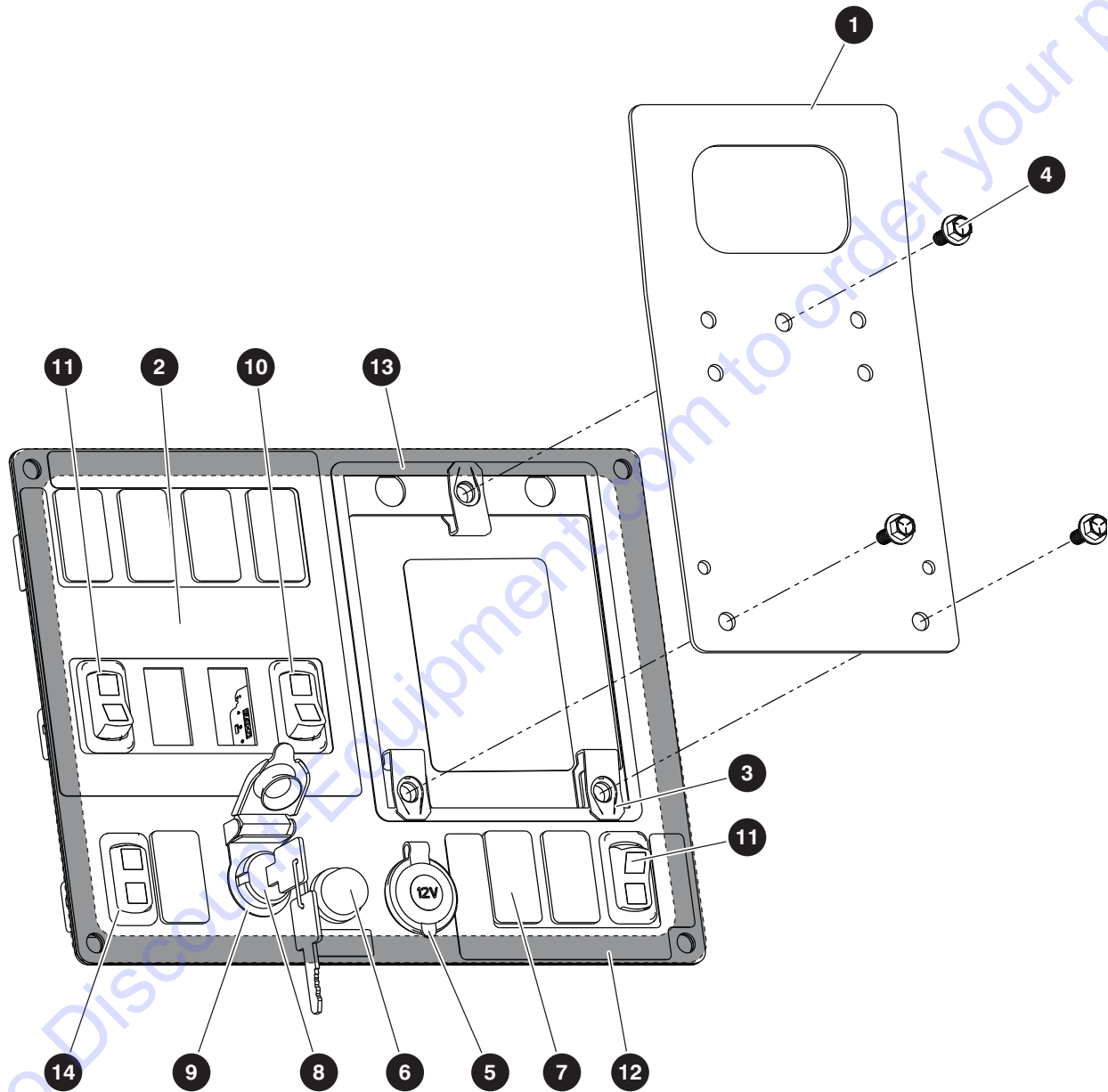
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SKYJACK

4.8 Front Dash

Index No.	Skyjack Part No.	Qty.	Description
-	9-205397	1	FRONT DASH
1	9-191519	1	• WELDMENT, Steering column mount
2	9-191686	2	• WASHER, Flat 3/16" type A, w ser
3	9-198996	4	• WIRE TIE, Nylon, 11.8" long, black (Not shown)
4	9-191545	2	• NUTSERT, 8-32 UNC x 0.350"
5	9-191542	6	• BOLT, Machine, 3/8"-16 NC x 3/4" BH torx
6	9-191518	1	• FOAM SEAL
7	9-191548	9	• BOLT, Machine 1/4"-20 NC x 1/4" TH torx
8	9-191550	5	• BOLT, Machine 1/4"-18 NC x 3/4" TH torx
9	9-191753	8	• PHIL TMS 6-32 UNC x 1/2" SS
10	9-191575	2	• PHIL TMS, 8-32 UNC x 1/2" 18-8SS
11	9-205335	1	• DASH PANEL, Plastic
12	9-206101	1	• HARNESS, Console 5K (Not shown)
13	9-191576	1	• ASSEMBLY, Fuse and power
14	9-205395	1	• ASSEMBLY, Left Hand Dash panel switches
15	9-205396	1	• ASSEMBLY, Right Hand Dash panel
16	9-205898	1	• ASSEMBLY, Micro relay

4.9 Right Hand Dash Panel



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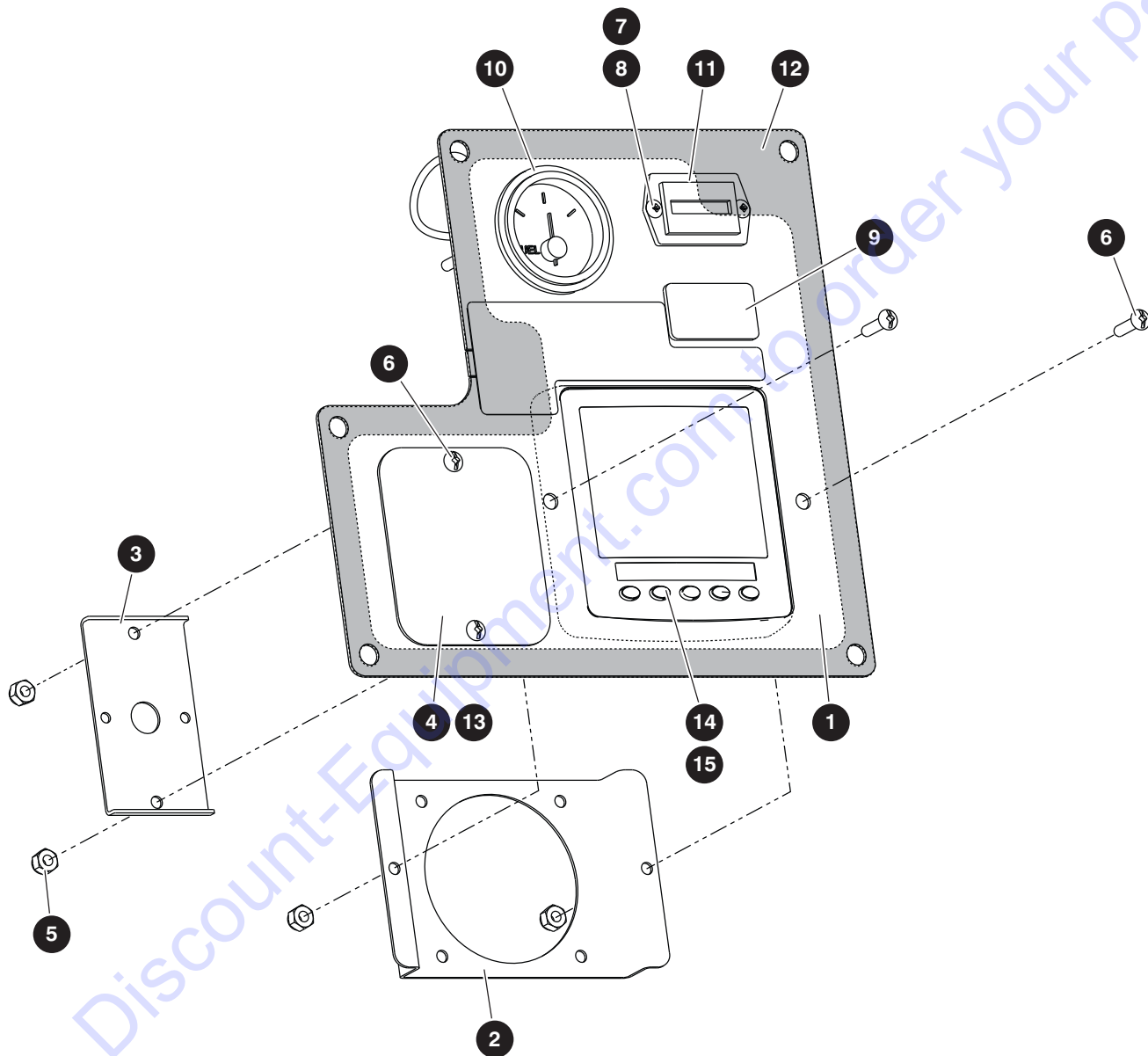
78

SJ519 TH
SKYJACK

4.9 Right Hand Dash Panel

Index No.	Skyjack Part No.	Qty.	Description
1	9-205396	1	Right Hand Dash Panel
1	9-191318	1	• PLATE, Flip chart mount
2	9-205336	1	• PANEL, Console right hand
3	9-149496	3	• NUT, Speed clip (1/4"-20 x 0.5 OL)
4	9-235133	3	• BOLT, Hex head 1/4"-20 NC x 1/4" TH
5	9-922915	1	• POWER PORT, 12V
6	9-405339	1	• BUTTON, Horn
7	9-920689	7	• SWITCH, Plug
8	9-926721	1	• SWITCH, Ignition
9	9-925191	1	• SWITCH COVER, Ignition switch
10	9-191454	1	• SWITCH, Park brake
11	9-191457	2	• SWITCH, Rocker
12	9-205863	1	• GASKET, RHS
13	9-205865	1	• GASKET, RHS Flipchart
14	9-206645	1	• INDICATOR, Glow plug/hydraulic oil temp

4.10 Left Hand Dash Panel



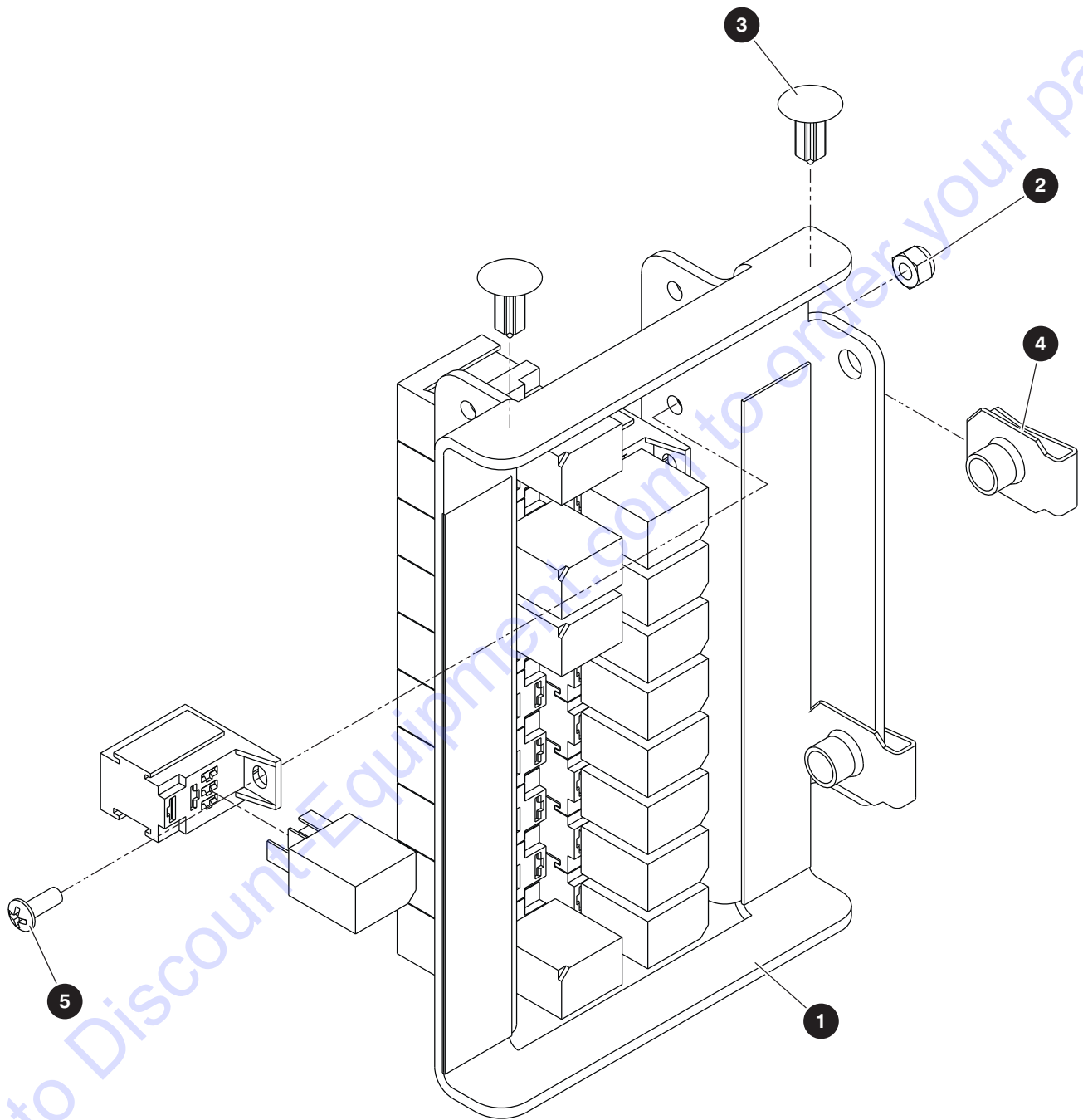
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4.10 Left Hand Dash Panel

Index No.	Skyjack Part No.	Qty.	Description
-	9-205395	1	LEFT HAND DASH PANEL
1	9-205343	1	• PANEL, Left Hand console
2	9-205345	1	• BRACKET, Display mount
3	9-205876	1	• BRACKET, Creep mode
4	9-205877	1	• PLATE, Cover, creep mode
5	9-126642	4	• NUT, Lock with nylon insert 10-24 Gr. 5
6	9-138834	4	• SCREW, Round head machine 10-24 x 3/4"
7	9-924972	2	• NUT, Lock with nylon insert no. 6
8	9-191753	2	• PHIL TMS 6-32 UNC x 1/2" SS
9	9-920689	1	• PLUG, Switch
10	9-407726	1	• GAUGE, S-W fuel level
11	9-927910	1	• HOUR METER
12	9-205864	1	• GASKET, LHS
13	9-205888	1	• GASKET, Cover, creep mode
14	9-191471	1	DISPLAY, Engine
15	9-224205	16.5"	FOAM, PSA .30" Thick x 1/2" WIDE

4.11 Relay Bracket



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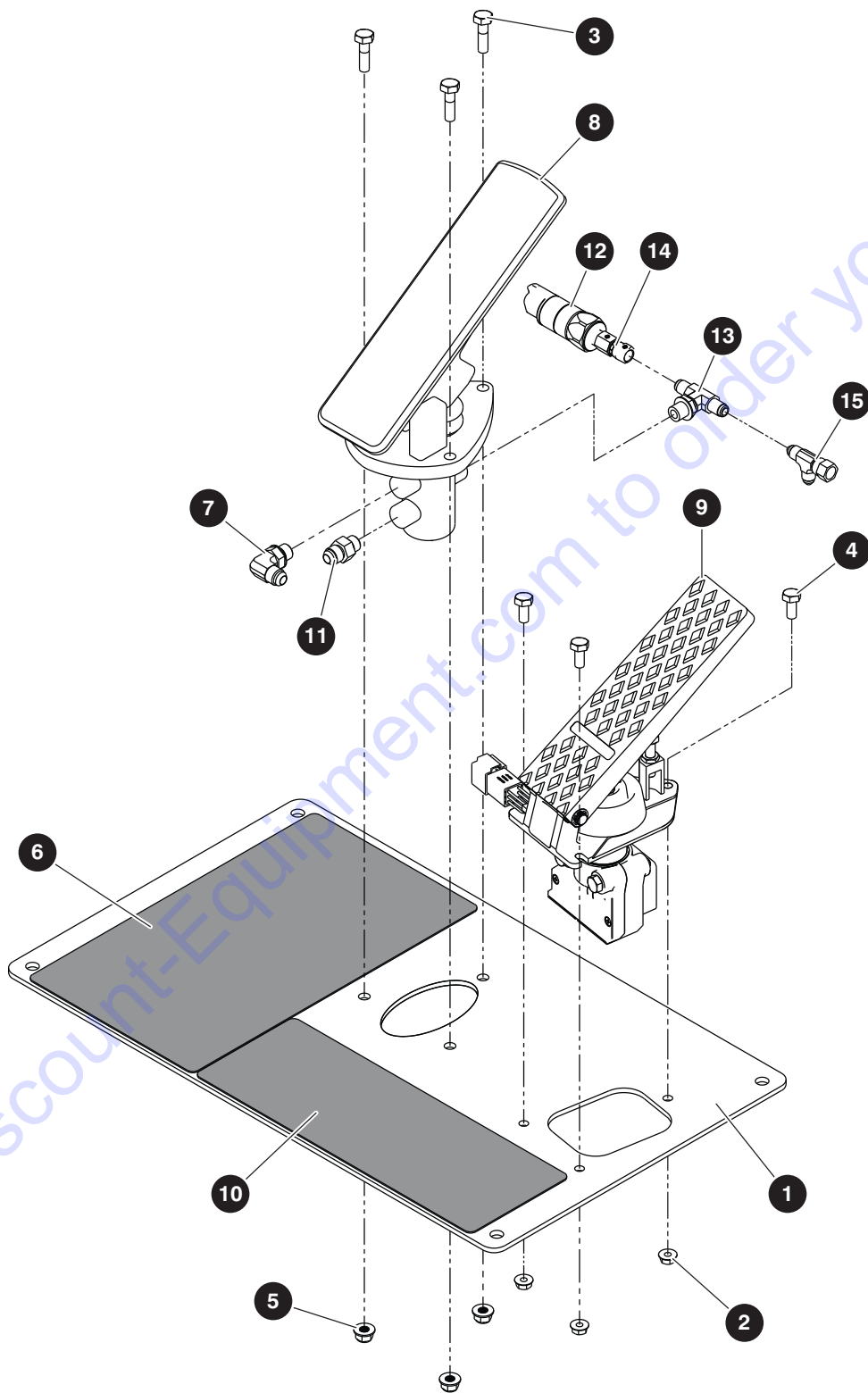
82

SJ519 TH
SKYJACK

4.11 Relay Bracket

Index No.	Skyjack Part No.	Qty.	Description
-	9-205898	1	RELAY BRACKET
1	9-191912	1	• BRACKET, Relay mount bank 22
2	9-126642	6	• NUT, Lock with nylon insert 10-24 Gr. 5
3	9-224275	2	• RETAINER, Tree 1/4"
4	9-149496	2	• NUT, Speed clip (1/4"-20 x 1/2" OL)
5	9-191917	6	• BOLT, Machine, #110-24 NC x 1/2" PH phil
6	9-213090	1	• COVER, Left hand relays - (Not shown)

4.12 Brake and Throttle Pedals



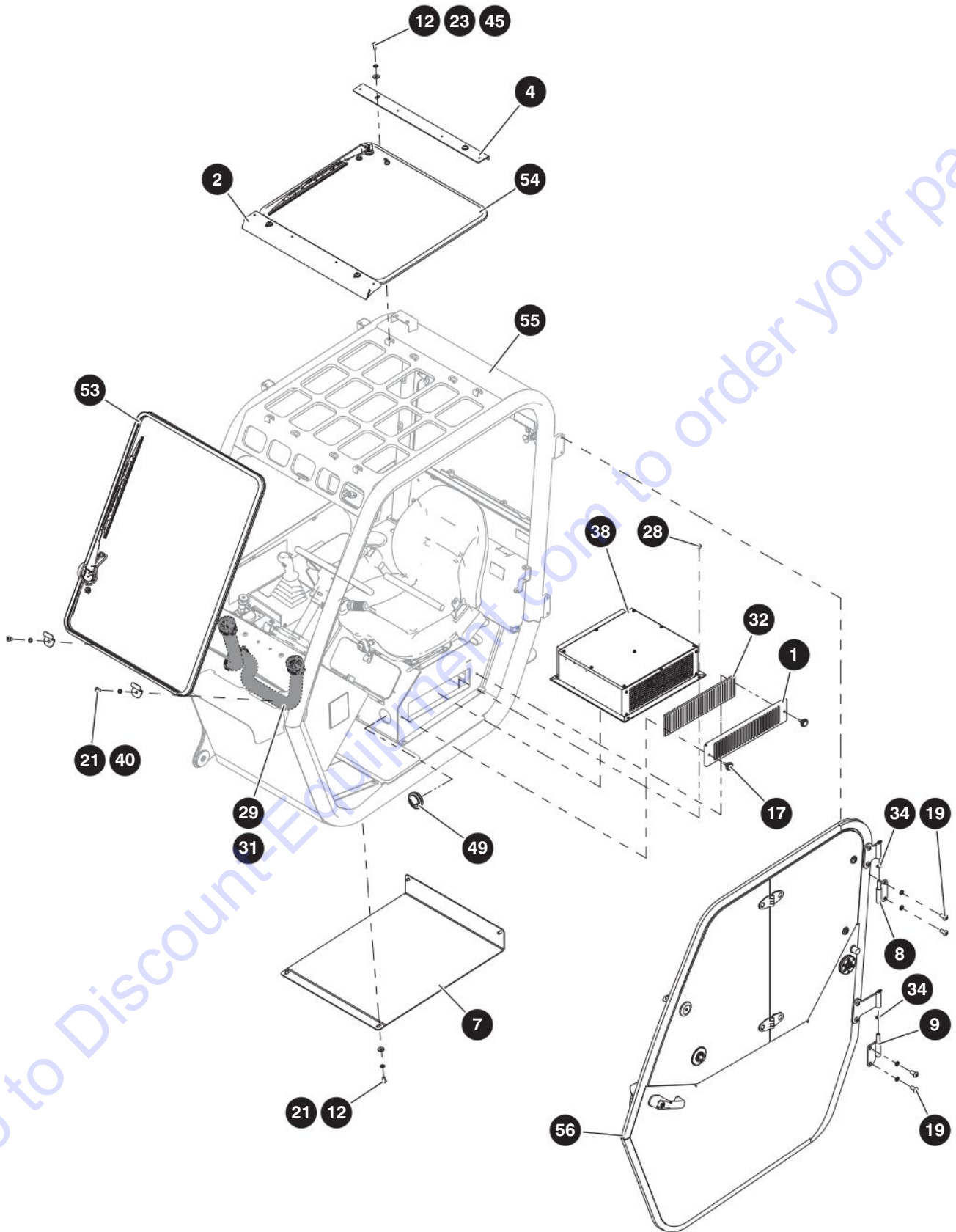
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4.12 Brake and Throttle Pedals

Index No.	Skyjack Part No.	Qty.	Description
-	9-205363	1	BRAKE AND THROTTLE PEDALS
1	9-191746	1	• PLATE, Pedal mounting
2	9-168208	3	• NUT, Hex serrated flange 1/4"-20
3	9-235136	3	• BOLT, Hex head 5/16"-18 NC x 1-1/4" TH
4	9-235133	3	• BOLT, Hex head 1/4"-18 NC x 3/4" TH
5	9-191574	3	• NUT, Hex 5/16" -18 NC flanged
6	9-191529	1	• TAPE, Anti- skid PSA
7	9-114578	1	• FITTING, 90° (06 JICM - 06 ORBM)
8	9-926370	1	• BRAKE, Valve
9	9-152201	1	• PEDAL, Throttle, electronic
10	9-191546	1	• TAPE, Anti- skid psa
11	9-103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
12	9-205893	1	• SENSOR, FITTING
13	9-148490	1	• FITTING, Branch tee (06 SAEM - 04 JICM - 04 JICM))
14	9-206475	1	• FITTING, Straight (02 NPTF - 04 JICF)
15	9-707917	1	• FITTING, (04 JICM - 04JICM - 04 JICFS)

4.13 Enclosed Cab



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86

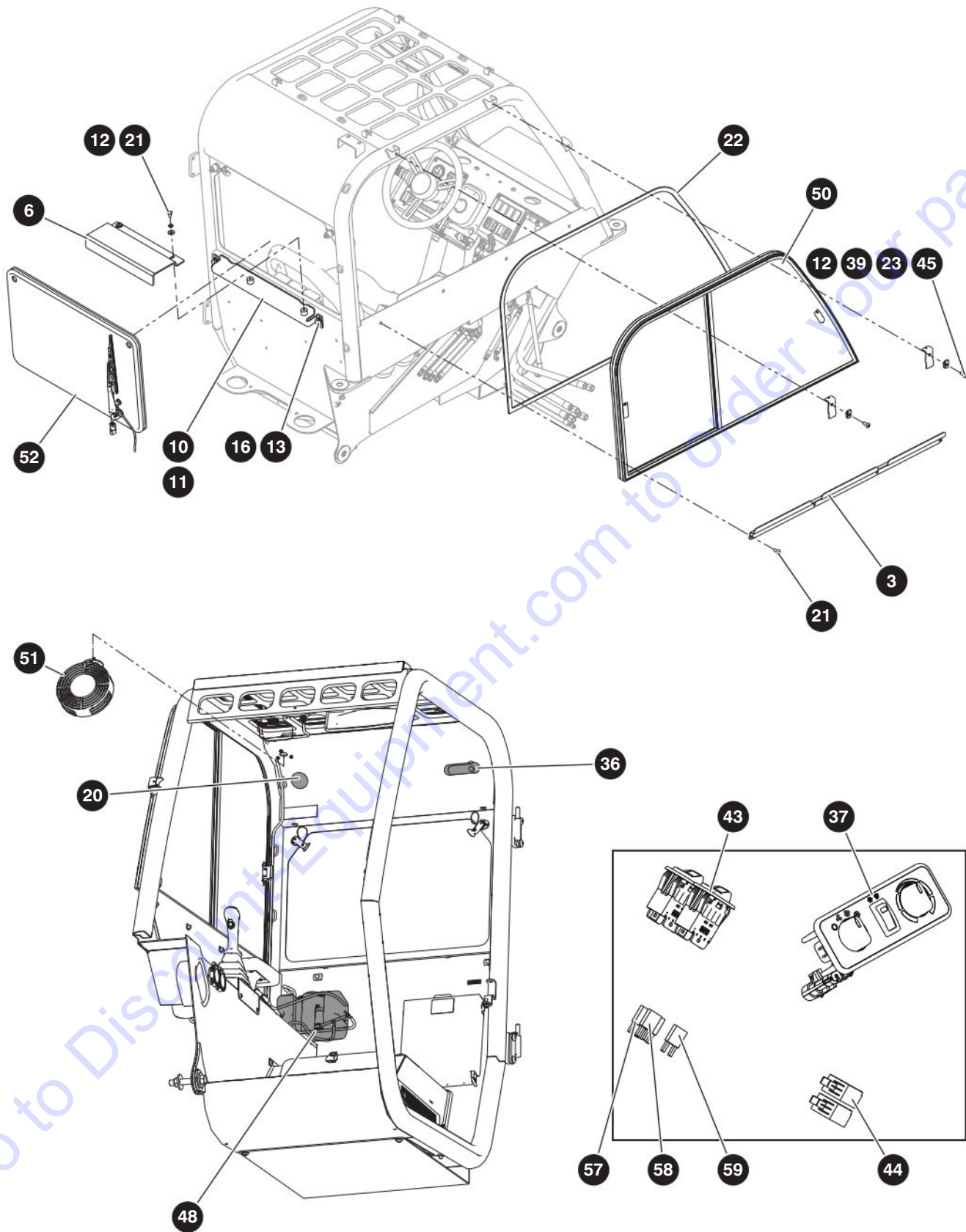
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SKYJACK

4.13 Enclosed Cab

Index No.	Skyjack Part No.	Qty.	Description
-	9-205407	1	ENCLOSED CAB
1	9-191649	1	PANEL, Screen intake
2	9-191651	1	RETAINER, Front upper window
3	9-191652	1	RETAINER, Window slider lo
4	9-191653	1	PLATE, Retainer, top
5	9-204288	2	LATCH, Swell, red handle
6	9-205318	1	PANEL, Tank cover
7	9-205338	1	PANEL, Belly pan
8	9-191926	1	HINGE, Upper
9	9-191926	1	HINGE, Lower
10	9-204287	1	RETAINER, Top
11	9-205871	2	TANK, Spacer
12	9-103472	11	WASHER, Flat 3/8" Type A,W SER
13	9-103911	2	BOLT, Hex Head 1/2"-13 NC x 1" Gr. 5
14	9-191532	4	CLAMP, Hose, #40 2-1/16" - 3"
15	9-191689	1	BALL STUD, Gas spring, 10 mm
16	9-191536	4	WASHER, Flat 1/2" Type A,N SER
17	9-191692	2	KNOB, Black, 1-1/4" DIA 1/4" x 3/4"
18	9-191695	2	HOSE, Tee 3/16" DIA
19	9-191538	4	BOLT, Machine 1/2"-13 NC x 1" BH soc
20	9-191512	1	PLUG, Hole, plastic, 3/32" DIA
21	9-191542	12	BOLT, Machine 3/8"-16 NC x 3/4" BH torx
22	9-223900	1	RUBBER, D-seal, PSA hats
23	9-159294	8	NUT, U-clip, 3/8"-16 UNC
24	9-191702	1	NUT, Hex jam, M12 x 1.0 F
25	9-191703	1	STRIKER STUD, 17 mm
26	9-191517	1	GROMMET, Snap bushing, 1"
27	9-191548	9	MSCR, 1/4"-20 NC x 1/2" TH torx
28	9-191677	4	MSCR, 5/16"-18 NC x 1/2" TH torx
29	9-191523	1	DUCT, Flex air
30	9-191523	1	DUCT, Flex air
31	9-191706	2	LOUVER, Round, 2.79 w/2.0 hose
32	9-921521	1	FILTER, HVAC
33	9-191574	1	NUT, Hex, 5/16"-18 NC
34	9-191707	2	HINGE WASHER, Brass
35	9-191525	1	FITTING, Wiper hose
36	9-191658	1	DOME LIGHT, Oval with switch
37	9-191491	1	CONTROLLER, HVAC
38	9-922749	1	HEATER UNIT
39	9-191665	3	CLIP, Window slider
40	9-191666	2	RETAINER, Front window lo
41	9-191472	1	WIRE HARNESS, Cab components
42	9-191490	1	WIRE HARNESS, Heater/AC
43	9-191459	2	SWITCH, Wiper/washer
44	9-931298	2	MICRO RELAY, 20A
45	9-223793	7	BOLT, Machine 3/8"-16 NC x 1" BH torx
46	9-204421	2	DECAL, Emergency exit

4.13 Enclosed Cab



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88

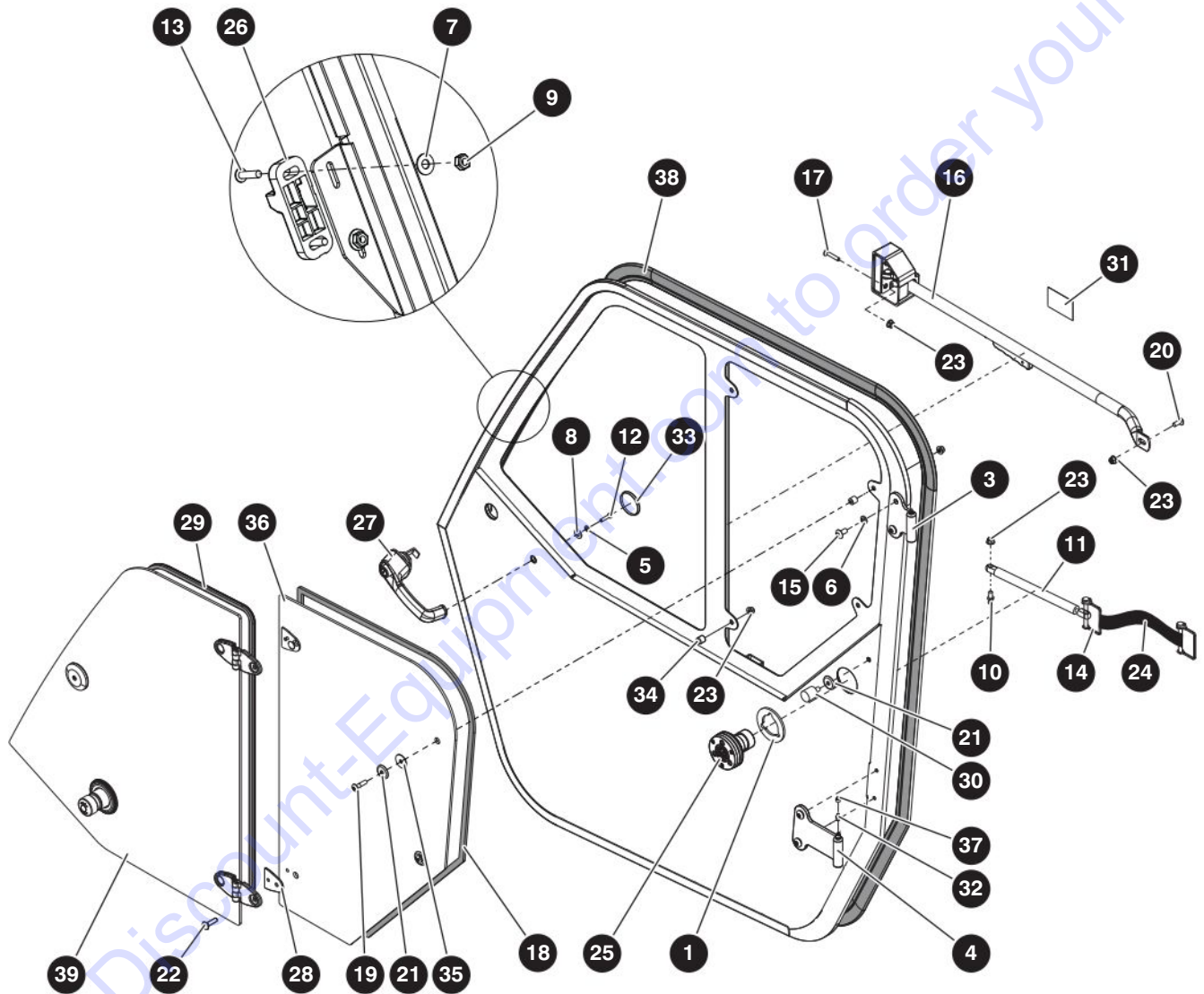
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4.13 Enclosed Cab

Index No.	Skyjack Part No.	Qty.	Description
47	9-204286	2	WIRE TIE, Red polypropylene
48	9-205382	1	TANK, Washer fluid
49	9-205879	4	LOUVER, Round, 2.79"
50	9-223899	1	WINDOW, Slider
51	9-191680	1	ASSEMBLY, Fan with terminals
52	9-191590	1	ASSEMBLY, Rear window
53	9-191683	1	ASSEMBLY, Front window
54	9-191684	1	ASSEMBLY, Top window
55	9-205390	1	ASSEMBLY, Cab
56	9-205394	1	ASSEMBLY, Door LH
57	9-156203	2	FUSE, ATO\ATC, 10 A, red
58	9-156164	1	FUSE, ATO\ATC, 30 A, light green
59	9-156202	1	FUSE, ATO\ATC, 5 A, tan

4.14 Cab Door



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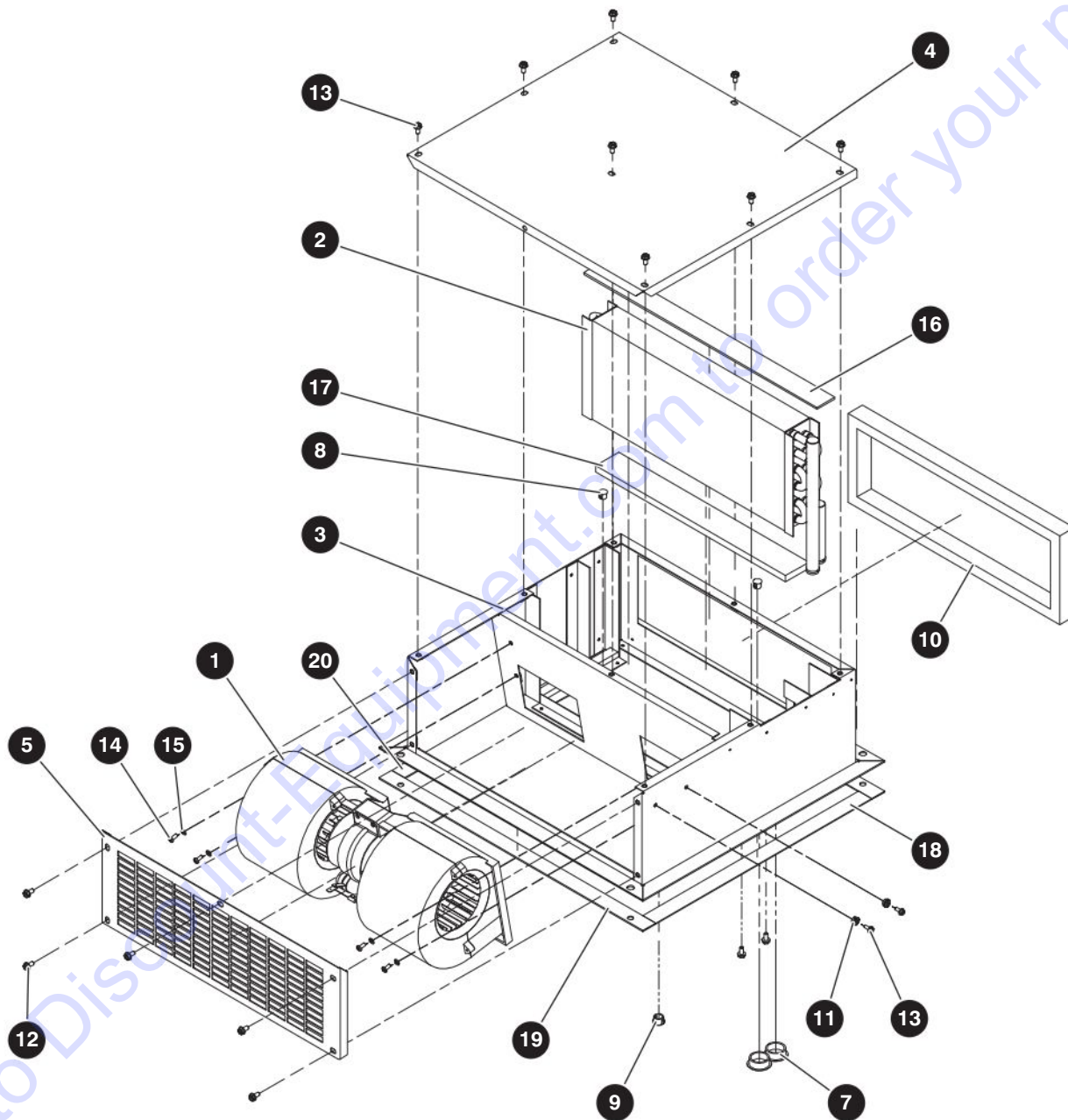
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SKYJACK

4.14 Cab Door

Index No.	Skyjack Part No.	Qty.	Description
-	205394	1	DOOR ASSEMBLY
1	191933	1	• SPACER, WINDOE HOLD-OPEN
2	205315	1	• WELDMENT, DOOR
3	205316	1	• WELDMENT, TOP HINGE DOOR
4	205317	1	• WELDMENT, BOTTOM DOOR HINGE
5	104000	1	• WASHER, LOCK 0.25
6	103999	4	• WASHER, LOCK 0.375
7	191686	2	• WASHER, FLAT 0.187 TYPE A, W SER
8	103472	1	• WASHER FLAT 0.375
9	126642	2	• NUT, LOCK 10-24 GR5 - NYL
10	191689	1	• BALL STUD
11	191691	1	• GAS SPRING, 20 PSI X 17.2" EXT STROKE
12	933627	1	• BOLT, HXHD M6 X 1 X 25MM GR8.8 ZN
13	138834	2	• SCREW, RND HD MACHINE 10-24 x 0.750
14	191699	2	• PIN, 0.313X2 WITH KEEPER
15	191542	4	• MSCR, 0.375-16 NC X 0.75 BH TORX
16	191701	1	• LATCH HANDLE, DLP LH
17	158705	3	• BOLT, FHCS 0.312-18 X 1.50 GR5
18	204285	96	• SEAL BUBBLE, PSA
19	191543	2	• MSCR, 0.312-18 NC X 1.25 TH TORX
20	191573	1	• MSCR, 0.312-18 NC X 1.25 TH TORX
21	191705	3	• WASHER, FENDER, 0.344 ID X 1.25
22	106049	2	• BOLT, CARRIAGE BOLT 0.313-18 x 1.25 GRD 5
23	191574	9	• NUT, HEX, 0.312 -18 NC FLANGED
24	191749	1	• STRAP, DOOR RESTRAINT
25	191668	1	• WINDOW, HOLD-OPEN
26	191704	1	• HANDLE, L-WINDOW STAY, 2-POS
27	191751	1	• HANDLE, OUTSIDE P/B KEY CODE 250
28	191750	2	• SPACER, SEAL GASKET
29	191921	1	• BUBBLE SEAL, 90, LOOP
30	191918	1	• BUMPER, NEOPRENE, 1" DIA
31	152246	1	• LBL, SQUEEZE TO OPEN CAB DOOR
32	224238	2	• FITTING, GREASE ZERK, M8X1 STRAIGHT
33	191512	1	• PLUG, HOLE, PLASTIC, 2.09 DIA
34	204283	4	• SPACER, NYLON
35	204284	2	• WASHER, FLAT, RUBBER EPDM
36	204275	1	• WINDOW, UPPER REAR DOOR
37	132565	2	• CAP, GREASE GC5
38	205375	1	• BUBBLE SEAL, DOOR
39	191946	1	• ASSEMBLY, DOOR WINDOW

4.15 Heater Unit Components



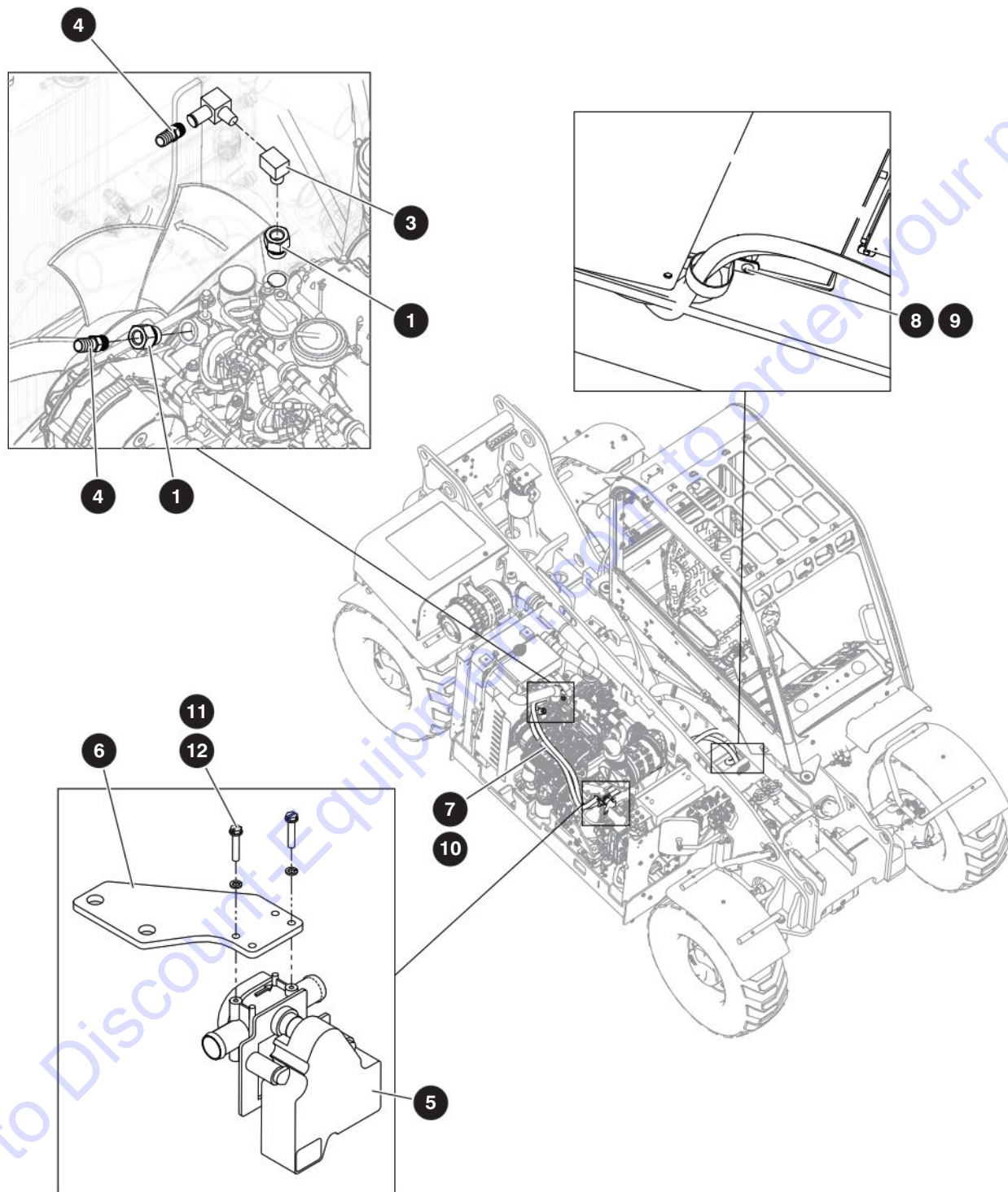
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4.15 Heater Unit Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-922749	1	• HEATER UNIT
1	9-197011	1	• BLOWER 12V
2	9-197012	1	• HEATER COIL
3	9-197013	1	• CASING
4	9-197014	1	• COVER
5	9-197015	1	• FRONT COVER
6	9-197016	1	• WIRING HS.(Not shown)
7	9-197017	2	• PLUG ,Snap-in hole 1"
8	9-197018	2	• PLUG, Hole 3/8"
9	9-197019	1	• PLUG, Hole 1/2"
10	9-197020	1	• CC FOAM 5/8"x1"; L=970
11	9-197021	2	• NUT, Lock #8-32
12	9-197022	15	• SCREW #10-32 x 3/8"
13	9-197023	2	• SCREW #8-32 x 3/8"
14	9-197024	4	• SCREW #8-32 x 3/8"
15	9-197025	4	• WASHER, Lock #8
16	9-197026	1	• FOAM 1/4"x1 1/4"; 415
17	9-197027	1	• FOAM 3/8"x1 5/8"; 338
18	9-197028	2	• FOAM 1/16x1";383.5 mm
19	9-197028	2	• FOAM 1/16"x1"; 470 mm
20	9-197029	1	• FOAM 3/16x1/2";390 mm

4.16 Heater Lines



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4.16 Heater Lines

Index No.	Skyjack Part No.	Qty.	Description
-	9-206681	1	HEATER LINES
1	9-191772	2	ADAPTER M22 x1-1/2" to 3/8" NPT with o-ring
2	9-102891	4	TIE-WRAP, 7-1/4" black
3	9-413158	2	FITTING, Elbow, 90° 3/8" brass
4	9-191771	2	FITTING, Hose 3/8" NPT, 5/8" hose
5	9-922724	1	VALVE, Heater, motorized
6	9-206984	1	PLATE, Heater valve mount
7	9-407024	19.7"	HOSE, 5/8" HEATER
8	9-143987	1	CLAMP - Loop #40 (Not shown)
9	9-170182	1	BOLT, Button head cap 3/8"-16 x 3/4" (Not shown)
10	9-163521	6	CLAMP, Hose 5/8"
11	9-112249	2	WASHER, Lock #8
12	9-224400	2	SCREW, Hex head tapping, 8-18 x 1/2" zinc plated
13	9-168707	1	CLAMP, Loop cushioned x 1 DIA (#16)

Section 5 – Electrical

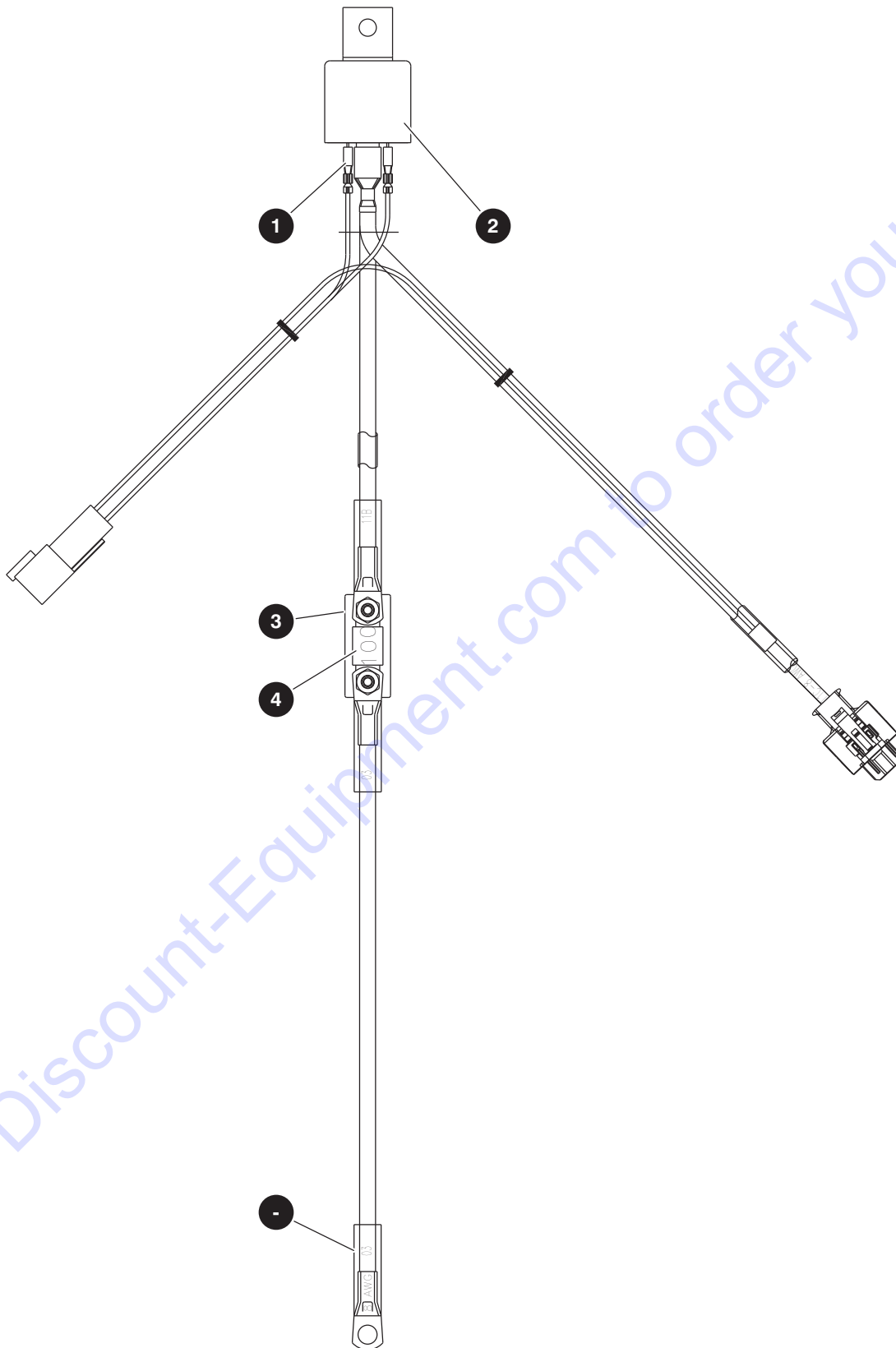
5.1 *Glow Plug Harness*

5.2 *Console Harness*

5.3 *Engine Harness*

5.4 *Battery Cables*

5.1 Glow Plug Harness



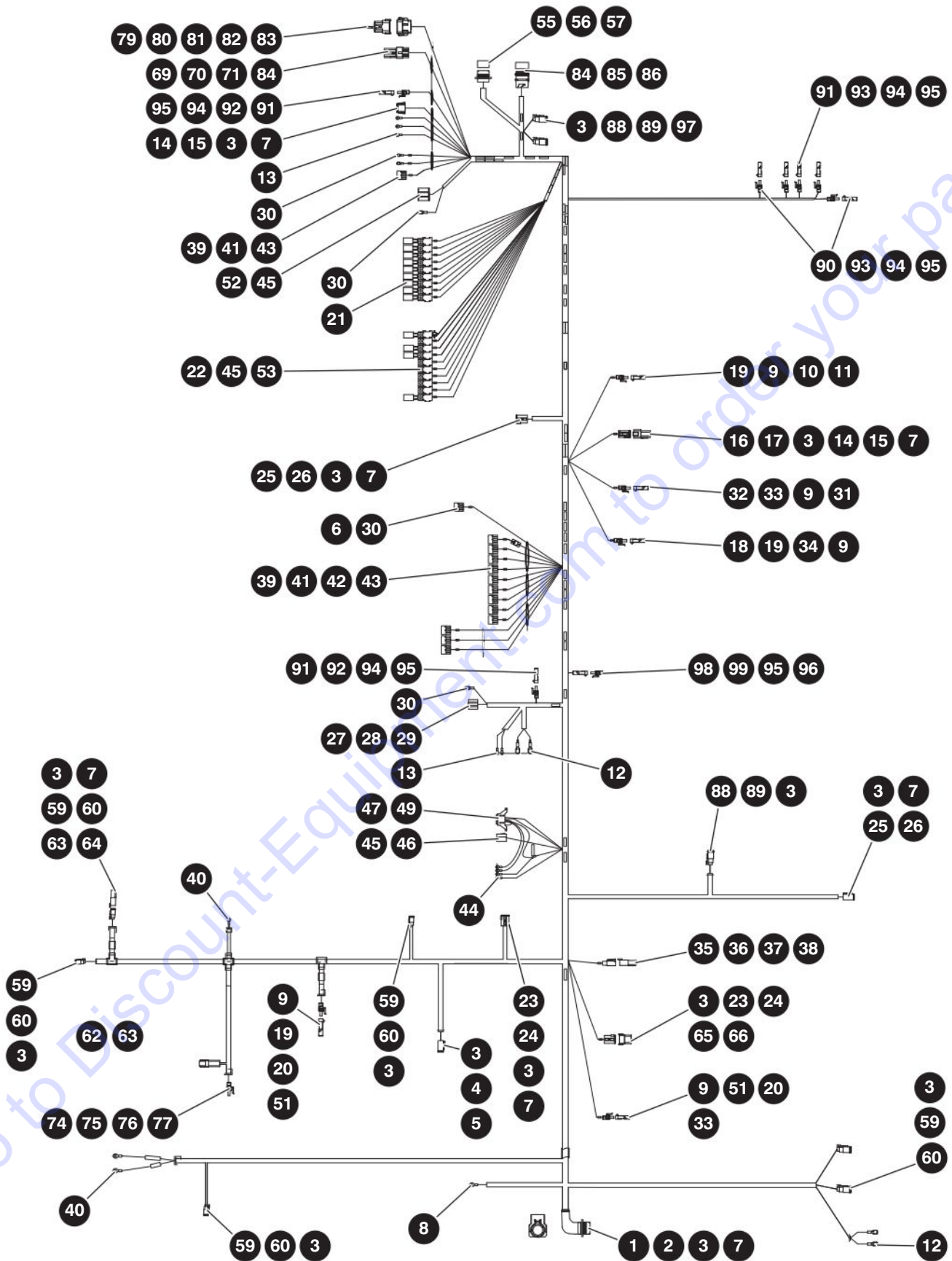
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5.1 Glow Plug Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-206143	1	GLOW PLUG HARNESS
1	9-206099	1	• HARNESS, Glow plug
2	9-165029	1	• RELAY, 150 A, 12V
3	9-165030	1	• FUSE HOLDER, IN LINE MIDI
4	9-165031	1	• FUSE, 100 A, Bolt down
5	9-206144	1	• WIRE ASSEMBLY, Glow plug

5.2 Console Harness



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84

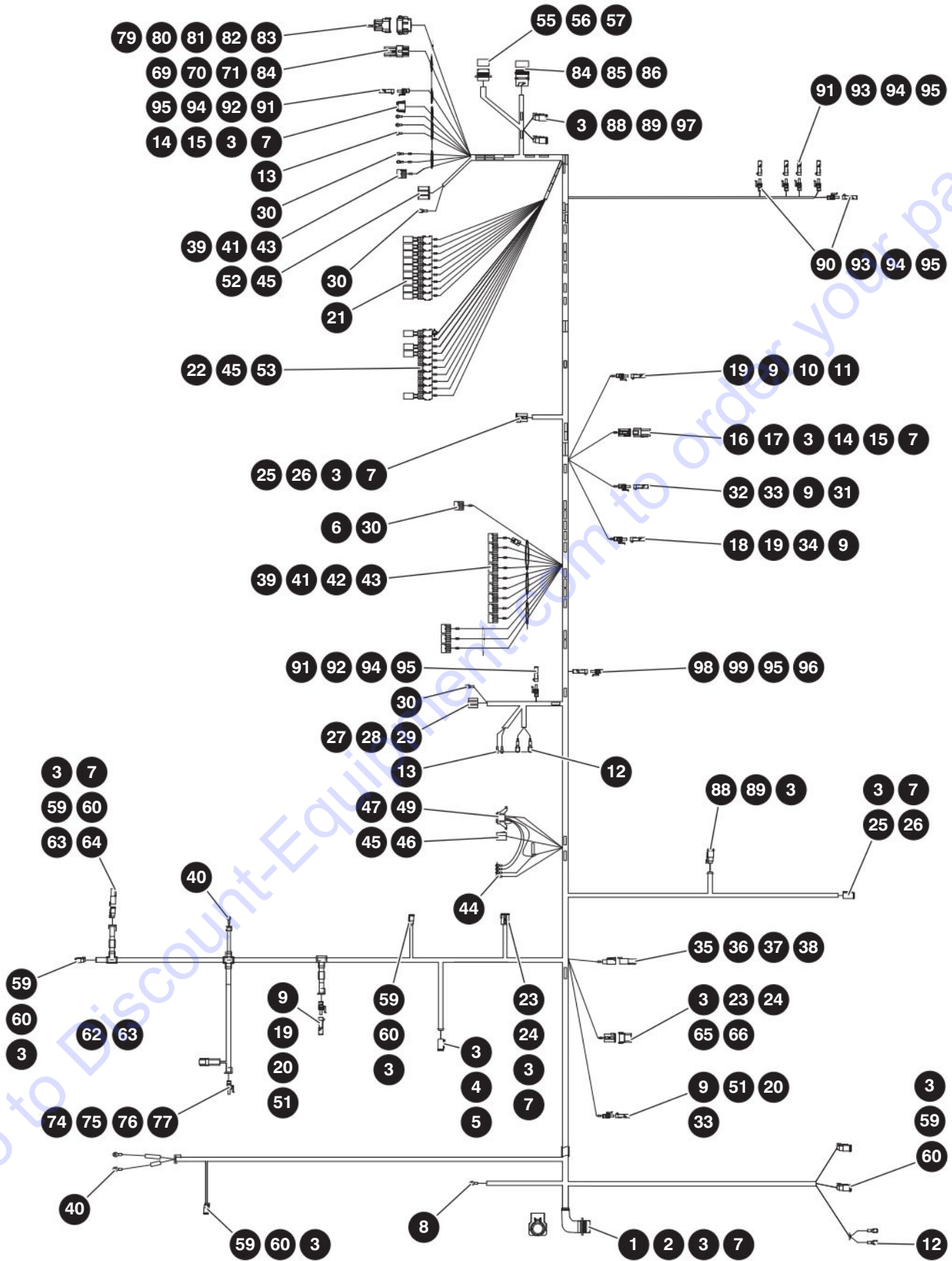
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5.2 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-206101	1	CONSOLE HARNESS
1	9-156190	1	• CONNECTOR ASSEMBLY 34F, HD34
2	9-156196	1	• STRAIN RELIEF, 90 DEG.
3	9-117591	86	• CONNECTOR -CONTACT SOCKET (16-18), SOLID
4	9-117579	1	• CONNECTOR PLUG 4F, DT
5	9-117581	1	• CONNECTOR PLUG 4 -PIN WEDGE, SOCKET
6	9-148973	1	• LIGHT INDICATOR 12V
7	9-117594	27	• CONNECTOR SEALING PLUG
8	9-156222	1	• TERMINAL, M10 RING (5.0 mm ²)
9	9-156104	15	• PLUG CAVITY 1W, 280 M/P & W/P
10	9-156106	1	• CONNECTOR 1M, W/P
11	9-156108	1	• CONNECTOR 1F, W/P
12	9-105359	6	• TERMINAL, FEMALE DISC. (14-16 GA) INSULATED BLUE
13	9-102936	7	• TERMINAL, 14-16AWG, #10 RING BLUE
14	9-117587	2	• CONNECTOR - PLUG 12-PIN
15	9-117589	2	• CONNECTOR - PLUG 12-PIN WEDGE
16	9-117586	1	• CONNECTOR RECEPTACLE 12-PIN
17	9-117588	1	• CONNECTOR RECEPTACLE 12-PIN WEDGE
18	9-156109	1	• CONNECTOR 4F, W/P
19	9-156137	5	• TERMINAL FEMALE SEALED (2.0-1.0 mm ²), W/P
20	9-124036	2	• ELECTRIC GOVERNOR CONNECTOR ASSEMBLY 2F, W/P
21	9-931298	12	• RELAY, MINI ISO
22	9-156166	19	• SOCKET, RELAY
23	9-117583	2	• CONNECTOR PLUG 8F, DT. ASSEMBLY
24	9-117585	2	• CONNECTOR PLUG 8-PIN WEDGE
25	9-156180	2	• CONNECTOR ASSEMBLY 6F, DT
26	9-156194	2	• WEDGE, PLUG
27	9-156101	1	• CONNECTOR 6F, 56 SERIES
28	9-156135	3	• TERMINAL FEMALE (2.0-1.0 mm ²), 56 SERIES
29	9-156136	2	• TERMINAL FEMALE (2x 2.0-1.0 mm ²), 56 SERIES
30	9-114595	4	• WIRE TERMINAL, FEMALE (22-18 GA) PINK
31	9-156113	1	• CONNECTOR 3M, W/P
32	9-156114	1	• CONNECTOR 3F, W/P
33	9-156138	2	• TERMINAL FEMALE SEALED (3.0-2.0 mm ²), W/P
34	9-156107	1	• CONNECTOR 4M,W/P
35	9-156157	1	• SOCKET (8-10 AWG), SOLID
36	9-156182	1	• CONNECTOR ASSEMBLY 1F, DTHD
37	9-156181	1	• CONNECTOR ASSEMBLY 1M, DTHD
38	9-156168	1	• PIN (8-10 AWG), SOLID
39	9-156162	13	• SOCKET, 10-WAY
40	9-156259	3	• TERMINAL, M10 RING(3.0-2.0 MM ^ 2)
41	9-164551	66	• CAVITY PLUG 5.4MM , MCP
42	9-156173	6	• TERMINAL FEMALE (2.5-1.5 mm ²), JPT
43	9-156174	58	• TERMINAL FEMALE (1.0-0.5 mm ²), JPT
44	9-156215	4	• TERMINAL, M5 RING (5.0 mm ²)
45	9-126808	29	• TERMINAL 14-18 FEMALE (2.0-0.8 mm ²),
46	9-156160	1	• CONNECTOR 2F, AMP
47	9-156102	25	• TERMINAL FEMALE (5.0-3.0 mm ²), PACK-CON
48	9-156103	5	• FUSEBLOCK
49	9-156110	21	• TERMINAL FEMALE (2.0-1.0 mm ²), PACK-CON

5.2 Console Harness



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86

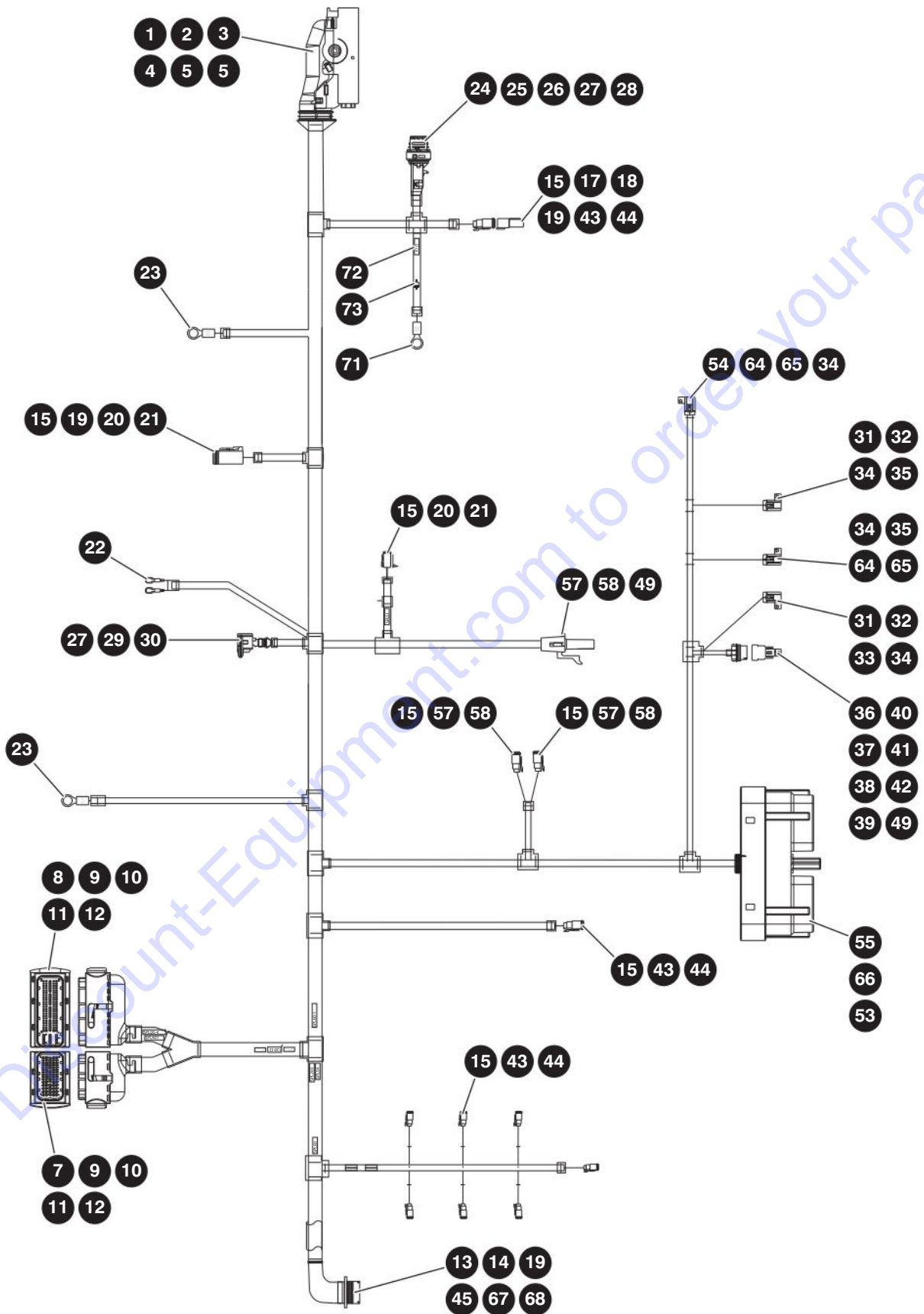
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SKYJACK

5.2 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
50	9-156202	4	• FUSE, ATO, 5A
51	9-156105	3	• CONNECTOR 2M, W/P
52	9-156165	1	• SOCKET, RELAY
53	9-199144	43	• TERMINAL, 0.187 SRS FASTIN-ON RCPT PH-BR
54	9-156203	4	• FUSE, ATO, 10A
55	9-164860	1	• CONNECTOR ASSEMBLY, 12F CANNON TRIDENT
56	9-164861	1	• CABLE CLAMP, CANNON TRIDENT
57	9-164862	4	• TERMINAL FEMALE, 18-16GA GOLD CANNON TRIDENT
58	9-156204	1	• FUSE, ATO, 15A
59	9-117597	7	• CONNECTOR ASSEMBLY 2F, DT
60	9-117599	7	• CONNECTOR PLUG 2 PIN WEDGE
61	9-921734	1	• POWER RELAY W/DIODES
62	9-156155	4	• PIN(16-20 AWG), SOLID
63	9-117596	3	• CONNECTOR RECEPTICAL 2M,DT
64	9-117598	3	• CONNECTOR RECEPTICAL 2PIN WEDGE
65	9-117584	1	• CONNECTOR RECEPTICAL 8 PIN WEDGE
66	9-117582	1	• CONNECTOR RECEPTICAL 8 PIN , DT
67	9-117593	2	• CONNECTOR CONTACT SOCKET (14-16AWG)
68	9-121504	1	• FUSE, 20A AMP
69	9-206489	1	• CONNECTOR, PLUG - 4 POLE MLX
70	9-209315	3	• MALE TERMINAL 0.062 PIN
71	9-206490	1	• CONNECTOR, RECEPTICLE - 4 POLE MLX
72	9-209316	2	• FEMALE TERMINAL 0.062 PIN
73	9-206850	1	• FUSE, AUTOMOTIVE, 40A 32VDC BLADE
74	9-206741	1	• CONNECTOR, AUTO., 2 PIN FEMALE 30 AMPS
75	9-206745	1	• LOCK, 280 SERIES METRI-PACK CONNECTOR
76	9-206744	2	• RECEPTACLE, TIN CBL RANGE 3.80 - 2.45 MM
77	9-206746	2	• SEAL, CABLE, METRI-PACK
78	9-129258	1	• DIODE 1N007
79	9-220611	1	• CONNECTOR, DEUTSCH DTM06-12S
80	9-220612	1	• CONNECTOR, DEUTSCH DTM06 WEDGE
81	9-220613	8	• CONNECTOR, CONTACT SOCKET NO.20
82	9-156152	4	• SEALING PLUG, DEC SERIES
83	9-221144	1	• HARNESS, TRACK UNIT BYPASS
84	9-105360	1	• TERMINAL, MALE 14-16GA X 1/4 FULL INSL.
85	9-216772	1	• CONNECTOR, RECEPTACLE - 1939P
86	9-216773	1	• PROTECTIVE CAP, RECEPTACLE - HD10
87	9-117592	6	• CONNECTOR CONTACT PIN 14-16 (MALE)
88	9-198639	1	• CAN CONNECTOR 3 PIN-PLUG
89	9-198640	1	• WEDGE LOCK
90	9-206920	2	• DIODE ASSEMBLY, 3 PIN
91	9-206921	5	• DIODE ASSEMBLY, 2 PIN
92	9-206922	5	• CONNECTOR, FEMALE, 2 PIN WEATHER PACK
93	9-206923	2	• CONNECTOR, FEMALE, 3 PIN WEATHER PACK
94	9-206924	16	• TERMINAL, FEMALE 14-16AWG, WEATHER PACK
95	9-206925	18	• SEAL, CABLE, WEATHER PACK
96	9-224185	1	• RESISTOR ASSEMBLY, 2 PIN
97	9-206927	2	• RESISTOR, TERMINATING
98	9-932899	1	• CONNECTOR
99	9-932897	2	• MALE PIN

5.3 Engine Harness



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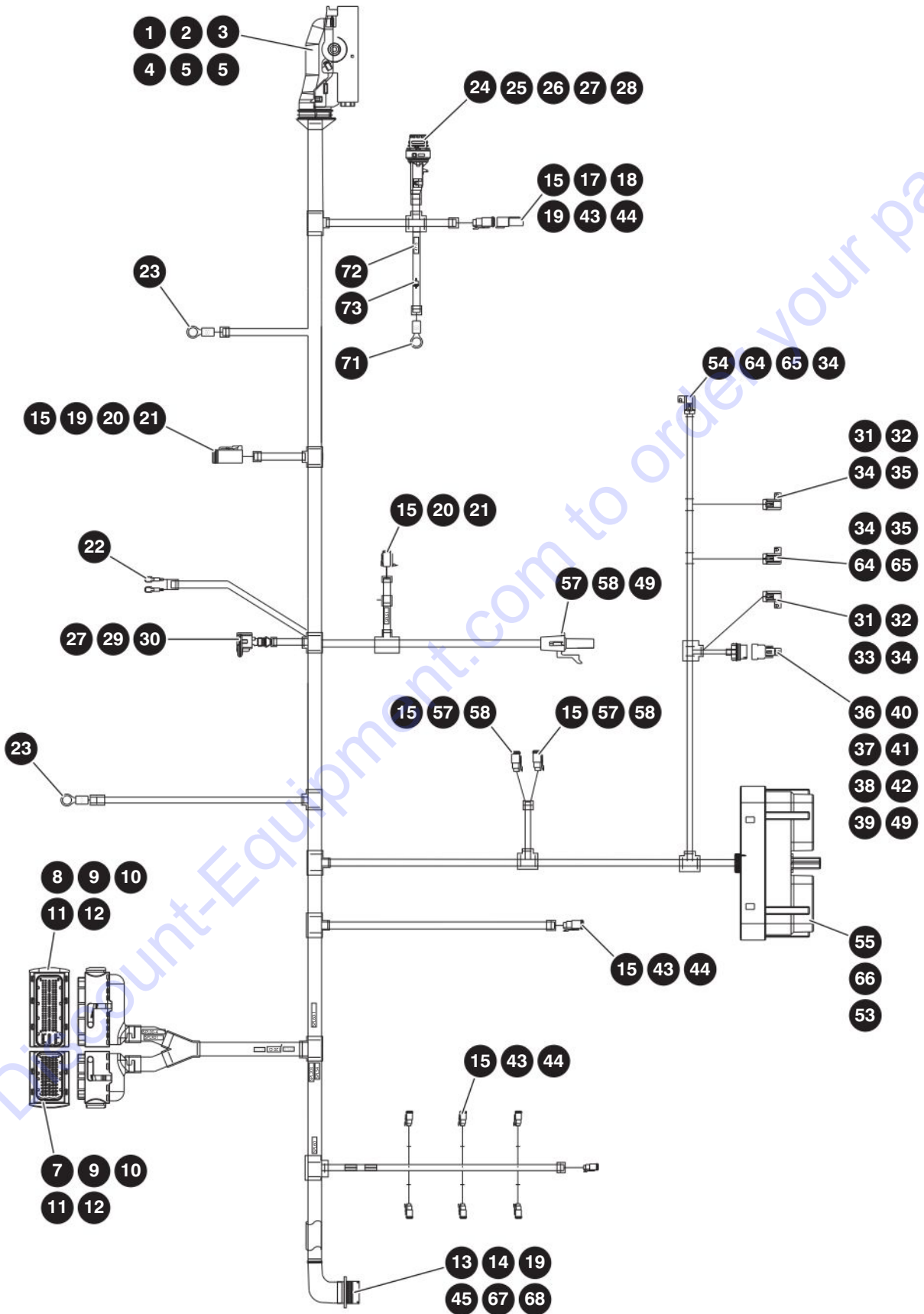
Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part 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.

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5.3 Engine Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-206102	1	ENGINE HARNESS
1	9-156189	1	• CONNECTOR ASSEMBLY 34M, HD34
2	9-164573	1	• WIRE SEAL YELLOW (2.7-3.0mm), JPT/MCP
3	9-190372	30	• WIRE SEAL
4	9-191046	26	• PIN, 1.00 - 2.50MM2
5	9-117594	2	• CAVITY PLUG
6	9-206096	2	• FUSE ,ATC,3A
7	9-206094	1	• CONNECTOR,40PIN PLUG-DT
8	9-156114	1	• CONNECTOR ,3PIN-W/P
9	9-156137	41	• TERMINAL FEMALE SEALED (2.0-1.0 MM2),W/P
10	9-206108	14	• CONNECTOR ,25 PIN-AMP
11	9-138832	79	• CONTACT-AMPSEAL
12	9-206110	14	• PLUG,AMPSEAL CAVITY
13	9-157850	1	• CONNECTOR 2F, 630 M/P FUSE HOLDER
14	9-157851	1	• TERM FEMALE 2-1.0 MM2 640 M/P PULL TO SEAT
15	9-156159	34	• SOCKET (16-20 AWG), FORMED
16	9-206845	2	• NUT, PANEL, SIZE 24 HD SERIES
17	9-206846	1	• WASHER, LOCK, SIZE 24 HD SERIES
18	9-198639	2	• CAN CONNECTOR 2 PIN - PLUG
19	9-198640	6	• WEDGE LOCK
20	9-134493	2	• TERMINAL, 1/4" RING VINYL-INS RED (22-26)
21	9-220147	2	• RESISTOR, 47 OHM 5 WATT
22	9-102921	2	• DIODE
23	9-164564	2	• CAVITY PLUG, MQS
24	9-117581	1	• CONNECTOR PLUG 4-PIN WEDGE
25	9-164563	1	• CAVITY PLUG, MQS
26	9-156164	3	• FUSE, ATC, 30A
27	9-117579	5	• CONNECTOR PLUG 4-PIN
28	9-164544	1	• CONNECTOR ASSEMBLY 62F, AMP MCP
29	9-164549	1	• TERMINAL FEMALE (2.5-1.0mm ²), MCP
30	9-164550	2	• WIRE SEAL WHITE (2.2-3.0mm), MCP
31	9-164548	2	• CAVITY PLUG 3.6mm, MCP
32	9-164551	4	• CAVITY PLUG 5.4mm, MCP
33	9-164556	1	• CONNECTOR ASSEMBLY 60F, AMP MQS
34	9-164567	4	• CONNECTOR ASSEMBLY 94F, AMP MQS+MCP
35	9-164561	2	• TERMINAL FEMALE (0.75-0.5 mm ²), MQS
36	9-164562	1	• TERMINAL FEMALE (1.5-0.75mm ²), MQS
37	9-156174	1	• TERMINAL FEMALE (1.0-0.5 mm ²), JPT
38	9-156196	1	• STRAIN RELIEF, 90 DEG
39	9-164545	2	• COVER, 62 PIN CONNECTOR
40	9-156222	2	• TERMINAL, M10 RING (5.0 mm ²)
41	9-164579	2	• CONNECTOR 4F, 2.5mm CIRCULAR
42	9-164546	1	• TERMINAL FEMALE (1.0-0.5mm ²), MCP
43	9-164547	9	• WIRE SEAL GREY (1.4-1.9mm), MCP
44	9-164580	9	• STRAIN RELIEF, STRAIGHT
45	9-164581	25	• TERMINAL FEMALE (1.0-0.5mm ²), 2.5mm CIRC.
46	9-164578	1	• WIRE SEAL (1.2-2.1mm), LT. BLUE
47	9-156172	2	• CAVITY PLUG, JPT

5.3 Engine Harness

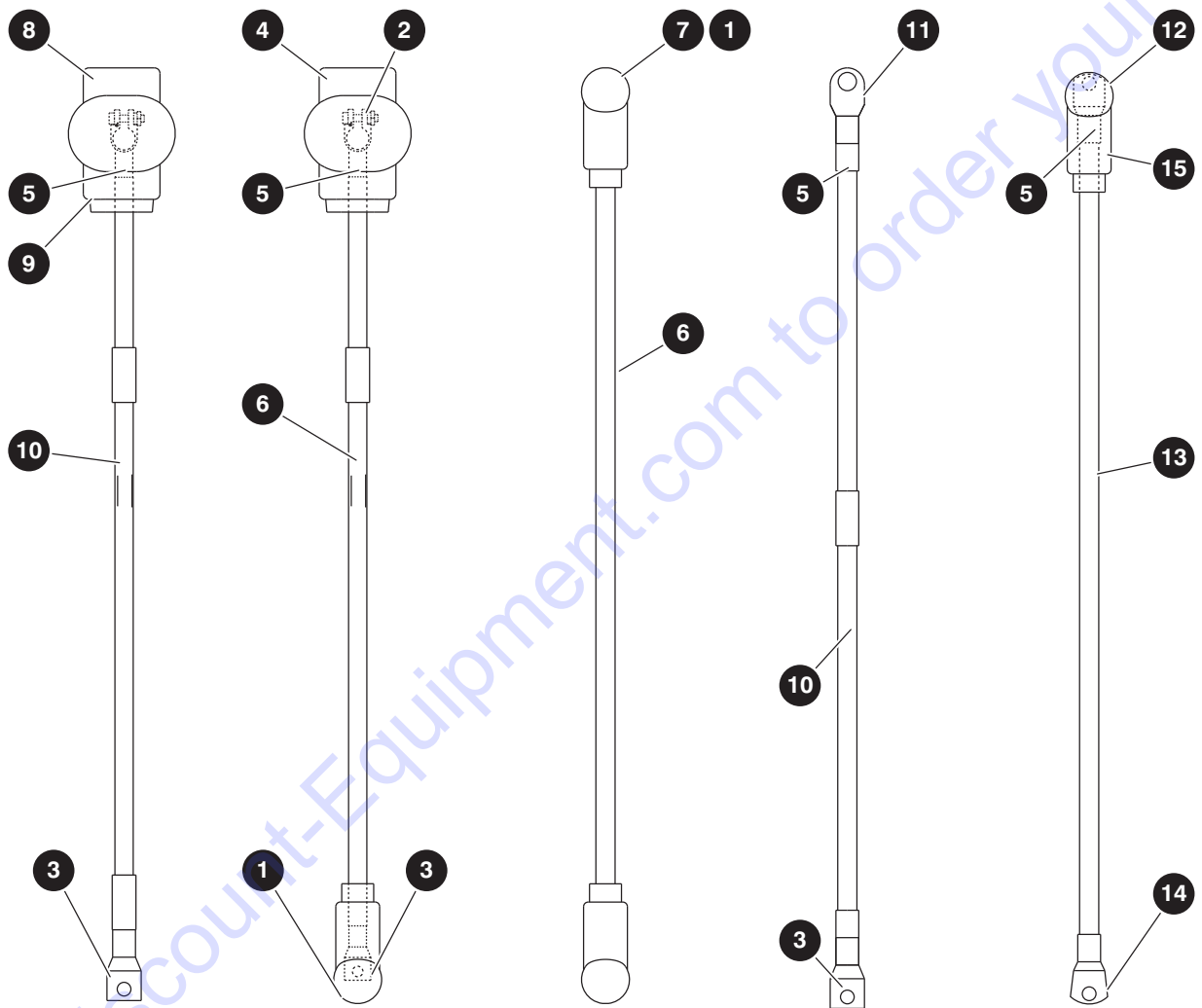


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5.3 Engine Harness

Index No.	Skyjack Part No.	Qty.	Description
48	9-156163	6	• CONNECTOR ASSEMBLY 2F, AMP
49	9-164572	7	• TERMINAL FEMALE (2.5-1.0mm ²), MCP2.8
50	9-117594	1	• CONNECTOR SEALING PLUG
51	9-156118	-	• TERMINAL FEMALE (5.0-3.0 mm ²), 630 M/P PULL-TO-SEAT
52	9-156127	4	• CONNECTOR 2F, 630 M/P FUSE HOLDER
53	9-117591	19	• CONNECTOR CONTACT SOCKET 16-18
54	9-156117	1	• COVER, INLINE AUTOFUZE
55	9-105359	1	• TERMINAL, FEMALE DISCONNECT FULLY NYLON-INS
56	9-163021	-	• RESISTOR
57	9-117596	1	• CONNECTOR, RECEPTACLE 2-PIN
58	9-117598	3	• WEDGE, PIN W2P
59	9-156104	1	• PLUG CAVITY 1W, 280 M/P & W/P
60	9-156132	5	• CONNECTOR 5F, 280 M/P
61	9-156133	18	• TPA, 5W 280 M/P
62	9-156134	-	• TERMINAL FEMALE SEALED (5.0-3.0 mm ²), 280M/P TANGLESS
63	9-156142	-	• TERMINAL FEMALE SEALED (2.0-1.0 mm ²), 280 M/P TANGLESS
64	9-156147	2	• WIRE SEAL GRAY (3.5-2.8 mm), 280 M/P
65	9-121504	4	• FUSE, ATC, 20A
66	9-156200	1	• RELAY
67	9-117597	1	• CONNECTOR, PLUG 2-PIN
68	9-117599	1	• WEDGE, SOCKET
69	9-117590	2	• CONNECTOR - CONTACT PIN 16-18
70	9-156105	2	• CONNECTOR 2M, W/P
71	9-156137	1	• TERMINAL FEMALE SEALED (2.0-1.0 mm ²), W/P
72	9-124036	1	• CONNECTOR 2F, W/P
73	9-124369	1	• WIRE SEAL GREEN (2.9-2.0 mm), 280 M/P

5.4 Battery Cables



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5.4 Battery Cables

Index No.	Skyjack Part No.	Qty.	Description
A	9-206824	1	CABLE ASSEMBLY, #2/0 3/8" X48"X5/16" (+B,03)
B	9-206815	1	CABLE ASSEMBLY, #2/0 3/8"X42"X3/8"(03,03)
C	9-204063		CABLE ASSEMBLY, #2/0 POSTS 5/16"X26"X3/8"
D	9-206813		CABLE ASSEMBLY, #2/0 3/8"X40"X1/2"
E	9-206816		CABLE ALTERNATOR
1	9-139105	1	TERMINAL BOOT - #2/0 RED (5737-005R) - A
		2	TERMINAL BOOT - #2/0 RED (5737-005R) - B
2	9-139030	1	CLAMP - BATTERY POST #2/0 POSITIVE - A
3	9-139034	1	TERMINAL - #2/0 3/8" DIA - A, C, D
4	9-191821	1	TERMINAL PROTECTOR, MILITARY STYLE RED - A
5	9-139035	4.5	HEAT SHRINK - 1" DIA CLEAR - A, C, D, E
6	9-139028	47"	CABLE #2/0 RED (RAW MATERIAL) - A
		42"	CABLE #2/0 RED (RAW MATERIAL) - B
7	9-209026	2	TERMINAL - #2/0 3/8" DIA ROUND LUG - B
8	9-221807	1	TERMINAL, Battery post #2/0 negative - C
9	9-191822	1	TERMINAL, Protector, military style black - C
10	9-139029	26"	CABLE #2/0 BLACK - C
-	9-139029	38'	CABLE #2/0 BLACK - D
11	9-163811	1	TERMINAL - RING#2 WIRE 1/2" STUD - D
12	9-115236	1	TERMINAL, 6GA*5/16 - E
13	9-103147	46"	CABLE, #6GA - E
14	9-102947	1	TERMINAL 6GA*3/8 - E
15	9-117696	1	TERMINAL BOOT - #4AWG - E
16	9-125959	2	WASHER, Flat 3/8" hard (Not Shown)
17	9-103978	1	NUT, Hex 3/8"-16 Gr 5 (Not Shown)

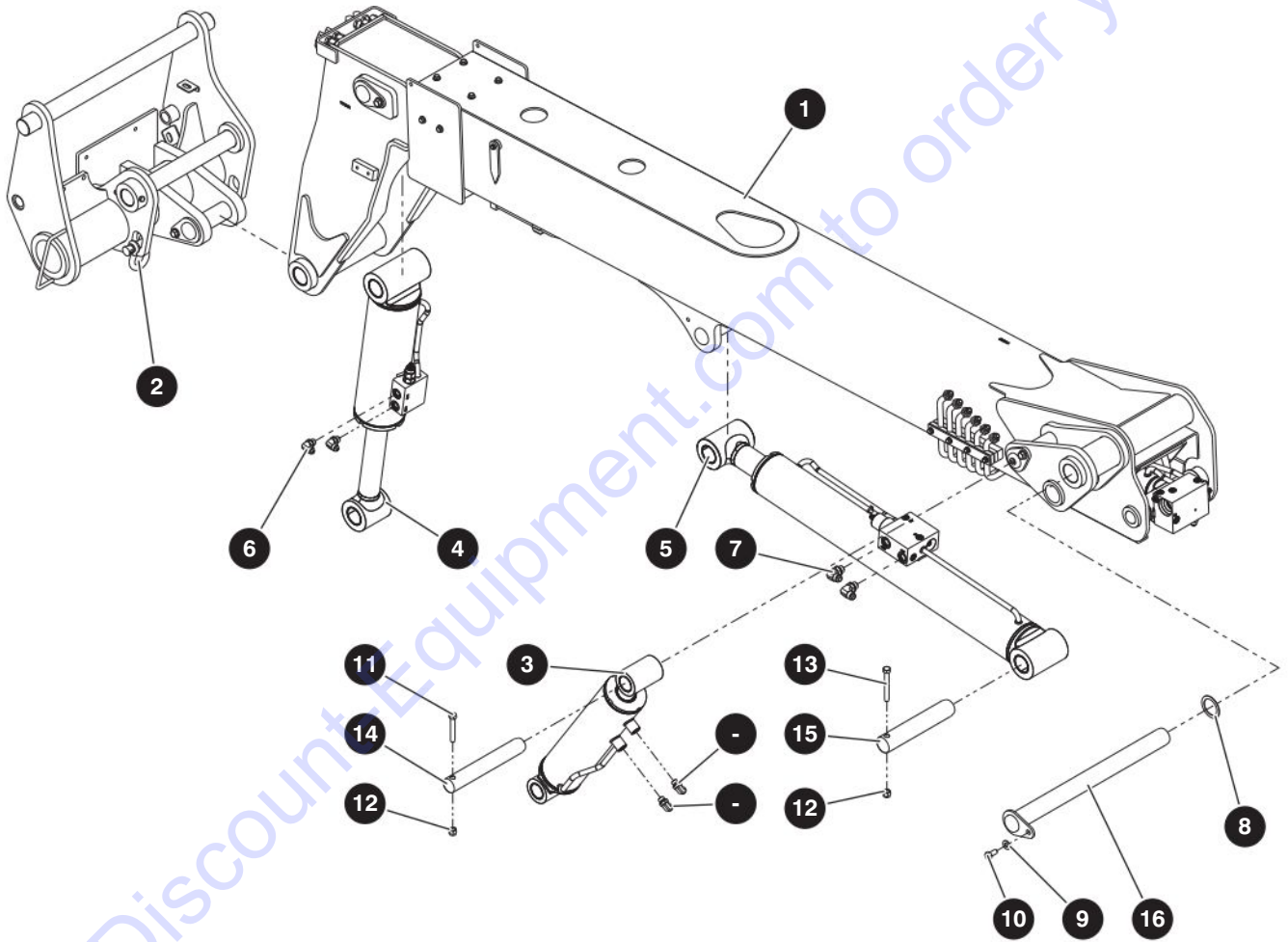
Section 6 – Boom

6.1 *Boom Components*

6.2 *Boom Components*

6.3 *Boom Sub-carriage*

6.1 Boom Components



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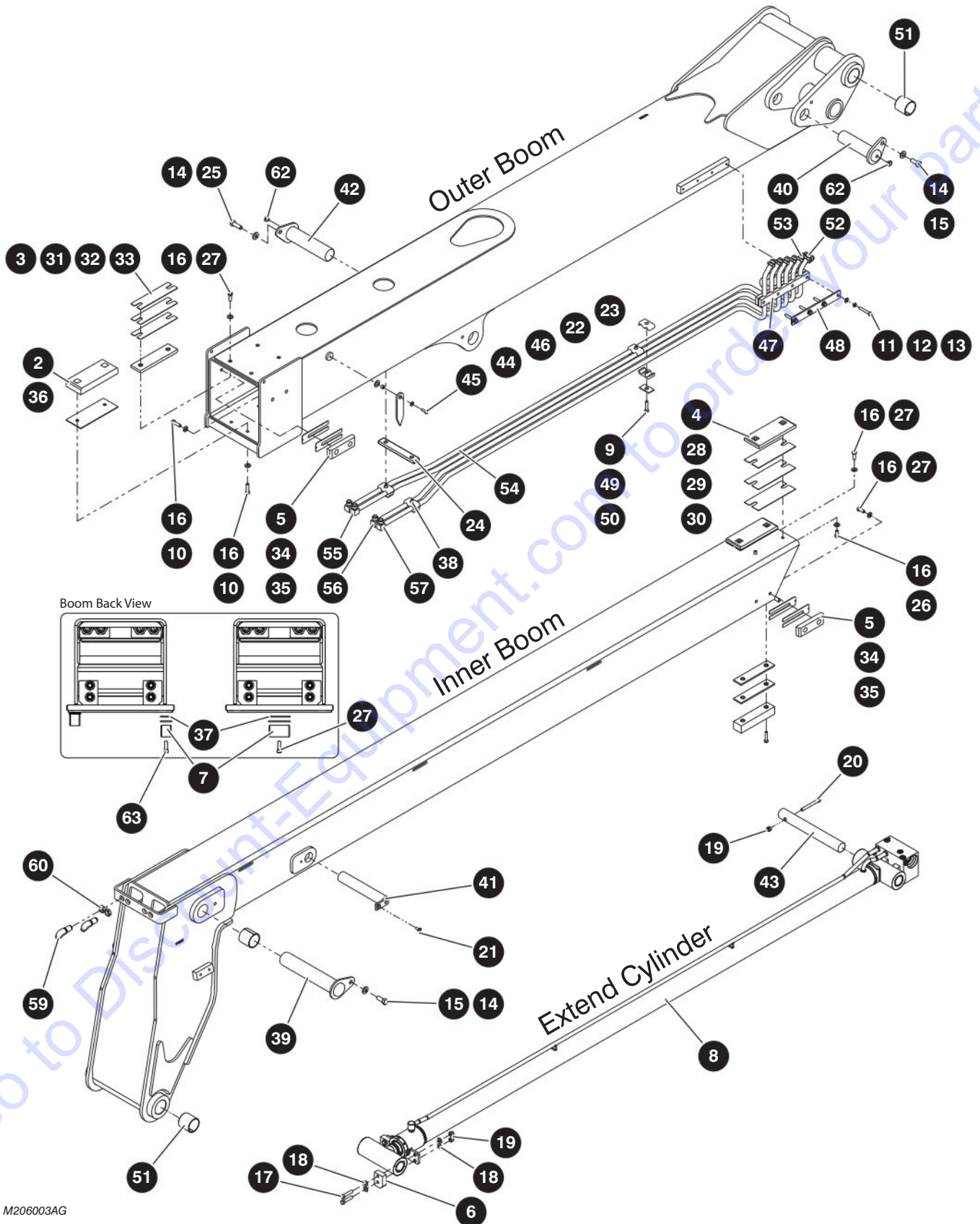
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SJ519 TH

6.1 Boom Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-206002	1	BOOM
1	9-206003	1	• BOOM, 519
2	9-206004	1	• SUB-CARRIAGE, SJ519 TH
3	9-205961	1	• CYLINDER, Tilt compensation SJ519 TH
4	9-206945	1	• CYLINDER, Fork tilt SJ519 TH
5	9-206943	1	• CYLINDER, Lift
6	9-114583	4	• FITTING, 90° (08 JICM - 08 ORBM)
7	9-135091	2	• FITTING, 90° (10 JICM - 10 ORBM)
8	9-931602	2	• WASHER, Thrust - 2" ID x 2.74" OD x 1/16"
9	9-104379	1	• WASHER, Flat 1/4" Hard
10	9-139005	1	• BOLT, Hex head patch 1/2"-13 x 1" Gr. 5
11	9-103469	1	• BOLT, Hex Head 1/2"-13 x 3-1/4" Gr. 5
12	9-702507	2	• NUT, Lock with nylon insert 1/4"-13 Gr. C
13	9-127060	1	• BOLT, Hex Head 1/2"-13 x 4" Gr. 5
14	9-206106	1	• PIN, 1-3/4" OD x 11-1/2" long
15	9-206107	1	• PIN, 2" DIA x 10-9/16" long
16	9-206104	1	• PIN, 2" DIA x 24-5/16" long

6.2 Boom Components



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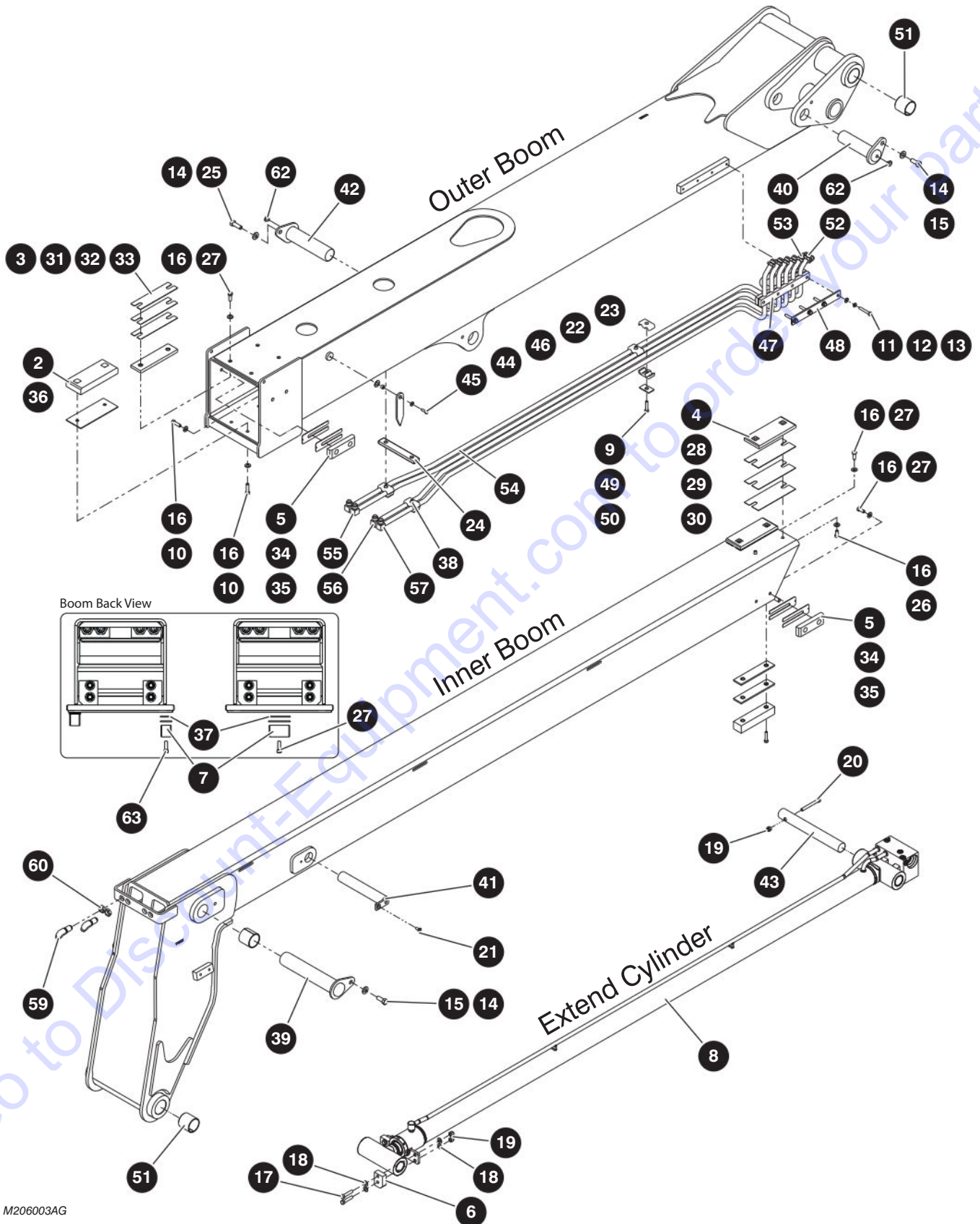
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SJ519 TH

6.2 Boom Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-206003	1	BOOM ASSEMBLY
1	9-206005	1	• BOOM, SJ519 TH
	9-206006		• • WELDMENT, Outer boom
	9-206007		• • WELDMENT, Inner boom
2	9-230412	2	• WEAR PAD, Black 26 x 75 x 190
3	9-191268	2	• WEAR PAD, Black 12 x 50 x 190
4	9-191270	2	• WEAR PAD, Black 12 x 75 x 190
5	9-205965	4	• PAD, WEAR (5" x 1-1/2" x 3/4")
6	9-205968	2	• WEAR PAD, Support
7	9-205979	1	• PAD, Wear (6.7" x 2.75" x 1.188") (for serial number 87510333 and below)
-	9-205979	1	• PAD, Wear (6.7" x 7/8" x 1") (for serial number 87510334 and above)
8	9-224199	1	• CYLINDER, Extend - SJ519 TH
9	9-103886	3	• BOLT, Hex Head 5/16"-18 x 1-1/2" Gr. 5
10	9-117430	8	• BOLT, Hex Head 3/8"-16 x 1-1/4" Gr. 8
11	9-103404	4	• WASHER, Lock 5/16"
12	9-103996	4	• WASHER, Flat 5/16"
13	9-103865	4	• BOLT, Hex head zinc plated (1/32"-18 x 2" Gr. 5)
14	9-104379	3	• WASHER, Flat 1/4" Hard
15	9-169942	2	• BOLT, Hex Head 1/2"-13 x 1-1/4" Gr. 8 zinc plated
16	9-125959	20	• WASHER, Flat 3/8" hard
17	9-103871	4	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 5
18	9-103472	8	• WASHER, Flat 3/8"
19	9-104606	5	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
20	9-103916	1	• BOLT, Hex Head 3/8"-16 x 3-1/4" Gr. 5
21	9-704642	1	• SCREW, Flat head cap 5/16"-18 x 3/4", Gr. 5
22	9-103995	1	• WASHER, Flat 1/4"
23	9-103891	1	• BOLT, Hex head 1/4"-20 x 7/8" Gr. 5
24	9-226343	1	• PLATE, Spacer, hydraulic lines
25	9-144713	1	• BOLT, Hex head 1/2"-13 x 1-1/2" Gr. 5
26	9-158488	4	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 8
27	9-125741	8	• BOLT, Hex head 3/8"-16 x 7/8" Gr. 8
28	9-920273	2	• PLATE SHIM
29	9-920274	2	• PLATE SHIM
30	9-930195	2	• PLATE SHIM
31	9-926177	2	• PLATE SHIM
32	9-926942	2	• PLATE SHIM
33	9-927040	2	• PLATE SHIM
34	9-148838	4	• SHIM, 20 Gauge (1-1/2" x 5-1/4")
35	9-148837	4	• SHIM, 16 Gauge (1-1/2" x 5-1/4")
36	9-190873	2	• PLATE, Spacer 12GA
37	9-206116	2	• SHIM, 16 Gauge - 6-15/16" x 2.76 (for serial number 87510333 and below)
-	9-236258	2	• SHIM, 16 Gauge - 6-3/4" x 1" (for serial number 87510334 and above)
38	9-103885	2	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
39	9-205975	1	• PIN, 2" DIA x 11-1/4" long
40	9-205257	1	• PIN, 1-3/4" DIA x 7.138" long
41	9-205985	1	• PIN, 1-1/2" DIA x 8.786" long
42	9-205977	1	• PIN, 2" DIA x 8-3/8" long

6.2 Boom Components



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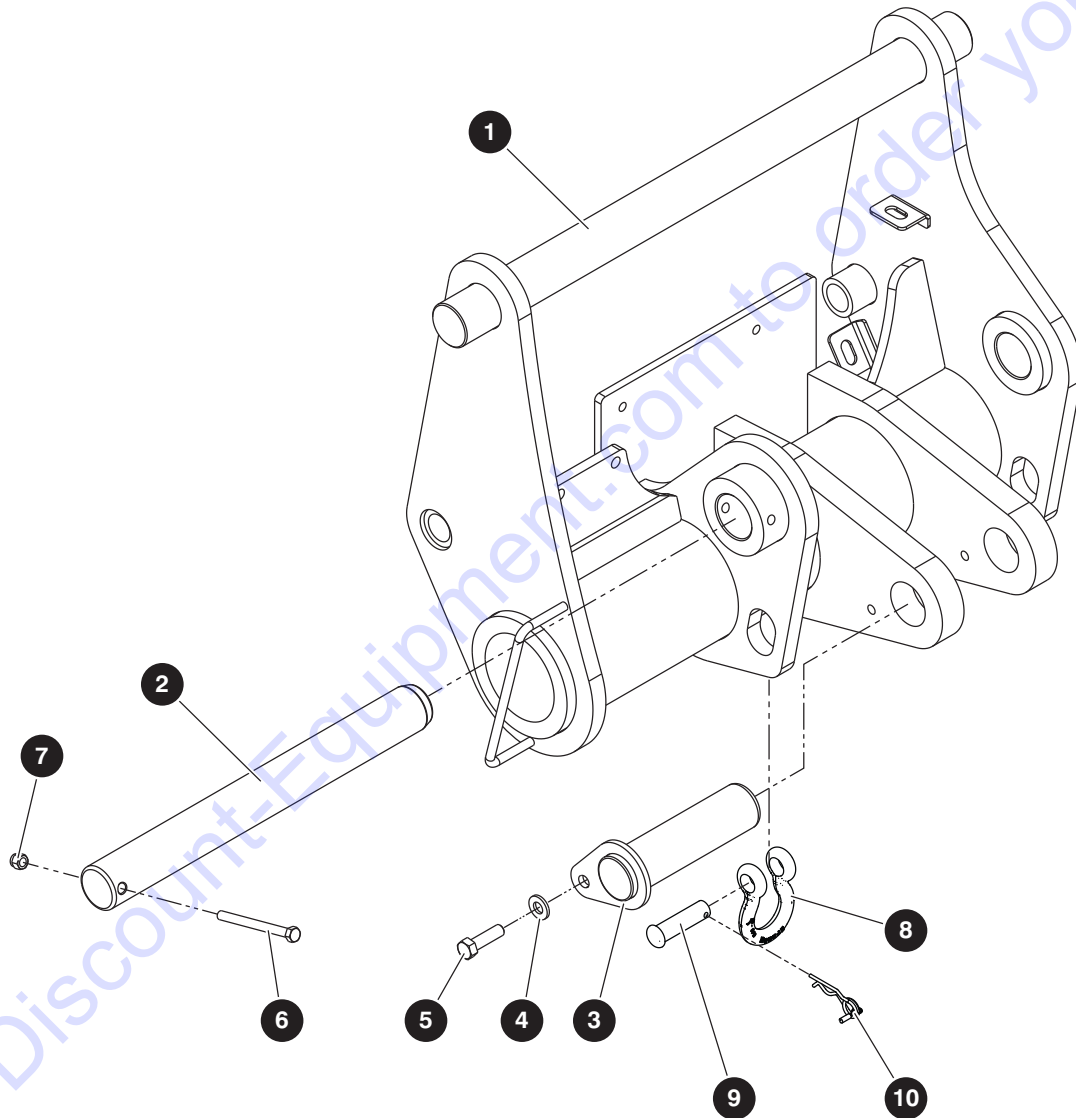
SJ519 TH

SKYJACK

6.2 Boom Components

Index No.	Skyjack Part No.	Qty.	Description
43	9-205248	1	• PIN, 1-1/2" DIA x 12-1/4" long
44	9-191841	1	• SPACER, 17/32" ID x 1" OD x 22 GA GALV
45	9-190545	1	• SPACER, SS 1/2 OD x 5/16" long x 1/4" ID
46	9-190019	1	• PLATE, Angle indicator
47	9-205263	1	• CLAMP, Tube - uhmw
48	9-205262	1	• PLATE, Clamp
49	9-205458	5	• CLAMP, Hose 5/8" tube
50	9-932668	5	• COVER PLATE
51	9-148817	4	• BUSHING - CJS 3232 (2.00" x 2.00" long)
52	9-205816	1	• TUBE, Pressure 5/8" OD x .083 wall
53	9-205817	1	• TUBE, Pressure 5/8" OD x .083 wall
54	9-205818	1	• TUBE, Pressure 5/8" OD x .083 wall
55	9-205819	1	• TUBE, Pressure 5/8" OD x .083 wall
56	9-205820	1	• TUBE, Pressure 5/8" OD x .083 wall
57	9-205821	1	• TUBE, Pressure 5/8" OD x .083 wall
58	9-205980	2	• HOSE, Twin 08 JIC x 230.75" long (not shown)
59	9-154241	4	• FITTING, 90° Bulkhead (08 JICM - 08 JICM)
60	9-154242	4	• NUT, Bulkhead - 08 JIC
61	9-103071	2	• FITTING, Straight (08 JICM - 10 ORBM)
62	9-197449	2	• PLUG, 1/2" wide flange
63	9-151595	4	SCREW, Socket Head Cap 1/4"-20 x 3/4" zinc plated

6.3 Boom Sub-carriage



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6.3 Boom Sub-carriage

Index No.	Skyjack Part No.	Qty.	Description
-	206004	1	SUB-CARRIAGE
1	9-206008	1	• SUB-CARRIAGE, SJ519 TH
2	9-205835	1	• PIN, 2" DIA x 18.625" long
3	9-205281	1	• PIN, 2" DIA x 7-9/16" long
4	9-104379	1	• WASHER, Flat 1/4" Hard
5	9-207653	1	• BOLT, Hex head 1/2"-13 x 1-3/4" Gr. 8
6	9-159859	1	• BOLT, Hex Head 3/8"-16 X 4-1/4" Gr. 8
7	9-104606	1	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
-	9-230415	1	• SHACKLE, 5/8" - 3.25 Ton
8	9-230418	1	• • SHACKLE, 5/8" - 3.25T
9	9-230419	1	• • ROUND PIN / SHACKLE 3.25T
10	9-224408	1	• PIN, locking with lanyard

Section 7 – Cylinders

7.1 Fork Tilt Cylinder

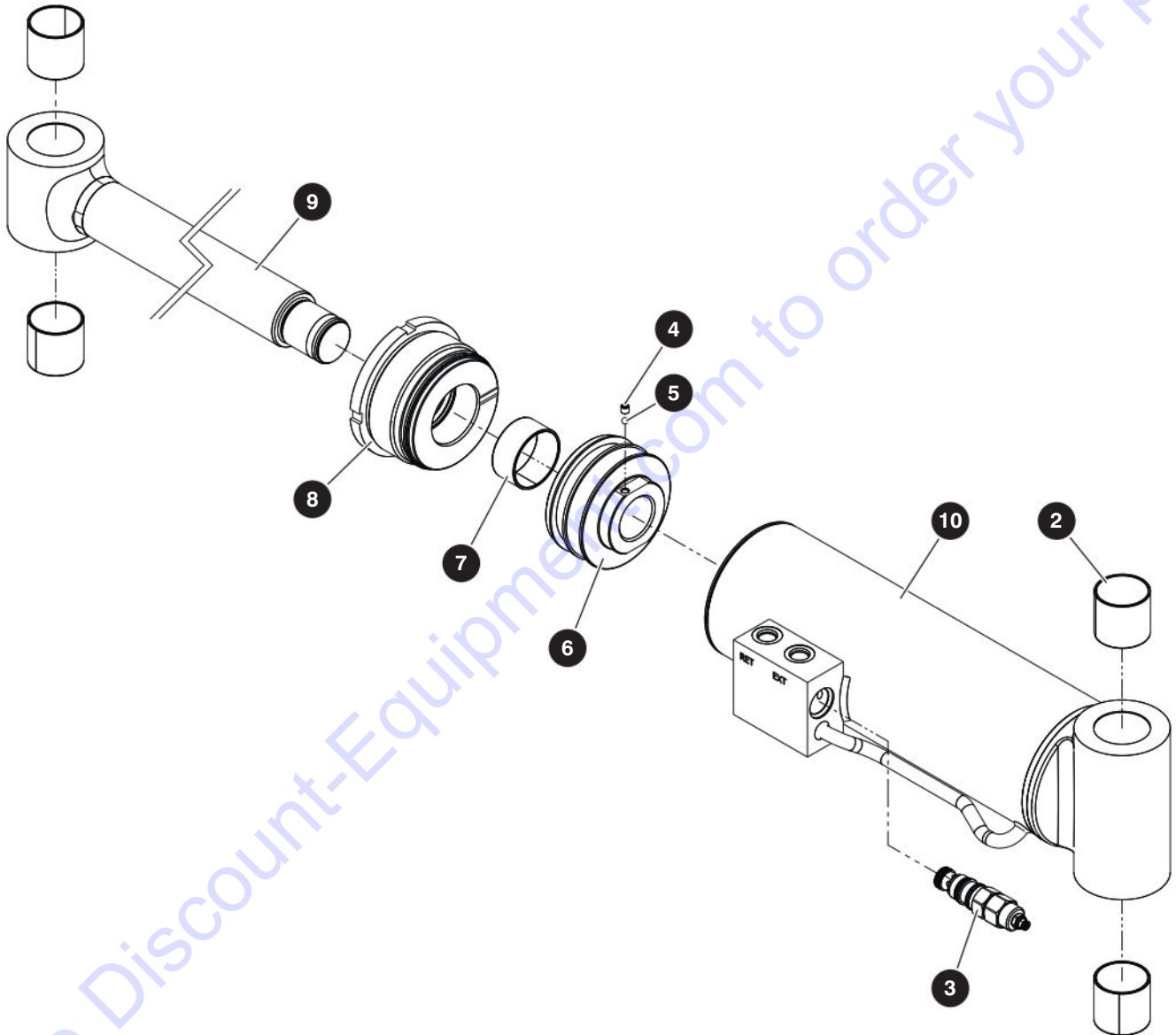
7.2 Lift Cylinder

7.3 Extend Cylinder

7.4 Tilt Compensation
Cylinder

7.5 Quick Attach Cylinder

7.1 Fork Tilt Cylinder



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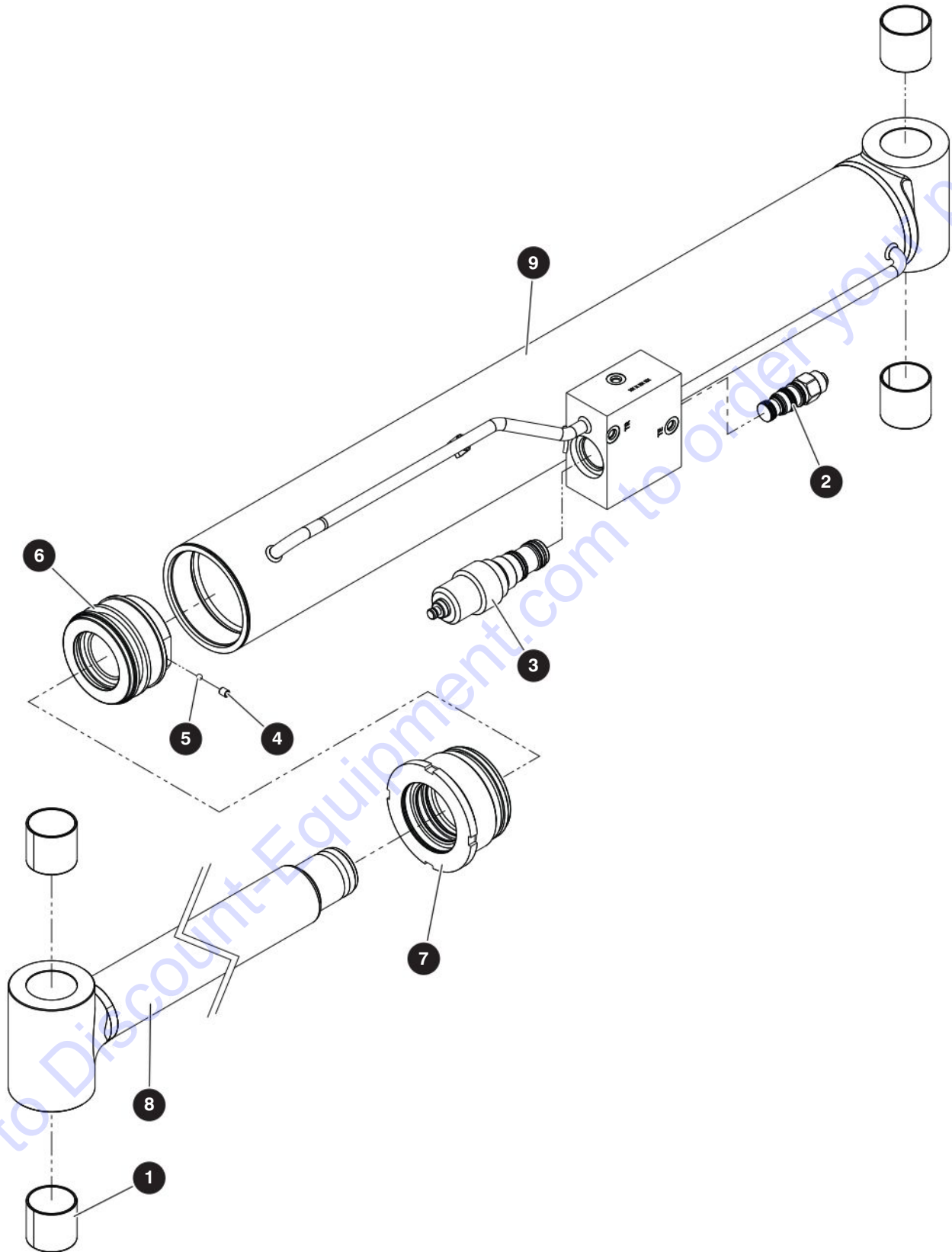
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SJ519 TH
SKYJACK

7.1 Fork Tilt Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	9-206945	1	FORK TILT CYLINDER
1	9-224012	1	• SEAL KIT (Not shown)
2	9-224013	4	• BEARING, Dry
3	9-224014	1	• VALVE, Counterbalance 5000 PSI
4	9-212838	1	• SCREW, Set (M8 x 1.25 x 8)
5	9-209121	1	• BALL, Steel (6.35 mm)
6	9-224021	1	• PISTON
7	9-224015	1	• BEARING, Dry
8	9-224020	1	• GLAND
9	9-224019	1	• ROD ASSEMBLY
10	9-224018	1	• TUBE ASSEMBLY

7.2 Lift Cylinder



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108

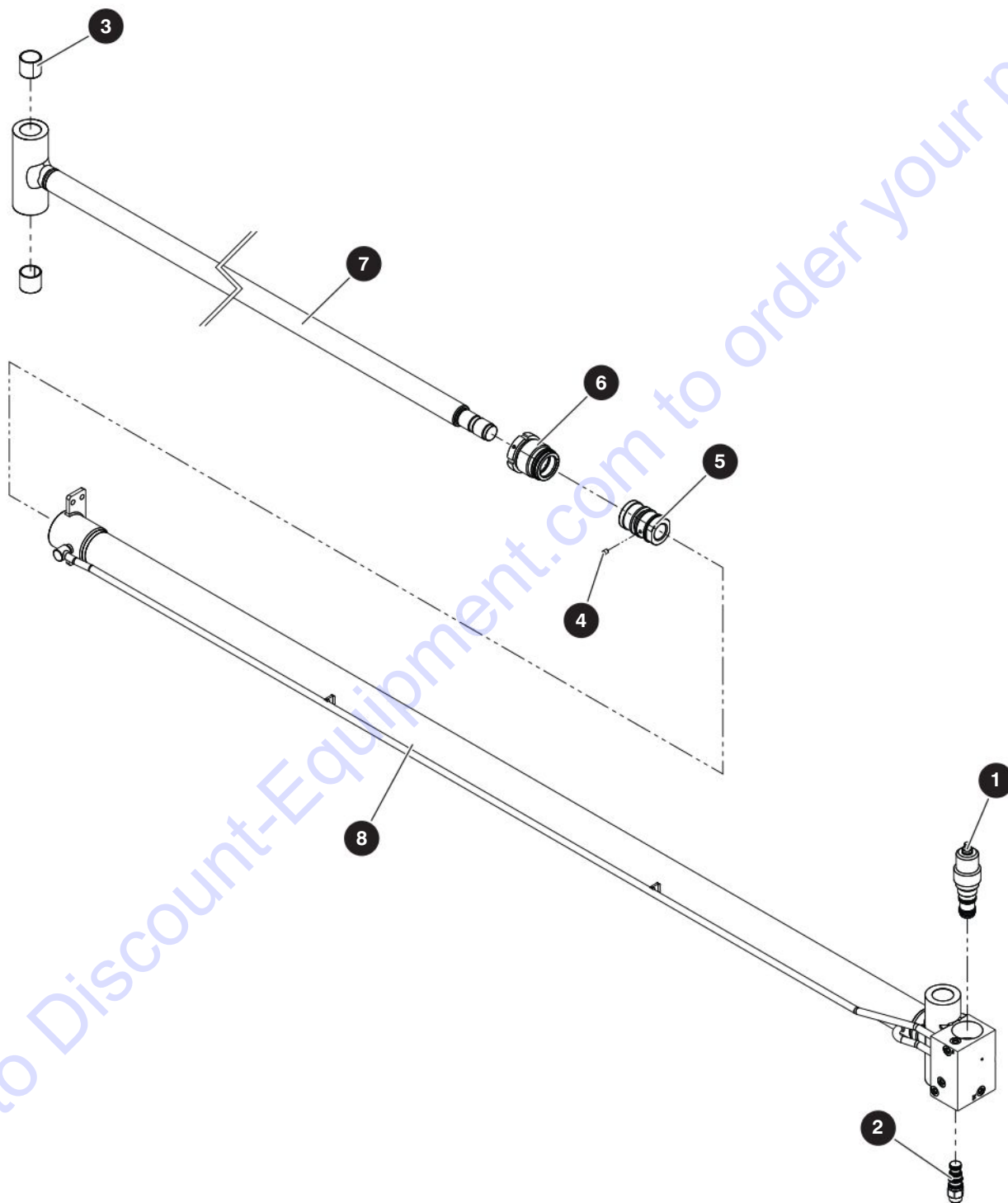
SJ519 TH

SKYJACK

7.2 Lift Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	9-206943	1	LIFT CYLINDER
1	9-224013	4	• BEARING, Dry
2	9-224027	1	• VALVE, Counterbalance - 3000 PSI
3	9-224026	1	• VALVE, Counterbalance - 5000 PSI
4	9-213481	1	• SCREW, Set (M8 x 1.25 x 8)
5	9-209121	1	• BALL, Steel (6.35 MM)
6	9-224025	1	• PISTON
7	9-224024	1	• GLAND
8	9-224023	1	• ROD ASSEMBLY
9	9-224022	1	• TUBE ASSEMBLY
10	9-224028	1	• SEAL KIT (Not shown)

7.3 Extend Cylinder



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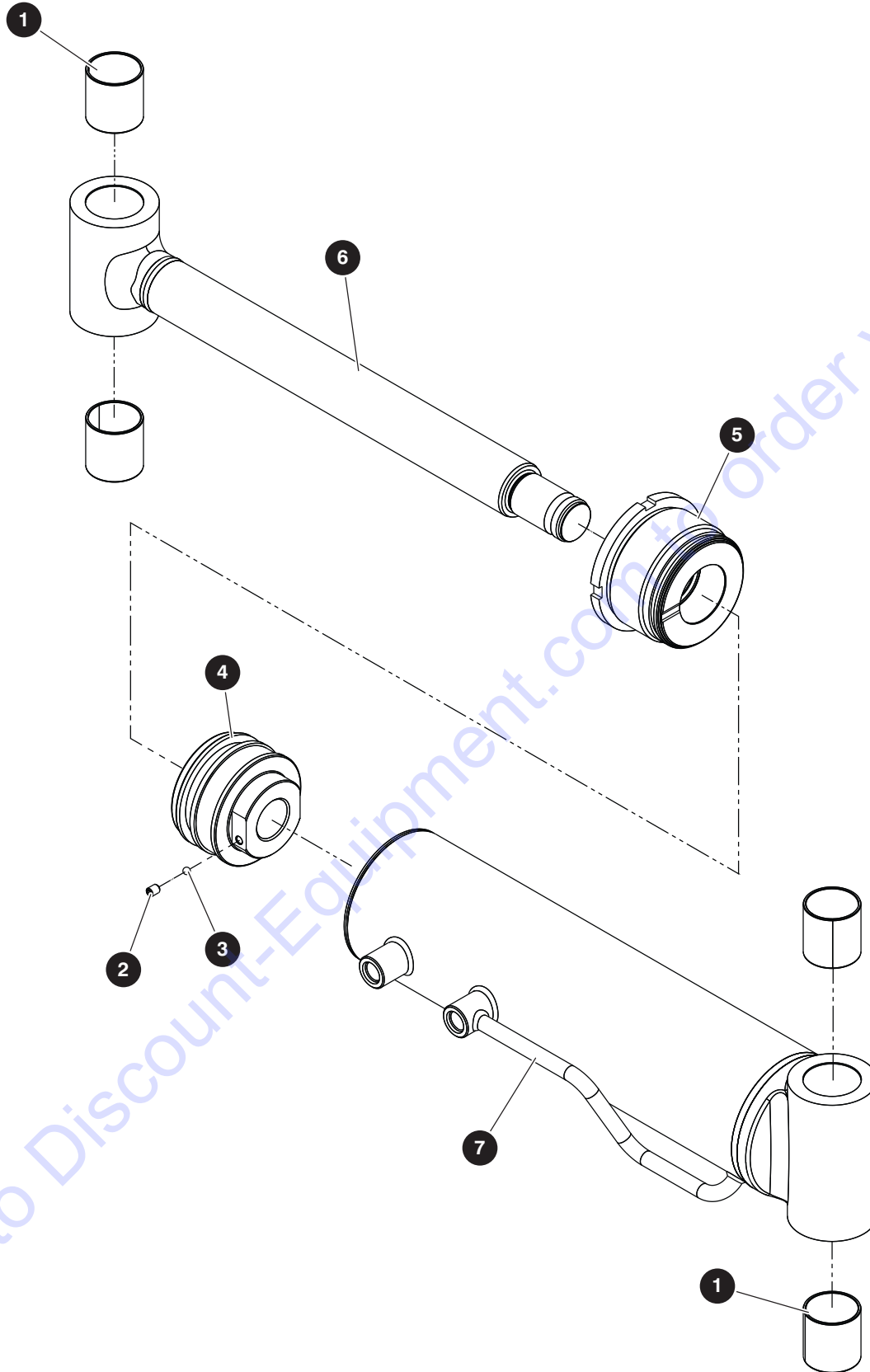
SJ519 TH

SKYJACK

7.3 Extend Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	9-224199	1	EXTEND CYLINDER
1	9-224026	1	• VALVE, COUNTERBALANCE - 5000 PSI
2	9-224271	1	• VALVE, COUNTERBALANCE
3	9-224033	4	• BEARING, Dry
4	9-213481	1	• SCREW, Set (M8 x 1.25 x 8)
5	9-224032	1	• PISTON
6	9-224031	1	• GLAND
7	9-224030	1	• ROD ASSEMBLY
8	9-224029	1	• TUBE ASSEMBLY
9	9-224034	1	• SEAL KIT (Not shown)

7.4 Tilt Compensation Cylinder



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112

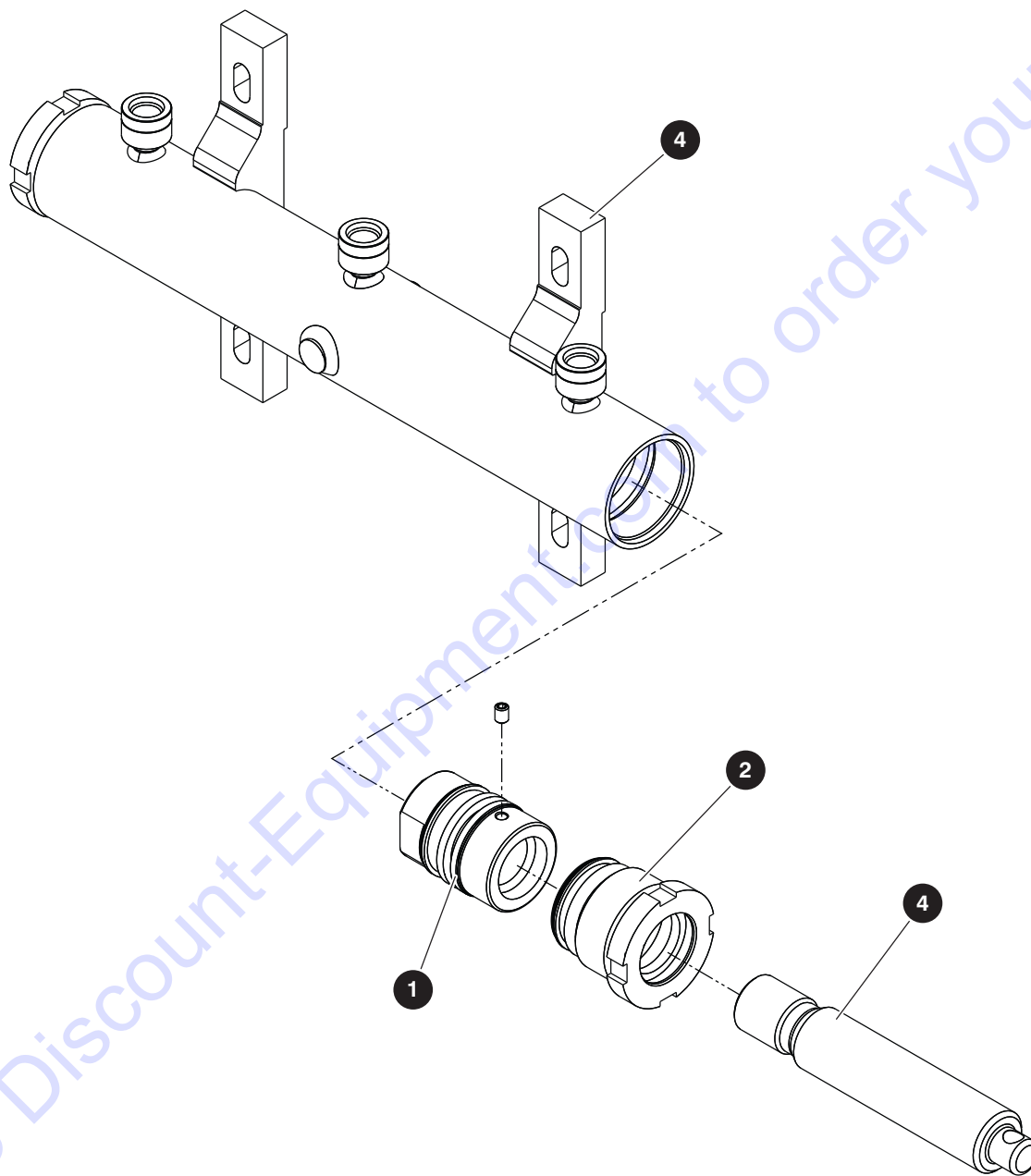
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SKYJACK

7.4 Tilt Compensation Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	9-205961	1	TILT COMPENSATION CYLINDER
1	9-224039	4	• BEARING, Dry
2	9-213481	1	• SCREW, Set (M8 x 1.25 x 8)
3	9-209121	1	• BALL, Steel (6.35 mm)
4	9-224038	1	• PISTON
5	9-224037	1	• GLAND
6	9-224036	1	• ROD ASSEMBLY
7	9-224035	1	• TUBE ASSEMBLY
8	9-224040	1	• SEAL KIT (Not Shown)

7.5 Quick Attach Cylinder



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SJ519 TH
SKYJACK

7.5 Quick Attach Cylinder

Index No.	Skyjack Part No.	Qty.	Description
-	9-205964	1	QUICK ATTACH CYLINDER
1	9-224165	2	• PISTON
2	9-224164	2	• GLAND
3	9-224163	2	• ROD
4	9-224162	1	• TUBE ASSEMBLY
5	9-224166	1	• SEAL KIT (Not Shown)

Section 8 – Hydraulics

8.1 *Standard Hose
Numbering System*

8.2 *Main Manifold
Assembly*

8.3 *Main Manifold*

8.4 *Main Manifold
Components*

8.5 *Pilot Manifold*

8.6 *Pilot Manifold
Components*

8.7 *Steer Valve Assembly*

8.8 *Steer Valve*

8.9 *Hydraulic Filters*

8.10 *Hydraulic Hoses -
Cylinders*

8.11 *Drive and System
Pump Hoses*

8.12 *Drive and System
Pump Hoses*

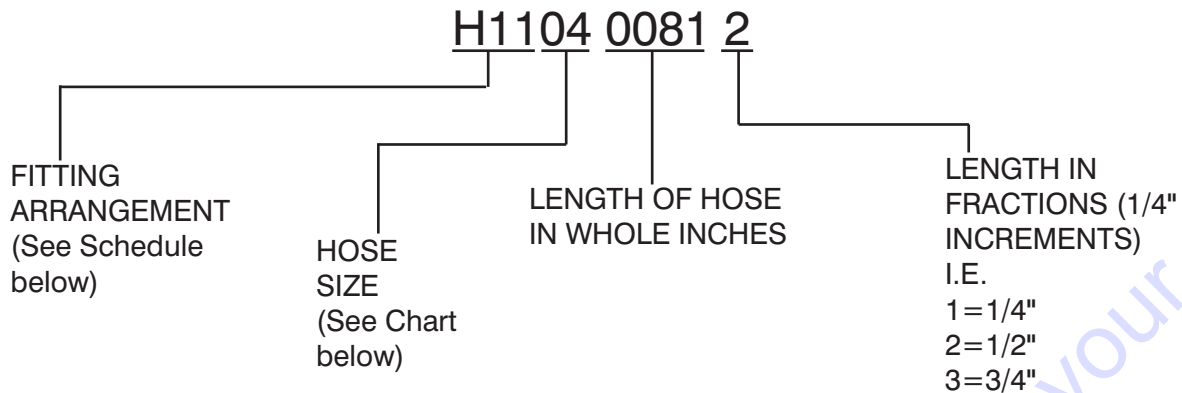
8.13 *Steer and Brake
Hoses*

8.14 *Hydraulic Tank Oil Fill*

8.15 *Pilot Manifold Hoses*

8.16 *Cab Hydraulic Hoses*

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

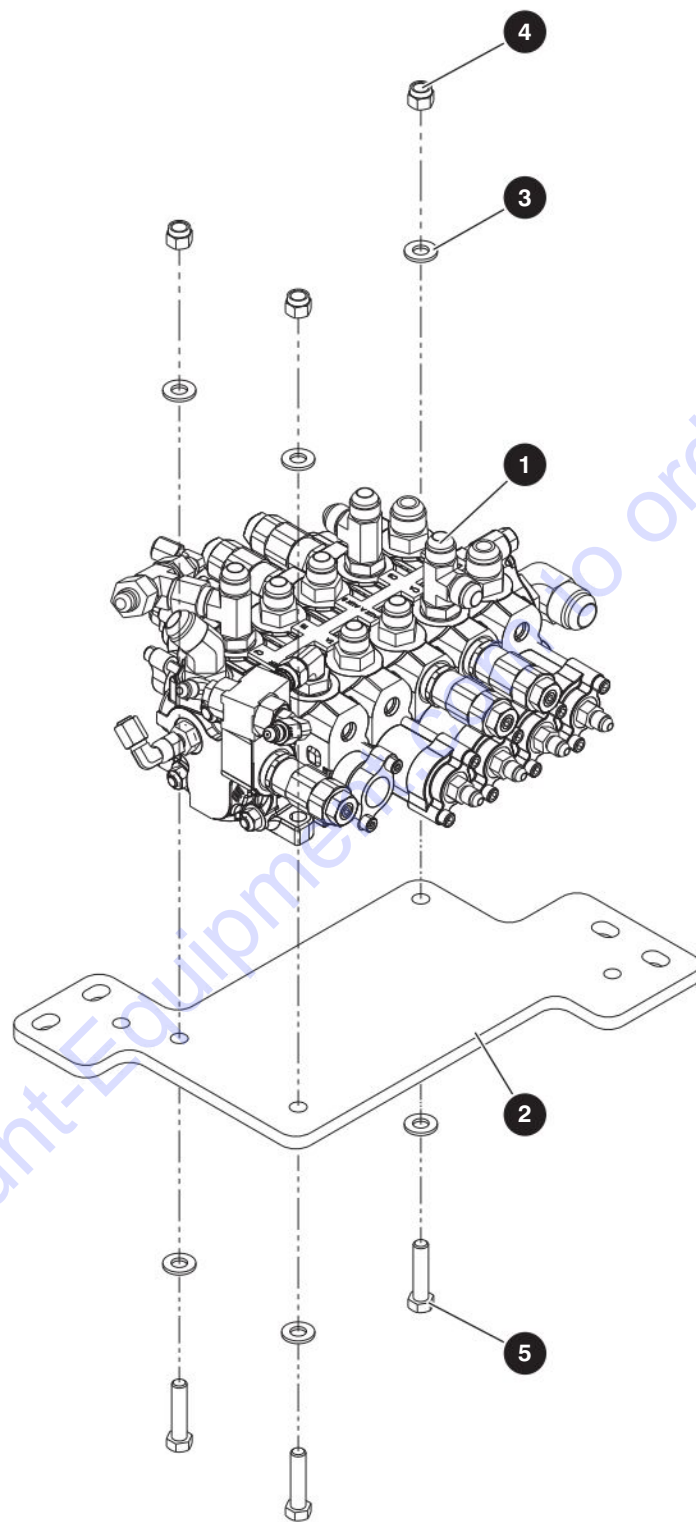
Hose ends and hose must be from same manufacturer per S.A.E. J1273 Nov. '91, Sections 3.10 and 4.2. Hose ends and hose must be of the same size i.e. #4 size fittings must be used with #4 size hose.

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

8.2 Main Manifold Assembly



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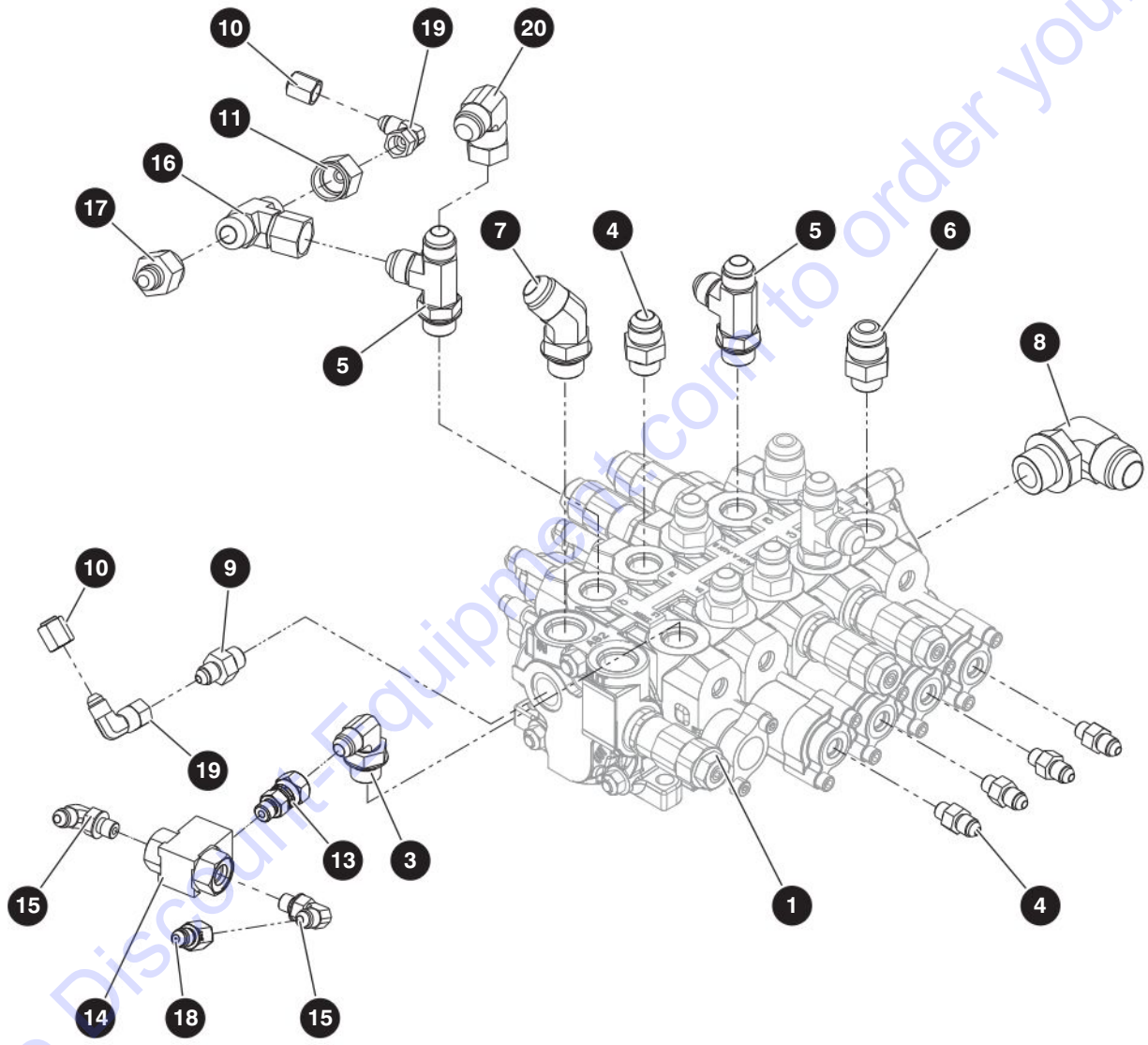
SJ519 TH

SKYJACK

8.2 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-206866	1	MAIN MANIFOLD
1	9-206311	1	• MANIFOLD, Main, spool
2	9-206659	1	• PLATE, Main manifold mounting
3	9-125959	6	• WASHER, Flat 3/8" hard
4	9-104606	3	• NUT, Lock with nylon insert 3/8" Gr 5
5	9-208945	3	• BOLT, Hex head 3/8"-16 x 1-5/8" Gr 5

8.3 Main Manifold



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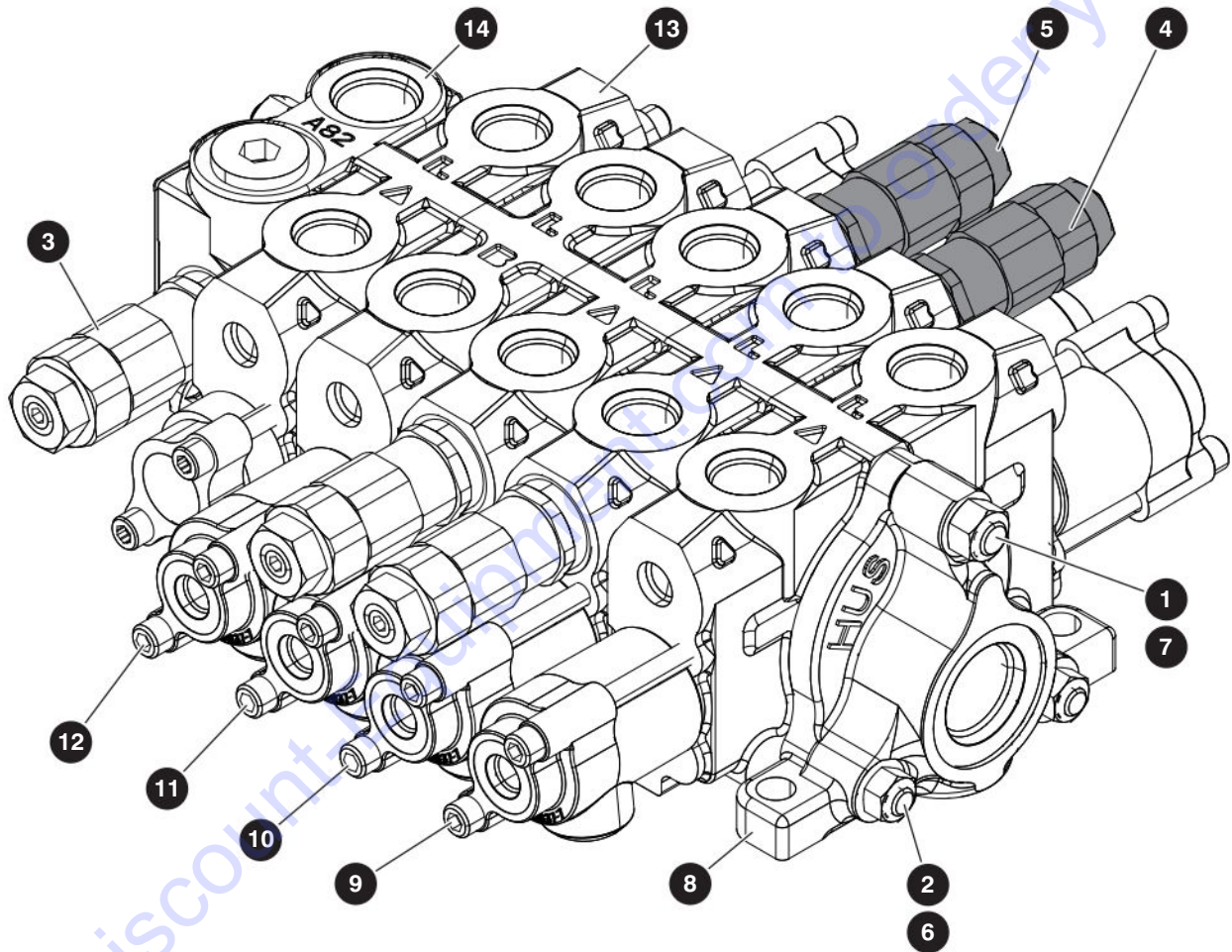
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8.3 Main Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	9-206311	1	MAIN MANIFOLD
1	9-206793	1	<ul style="list-style-type: none"> MANIFOLD, MAIN 519 <i>(For components, refer to Section 8.4 - Main Manifold Components)</i>
2	9-126128	8	<ul style="list-style-type: none"> FITTING, 04 SAE to 04 JIC
3	9-102665	1	<ul style="list-style-type: none"> FITTING, 90° (06 JICM - 08 ORBM)
4	9-102659	4	<ul style="list-style-type: none"> FITTING, Straight (08 JICM - 08 ORBM)
5	9-110554	3	<ul style="list-style-type: none"> FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
6	9-147535	2	<ul style="list-style-type: none"> FITTING, 8 SAE to -10 JIC
7	9-149215	1	<ul style="list-style-type: none"> FITTING, 45° (10 JICM - 10 ORBM)
8	9-105445	1	<ul style="list-style-type: none"> FITTING, 90° (12 JICM - 12 ORBM)
9	9-701956	1	<ul style="list-style-type: none"> FITTING, 06 SAE to 04 JIC
10	9-131286	2	<ul style="list-style-type: none"> FITTING, CAP (04 JICF)
11	9-706812	1	<ul style="list-style-type: none"> FITTING, Straight (08JICF-04JICM)
12	9-206947	1	<ul style="list-style-type: none"> LABEL, SJ519 TH MAIN MANIFOLD
13	9-224060	1	<ul style="list-style-type: none"> FITTING, 04 SAE ORBM to 06 JICFS
14	9-138394	1	<ul style="list-style-type: none"> VALVE, Shuttle (#4 ORB)
15	9-125883	2	<ul style="list-style-type: none"> FITTING, 90° (04 JICM - 04 ORBM)
16	9-224062	1	<ul style="list-style-type: none"> FITTING, Tee 08 JICM - 08 JICM - 08 JICF
17	9-110498	1	<ul style="list-style-type: none"> FITTING, Straight (08 JICF - 06 JICM)
18	9-224135	1	<ul style="list-style-type: none"> FITTING, 3/64" Orifice
19	9-702875	2	<ul style="list-style-type: none"> FITTING, 90° Swivel (04 JICM - 04 JICFS)
20	9-702856	1	<ul style="list-style-type: none"> FITTING, 90° 08 JICM - 08 JICF swivel

8.4 Main Manifold Components



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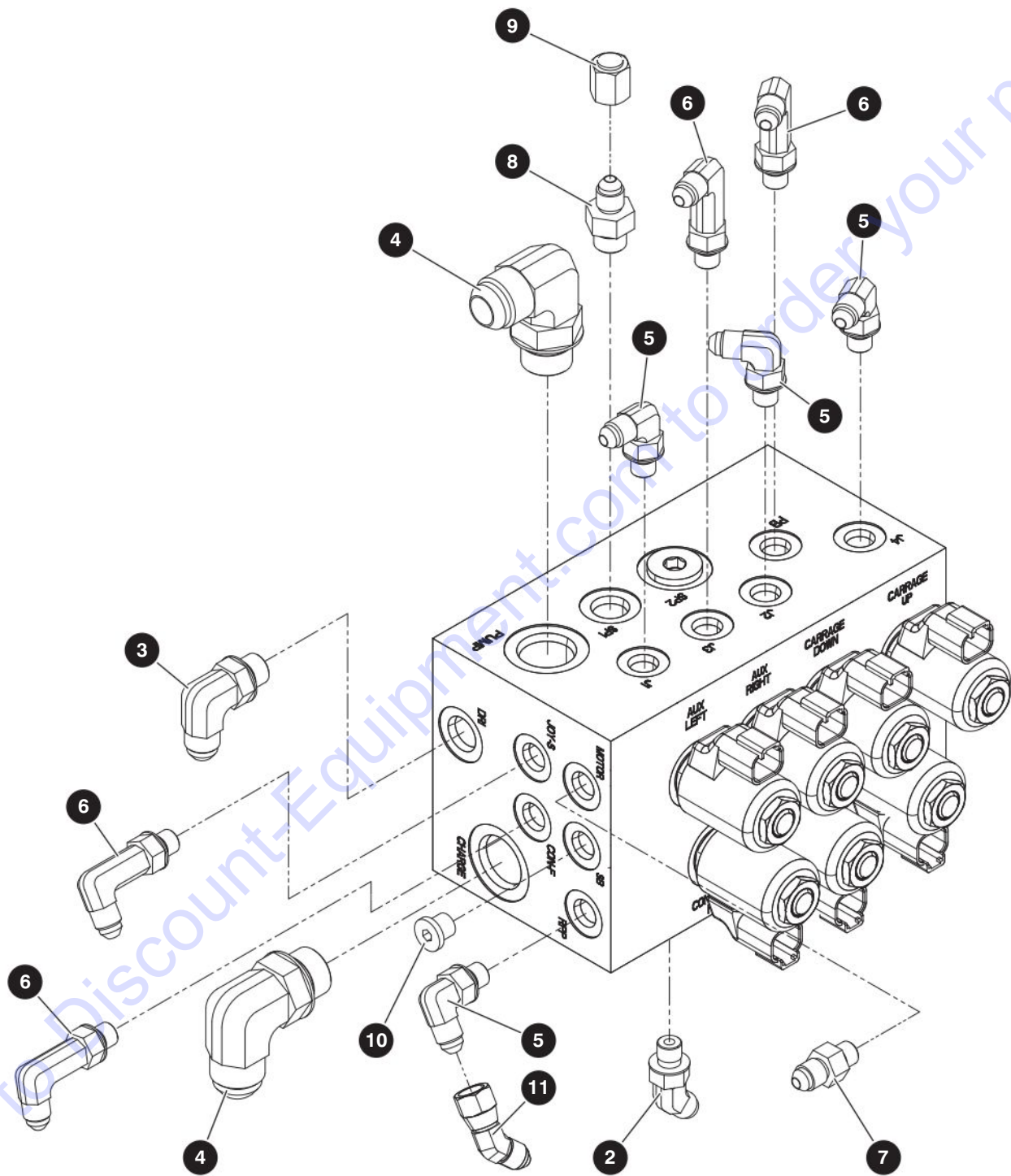
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8.4 Main Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-206793	1	MAIN MANIFOLD
1	9-224301	1	• TIE ROD
2	9-224137	2	• TIE ROD
3	9-224050	1	• VALVE, Relief 3900 psi
4	9-224049	2	• VALVE, Relief 3500 psi
5	9-224048	2	• VALVE, Relief 3000 psi
6	9-224138	4	• NUT, Special
7	9-224139	2	• NUT, Special
8	9-224047	1	• SECTION, Outlet
9	9-224046	1	• SECTION, Spool
10	9-224045	1	• SECTION, Spool
11	9-224044	1	• SECTION, Spool
12	9-224043	1	• SECTION, Spool
13	9-224042	1	• SECTION, Spool
14	9-224041	1	• SECTION, Inlet
15	9-224140	1	• SEAL KIT (Not shown)

8.5 Pilot Manifold



M206310AF

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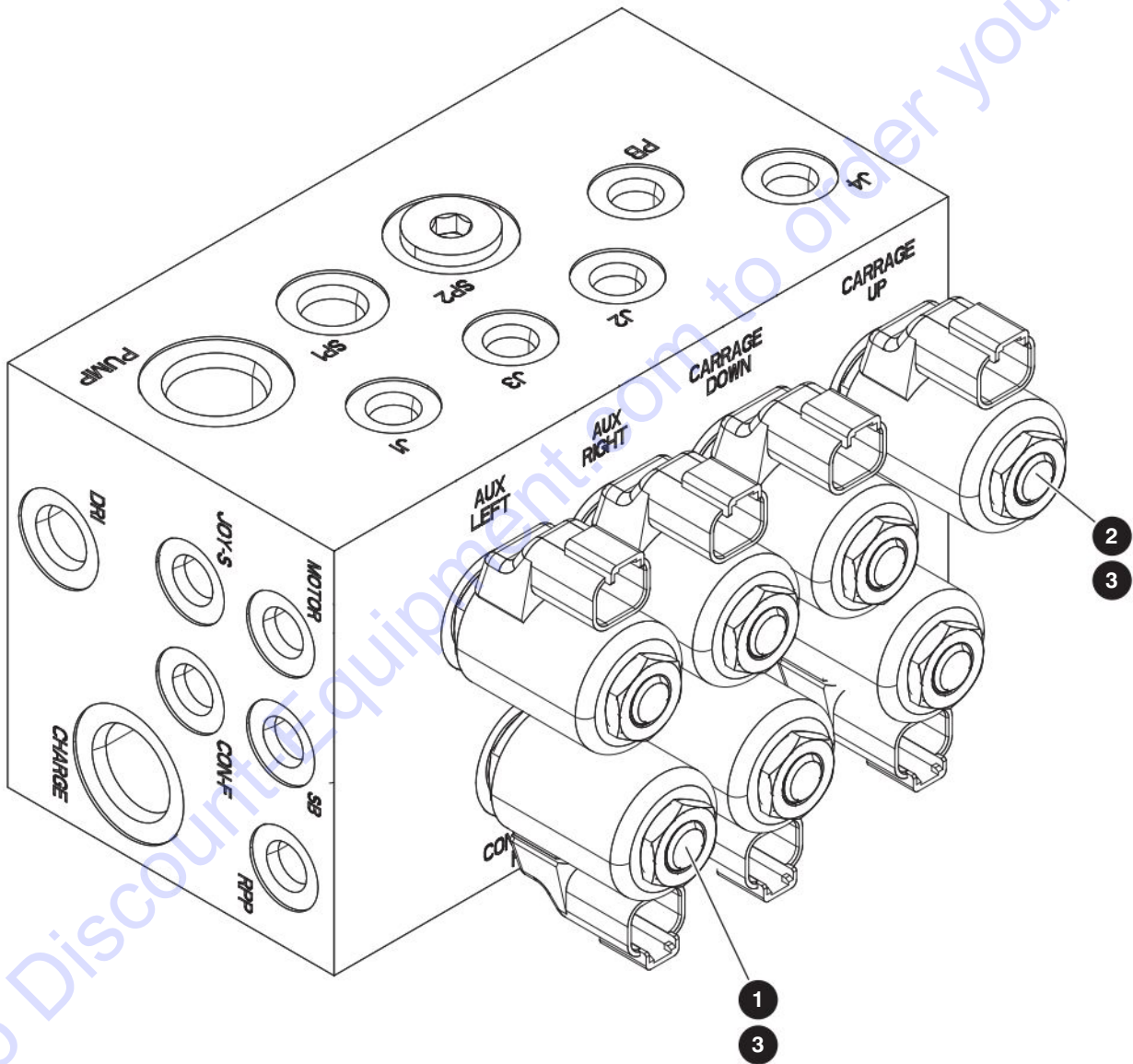
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SJ519 TH
SKYJACK

8.5 Pilot Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	9-206310	1	PILOT MANIFOLD
1	9-206455	1	<ul style="list-style-type: none"> MANIFOLD, PILOT <i>(For components, refer to Section 8.6 - Pilot Manifold Components)</i>
2	9-131716	8	<ul style="list-style-type: none"> FITTING, 45° (04 JICM - 04 ORBM)
3	9-114578	1	<ul style="list-style-type: none"> FITTING, 90° (06 JICM - 06 ORBM)
4	9-135091	2	<ul style="list-style-type: none"> FITTING, 90° (10 JICM - 10 ORBM)
5	9-125883	4	<ul style="list-style-type: none"> FITTING, 90° (04 JICM - 04 ORBM)
6	9-126366	4	<ul style="list-style-type: none"> FITTING, 90° LL (04 JICM - 04 ORBM)
7	9-126128	1	<ul style="list-style-type: none"> FITTING, (04 SAE - 04 JIC)
8	9-701956	1	<ul style="list-style-type: none"> FITTING, (06 SAE - 04 JIC)
9	9-131286	1	<ul style="list-style-type: none"> FITTING, Cap (04 JICF)
10	9-121250	1	<ul style="list-style-type: none"> FITTING, Plug (04 ORBM)
11	9-151688	1	<ul style="list-style-type: none"> FITTING, 45° (04 JICM - 04 JICF) Swivel

8.6 Pilot Manifold Components



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128

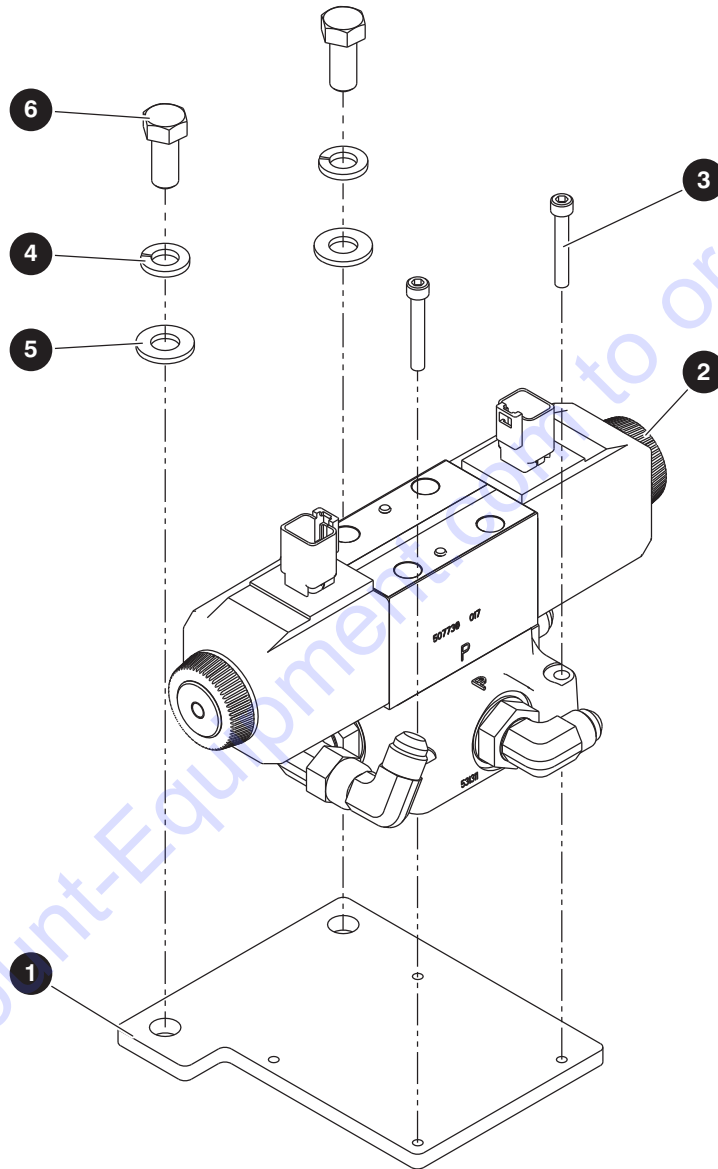
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8.6 Pilot Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-206455	1	PILOT MANIFOLD
1	9-224051	3	• VALVE, Solenoid
2	9-224052	4	• VALVE, Solenoid
3	9-224053	7	• COIL, Solenoid
4	9-224141	1	• SEAL KIT (Not Shown)
5	9-224142	1	• SEAL KIT (Not Shown)

8.7 Steer Valve Assembly



M206884AA

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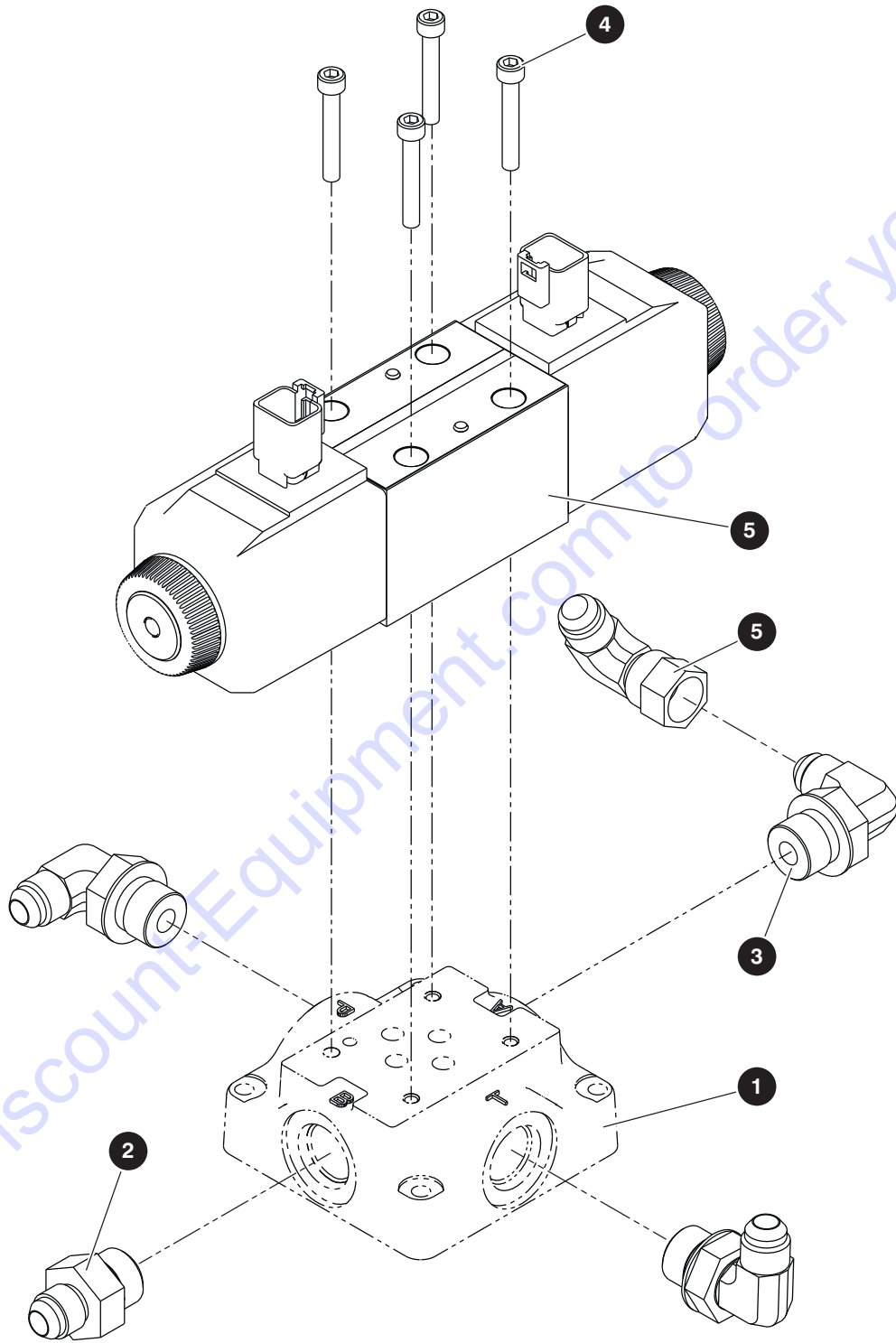
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SKYJACK

8.7 Steer Valve Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-206884	1	STEER MANIFOLD
1	9-206897	1	• PLATE, Steer select valve
2	9-206312	1	• VALVE, Steer select <i>(For components, refer to Section 8.8 - Steer Valve)</i>
3	9-103918	4	• SCREW, Socket Head #10-24 x 1-1/4"
4	9-103999	2	• WASHER, Lock 3/8"
5	9-125959	2	• WASHER Flat 3/8" hard
6	9-300437	2	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 5

8.8 Steer Valve



M206312AB

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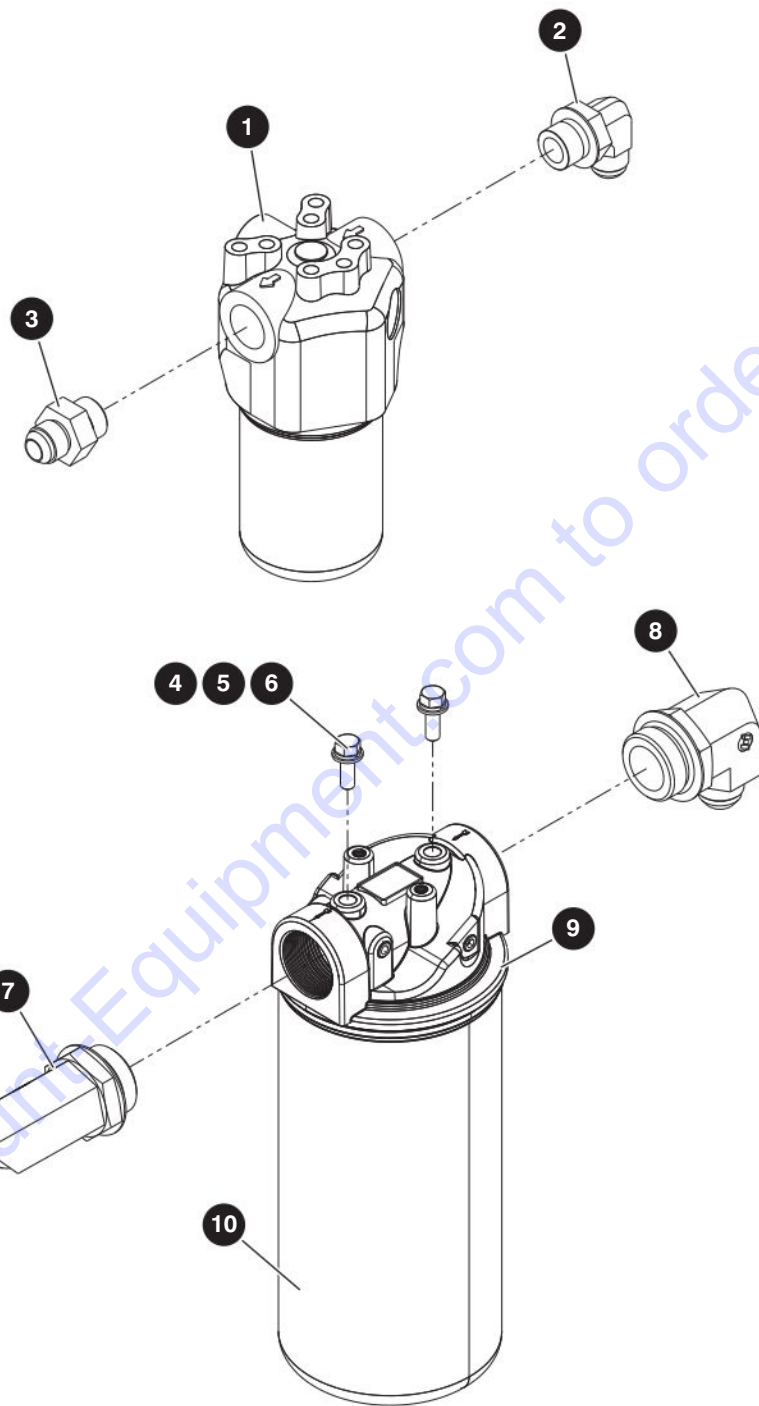
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SKYJACK

8.8 Steer Valve

Index No.	Skyjack Part No.	Qty.	Description
-	9-206312	1	STEER SELECT VALVE
1	9-205487	1	• VALVE, Steer base plate SJ519 TH
2	9-103070	1	• FITTING, Straight (06 JICM - 08 ORBM)
3	9-102665	3	• FITTING, 90° (06 JICM - 08 ORBM)
4	9-103918	4	• SCREW, Socket Head #10-24 x 1-1/4"
5	9-702761	1	• FITTING, 90° (06 JICM - 06 JICM)
6	9-205486	1	• VALVE, Steer select SJ519 TH
	9-224143	2	• • COIL

8.9 Hydraulic Filters



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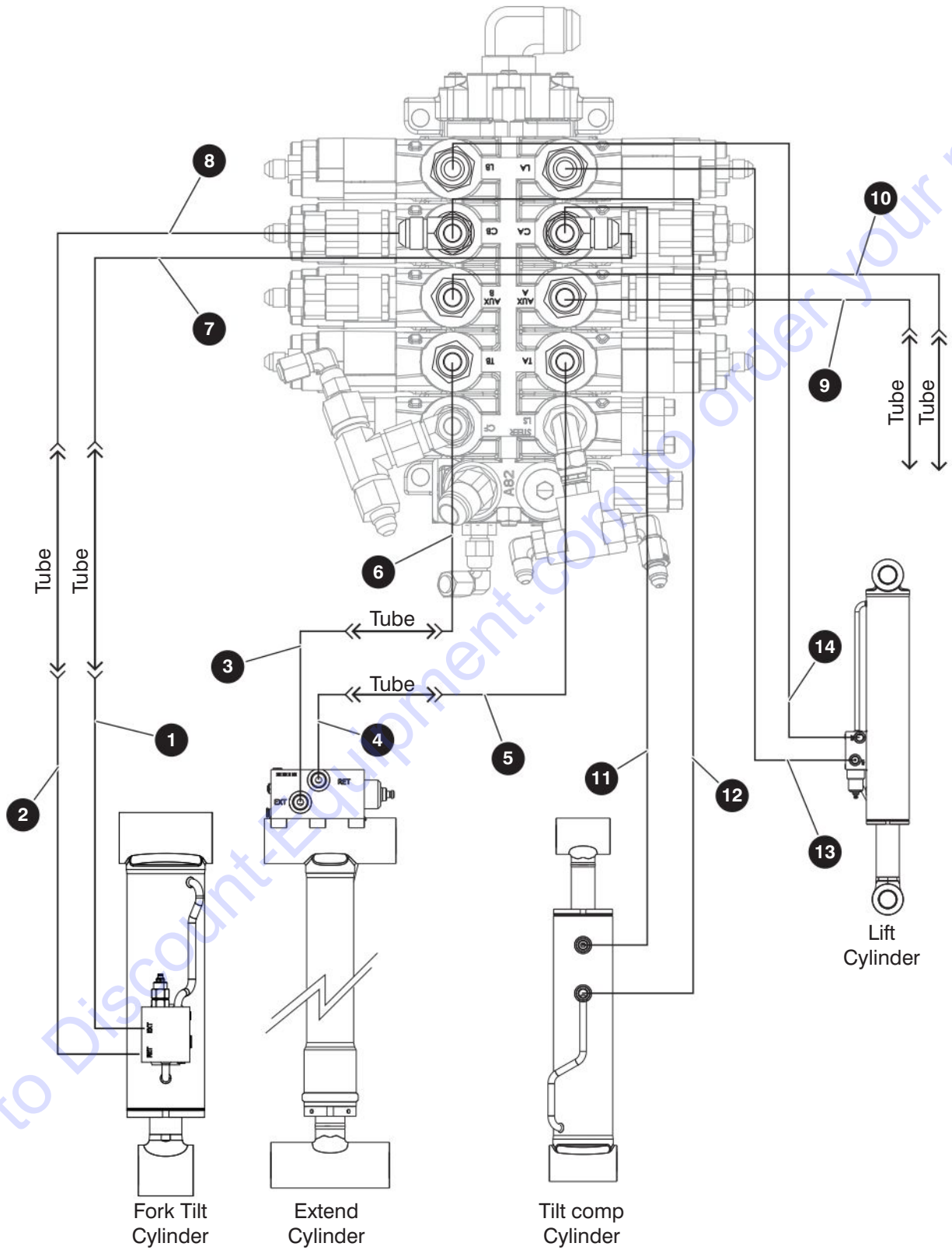
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8.9 Hydraulic Filters

Index No.	Skyjack Part No.	Qty.	Description
-	9-206736	1	HYDRAULIC FILTERS
1	9-206887	1	• FILTER, Charge
2	9-138981	1	• FITTING, 90° (10 JICM - 12 ORBM)
3	9-137490	1	• FITTING, (12 SAE -10 JIC)
4	9-103864	2	• BOLT, Hex head zinc plated (5/16"-18 x 1" Gr. 5)
5	9-103996	2	• WASHER, Flat 5/16"
6	9-103404	2	• WASHER, Lock 5/16"
7	9-206141	1	• FITTING, 90° (16 JICM - 20 ORBM)
8	9-206140	1	• FITTING, 90° (12 JICM - 20 ORBM)
9	9-206999	1	• FILTER HEAD, 20 Ports - 25 psi bypass
10	9-206998	1	• FILTER ELEMENT, 10 Micron absolute

8.10 Hydraulic Hoses - Cylinders



M206639AC

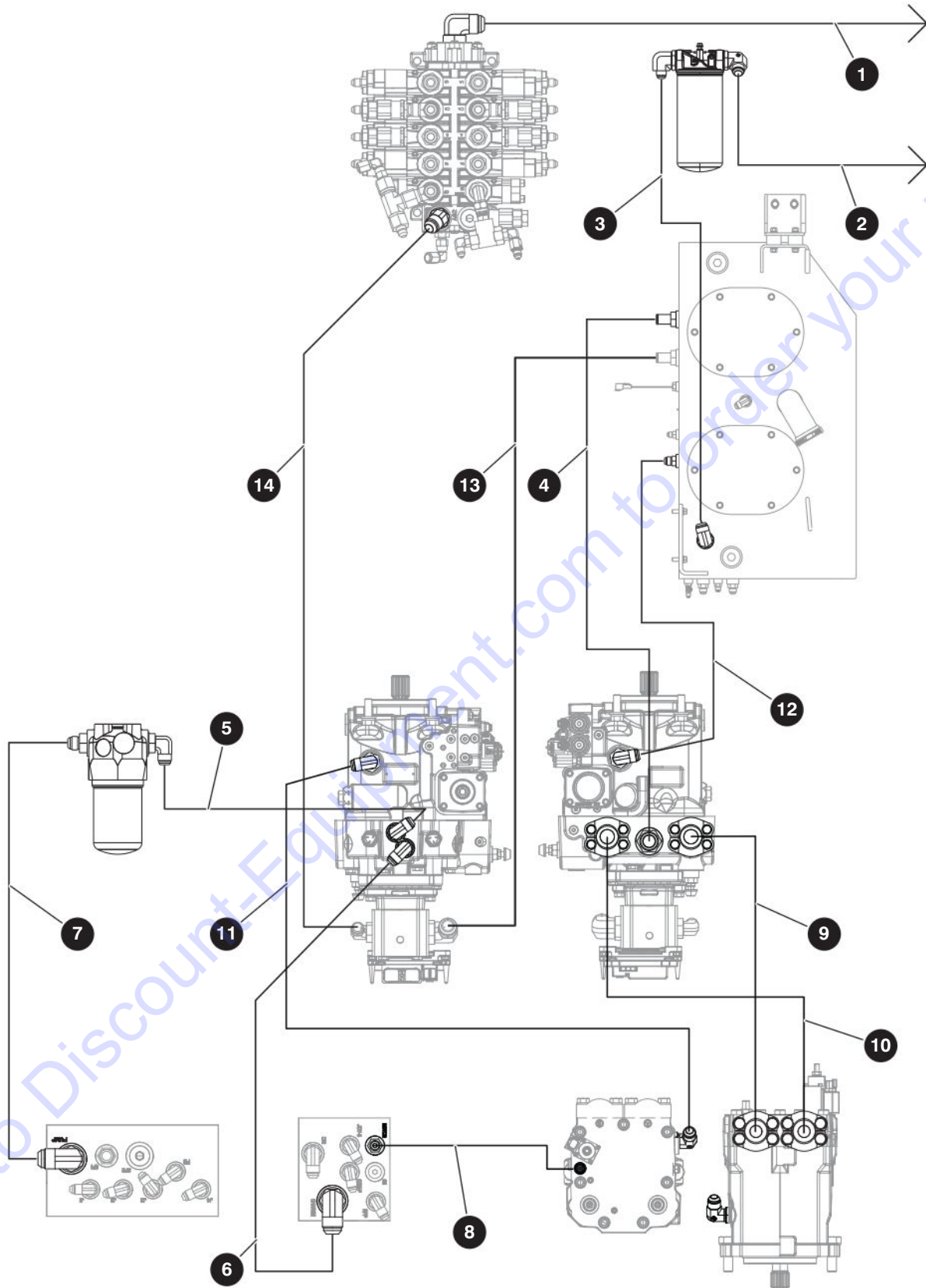
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8.10 Hydraulic Hoses - Cylinders

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H620800320	Bulkhead on fly boom (outside)		(EXT)	Fork tilt cylinder
2	H620800320	Bulkhead on fly boom (inside)		(RET)	Fork tilt cylinder
3	H640800170	6th hydraulic boom tube		EXT	Extend cylinder
4	H640800180	5th hydraulic boom tube		RET	Extend cylinder
5	H620800580	Main manifold	TA		5th hydraulic boom tube
6	H620800781	Main manifold	TB		6th hydraulic boom tube
7	H680800580	Main manifold	CA		4th hydraulic boom tube
8	H620800710	Main manifold	CB		3th hydraulic boom tube
9	H340800610	Main manifold	AUX A		2nd hydraulic boom tube
10	H340800800	Main manifold	AUX B		1st hydraulic boom tube
11	H620800183	Main manifold	CA		Tilt compensation cylinder (retract)
12	H620800243	Main manifold	CB		Tilt compensation cylinder (extend)
13	H401000530	Main manifold	LA	RET	Lift cylinder
14	H401000530	Main manifold	LB	EXT	Lift cylinder

8.11 Drive and System Pump Hoses



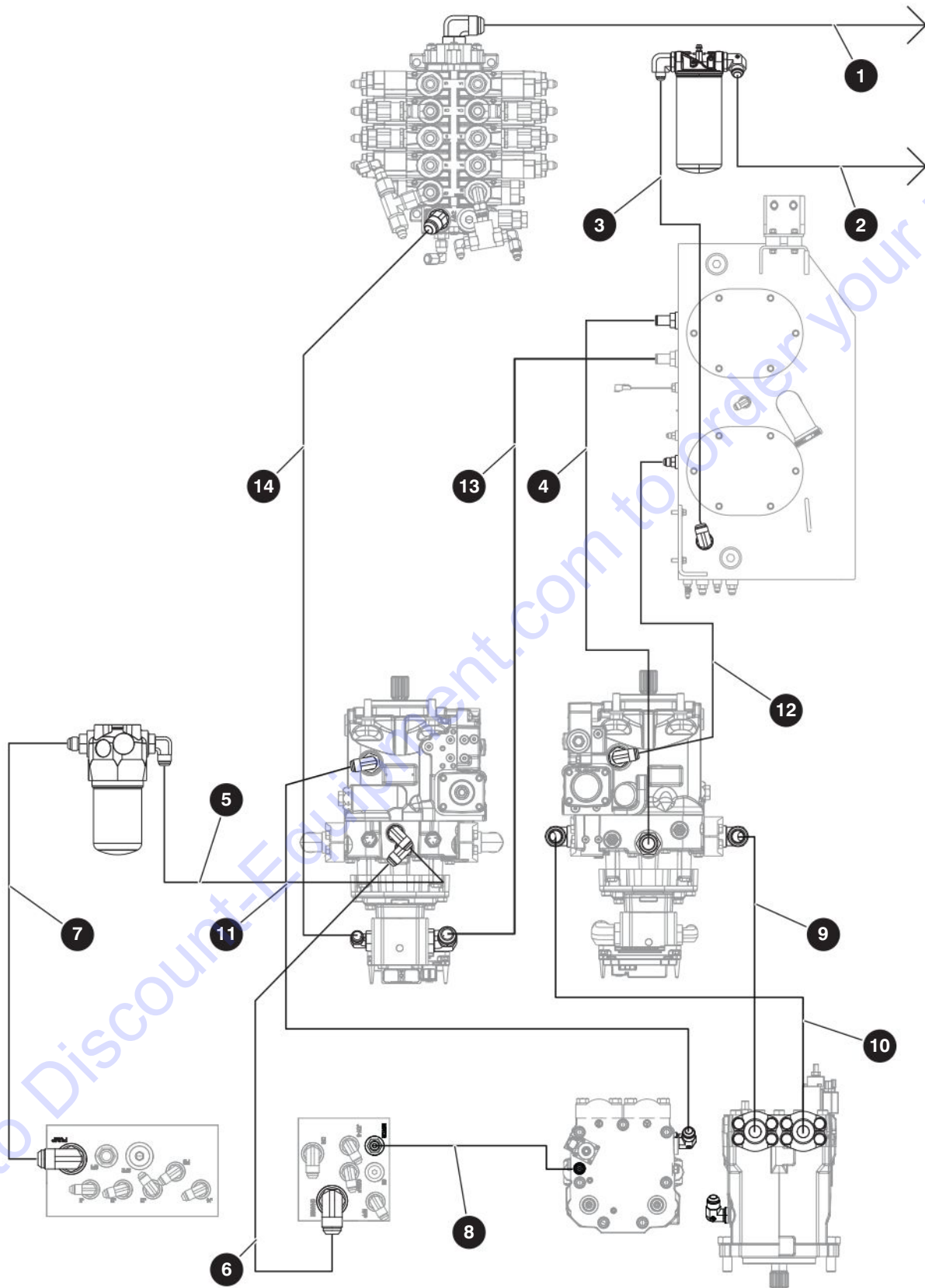
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8.11 Drive and System Pump Hoses

Index No.	Hose P/N	From		To		
		Description	Port	Port	Description	
-		For S/N 87 500 001 - 87 500 008, 87 500 031 & up				
1	H341200750	Cooler inlet		T	Main manifold	
2	H341201022	Cooler outlet			Filter inlet	
3	H311600720	Filter outlet		TOP	Hydraulic Tank (return)	
4	H751600470	Drive pump - hydrostat	H		Hydraulic Tank suction	
5	H311000320	Drive pump - charge	W		Charge filter inlet	
6	H321000222	Drive pump - charge	M		Pilot manifold (charge)	
7	H341000123	Charge filter outlet		PUMP	Pilot manifold	
8	H340400410	Pilot manifold	MOTOR	E	Drive motor	
9	9-206747	Drive motor	A	B	Drive pump	
10	9-206896	Drive motor	B	A	Drive pump	
11	H321000350	Drive pump	F	U	Drive motor	
12	H341000270	Tank return		E	Drive pump	
13	H761600460	System pump inlet			Hydraulic tank suction	
14	H671001040	System pump outlet		P	Main manifold	

8.12 Drive and System Pump Hoses



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PARTS FINDER

**Search Website
by Part Number**



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Library For Parts
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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"/>

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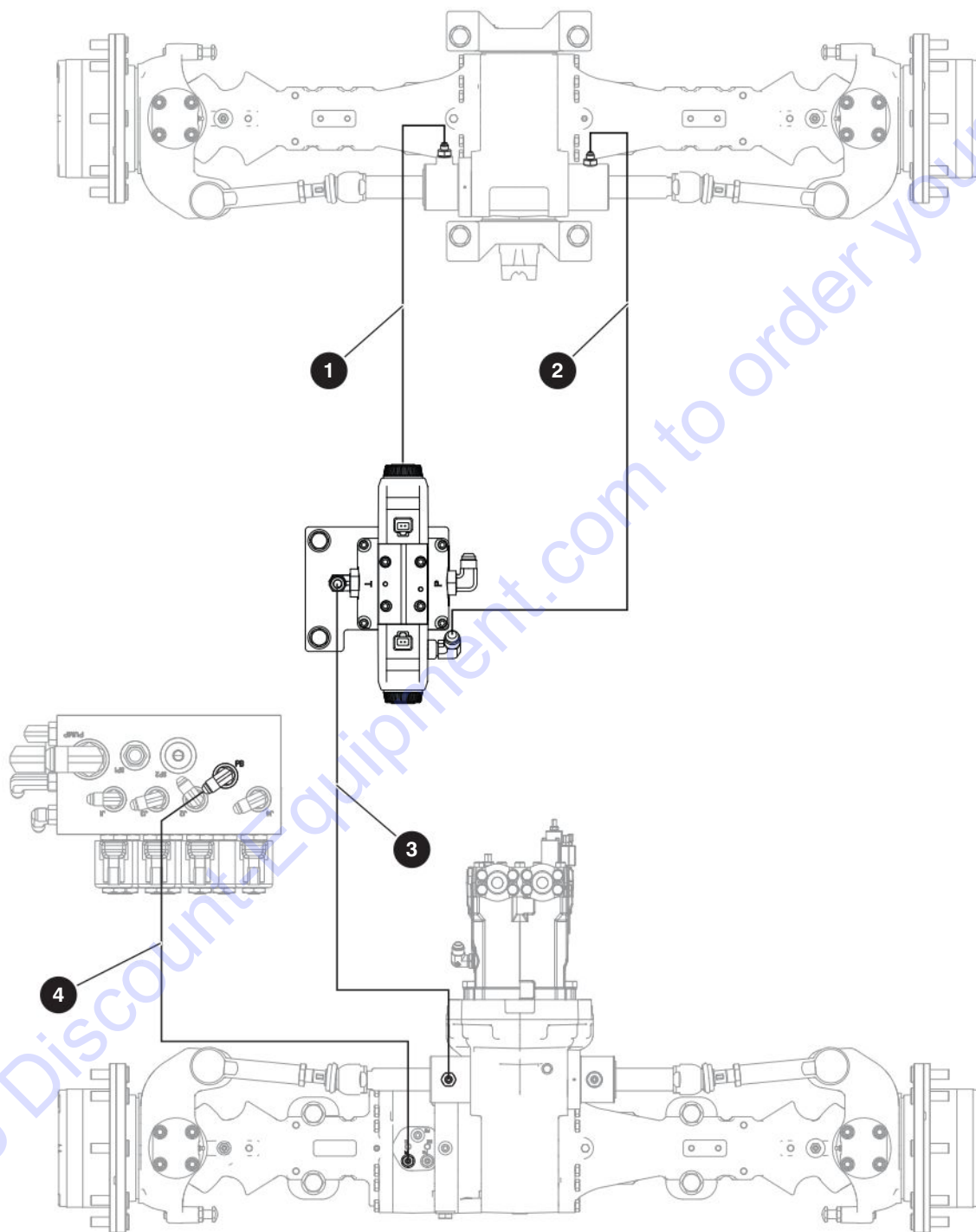
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8.12 Drive and System Pump Hoses

Index No.	Hose P/N	From		To		
		Description	Port	Port	Description	
-	-	<i>For S/N 87 500 009 - 87 500 030</i>				
1	H341200750	Cooler inlet		T	Main manifold	
2	H341201022	Cooler outlet			Filter inlet	
3	H311600720	Filter outlet		TOP	Hydraulic Tank (return)	
4	H751600500	Drive pump - hydrostat	H		Hydraulic Tank suction	
5	H311000270	Drive pump - charge	W		Charge filter inlet	
6	H321000222	Drive pump - charge	M		Pilot manifold (charge)	
7	H341000123	Charge filter outlet		PUMP	Pilot manifold	
8	H340400410	Pilot manifold	MOTOR	E	Drive motor	
9	9-221784	Drive motor	A	B	Drive pump	
10	9-221783	Drive motor	B	A	Drive pump	
11	H321000350	Drive pump	F	U	Drive motor	
12	H341000270	Tank return		E	Drive pump	
13	H761600460	System pump inlet			Hydraulic tank suction	
14	H671001040	System pump outlet		P	Main manifold	

8.13 Steer and Brake Hoses



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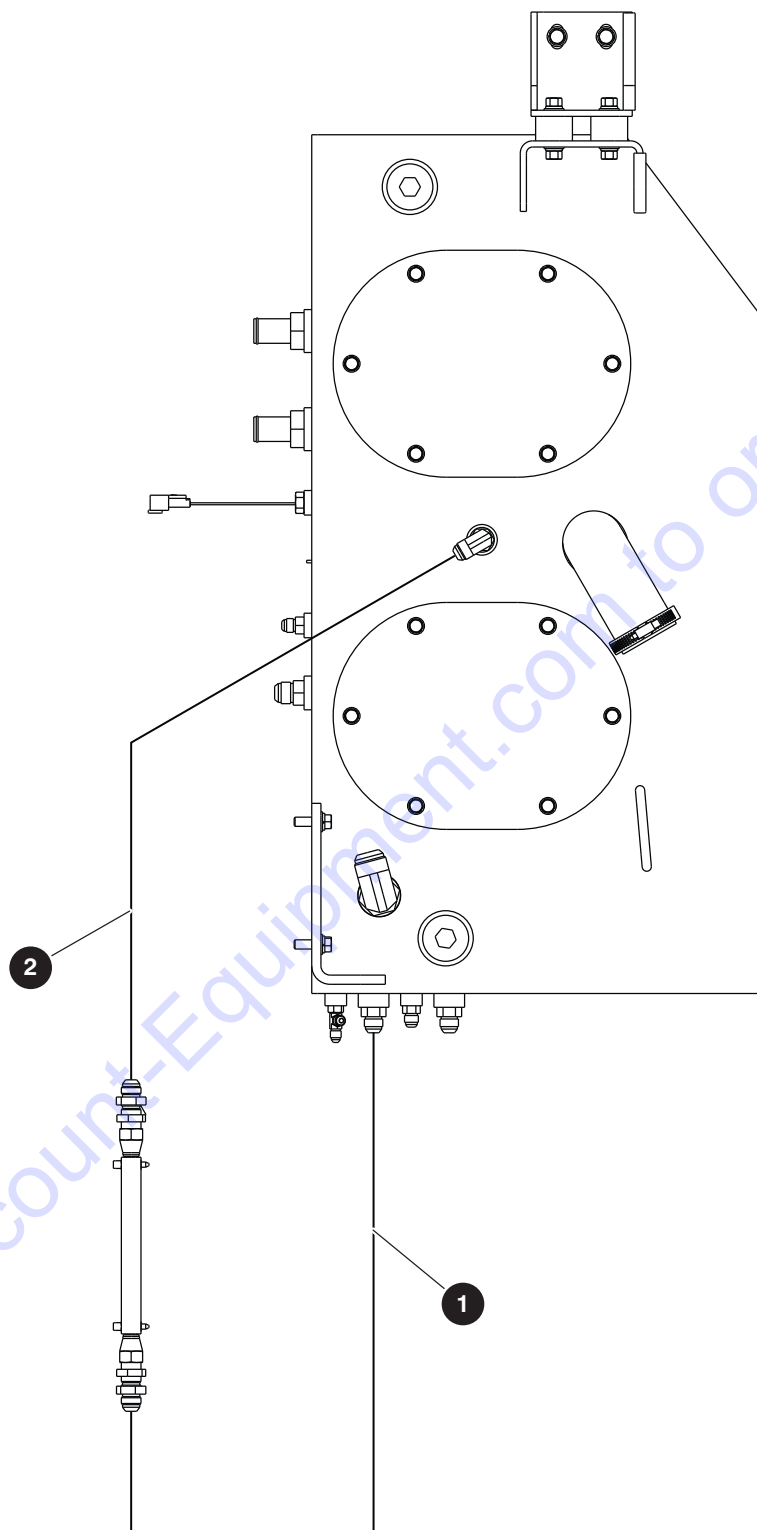
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8.13 Steer and Brake Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H340601060	Rear steer cylinder	R	B	Steer manifold
2	H340601110	Rear steer cylinder	L	A	Steer manifold
3	H320600200	Front steer cylinder	R	T	Steer manifold
4	H340400470	Pilot manifold	PB	P1	Front axle park brake

8.14 Hydraulic Tank Oil Fill



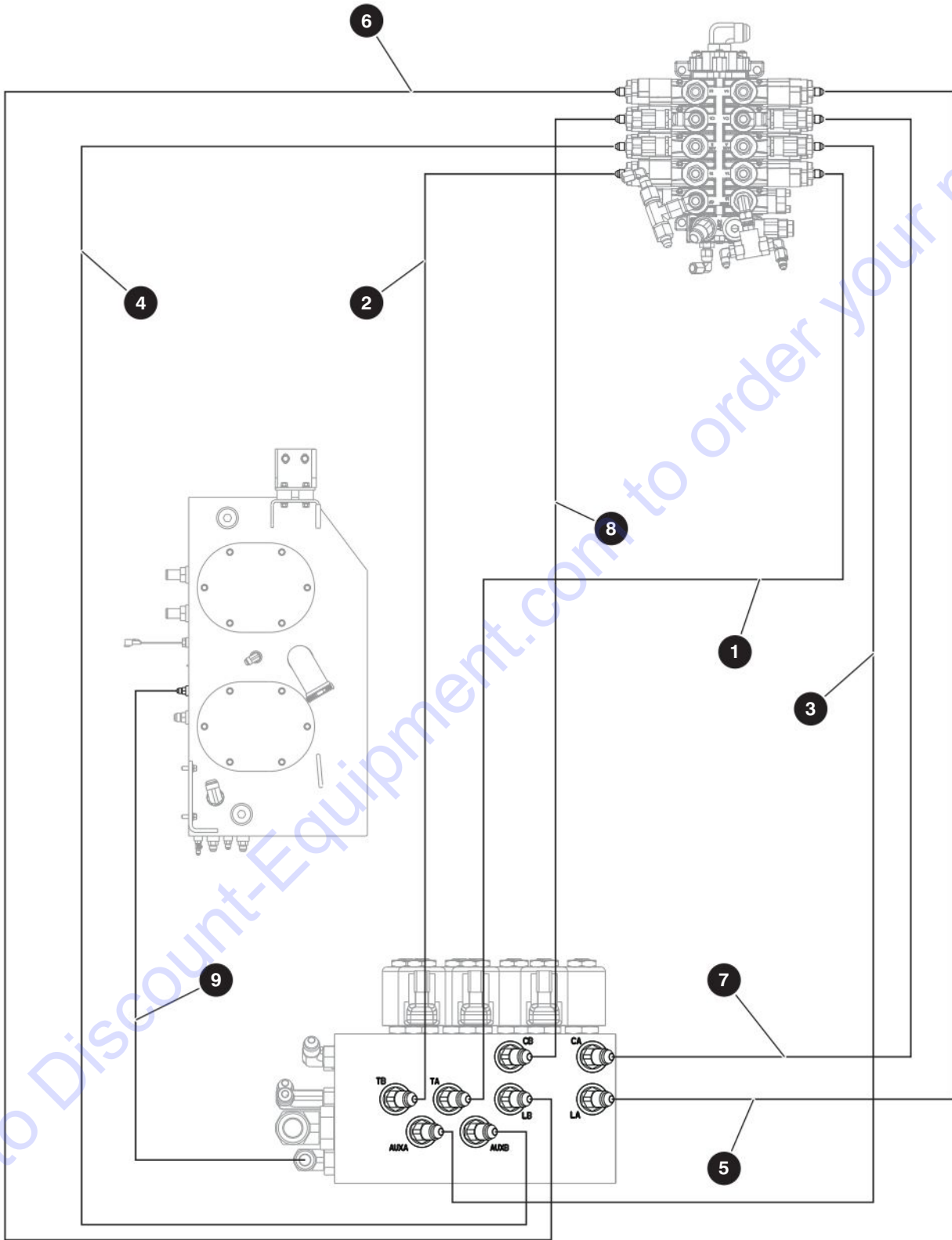
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8.14 Hydraulic Tank Oil Fill

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H340800252	Sight gauge bottom			Hydraulic tank front
2	H340800480	Sight gauge top			Hydraulic tank top

8.15 Pilot Manifold Hoses



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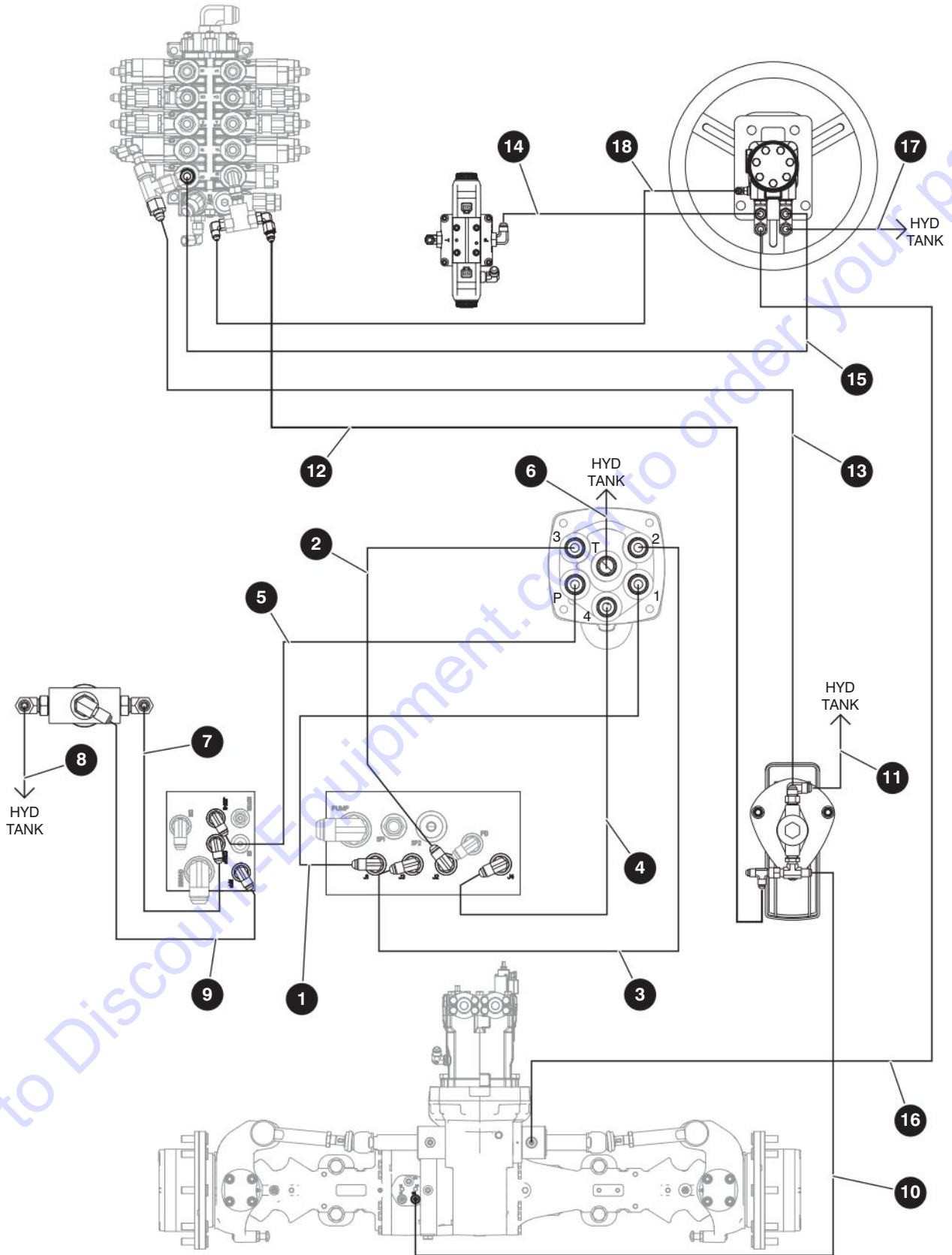
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8.15 Pilot Manifold Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H310401040	Pilot manifold	TA	TA	Main manifold
2	H340401080	Pilot manifold	TB	TB	Main manifold
3	H310401100	Pilot manifold	AUX A	AUX A	Main manifold
4	H340401060	Pilot manifold	AUX B	AUX B	Main manifold
5	H310401060	Pilot manifold	LA	LA	Main manifold
6	H340401100	Pilot manifold	LB	LB	Main manifold
7	H340401070	Pilot manifold	CA	CA	Main manifold
8	H310401100	Pilot manifold	CB	CB	Main manifold
9	H360600472	Pilot manifold	DR1		Tank

8.16 Cab Hydraulic Hoses



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8.16 Cab Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H310400900	Joystick	1	J1	Pilot manifold
2	H310400870	Joystick	2	J2	Pilot manifold
3	H310400900	Joystick	3	J3	Pilot manifold
4	H310400880	Joystick	4	J4	Pilot manifold
5	H310400800	Joystick	P	PP	Pilot manifold
6	H310400650	Joystick	T		Tank
7	H310400500	Aux valve	P	CON-F	Pilot manifold
8	H310400280	Aux valve	T		Tank
9	H310400480	Aux valve	RPP	RPP	Pilot manifold
10	H310400690	Brake	A	P2	Front axle
11	H310600440	Brake	T		Tank
12	H340400970	Brake	A	LS	Main manifold
13	H310601020	Brake	P	CF	Main manifold
14	H310600420	Orbital steering	R	P	Steer select valve
15	H610800980	Orbital steering	P	CF	Main manifold
16	H310600430	Orbital steering	L	L	Front axle
17	H310800540	Orbital steering	T		Tank
18	H310400980	Orbital steering	LS	LS	Main manifold

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Section 9 – Standard and Optional Attachments

9.1 *Mechanical Quick Coupler*

9.2 *Hydraulic Quick Coupler*

9.3 *Standard Carriage*

9.4 *Side Tilt Carriage*

9.5 *Side Shift Carriage*

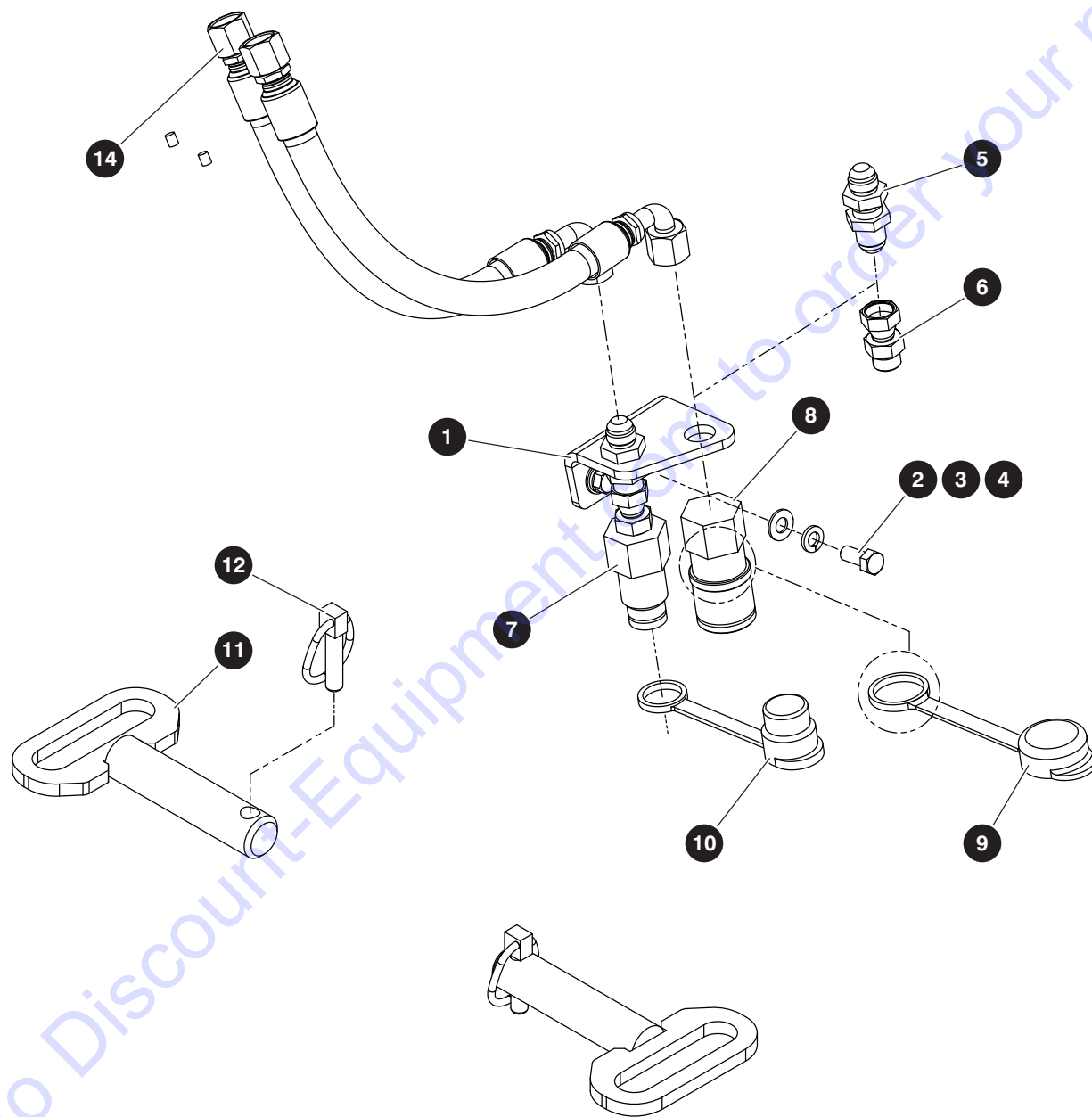
9.6 *Forks*

9.7 *Skid Steer Adapter*

9.8 *72" Trust Boom*

9.9 *1/2 Cubic Yard Bucket*

9.1 Mechanical Quick Coupler



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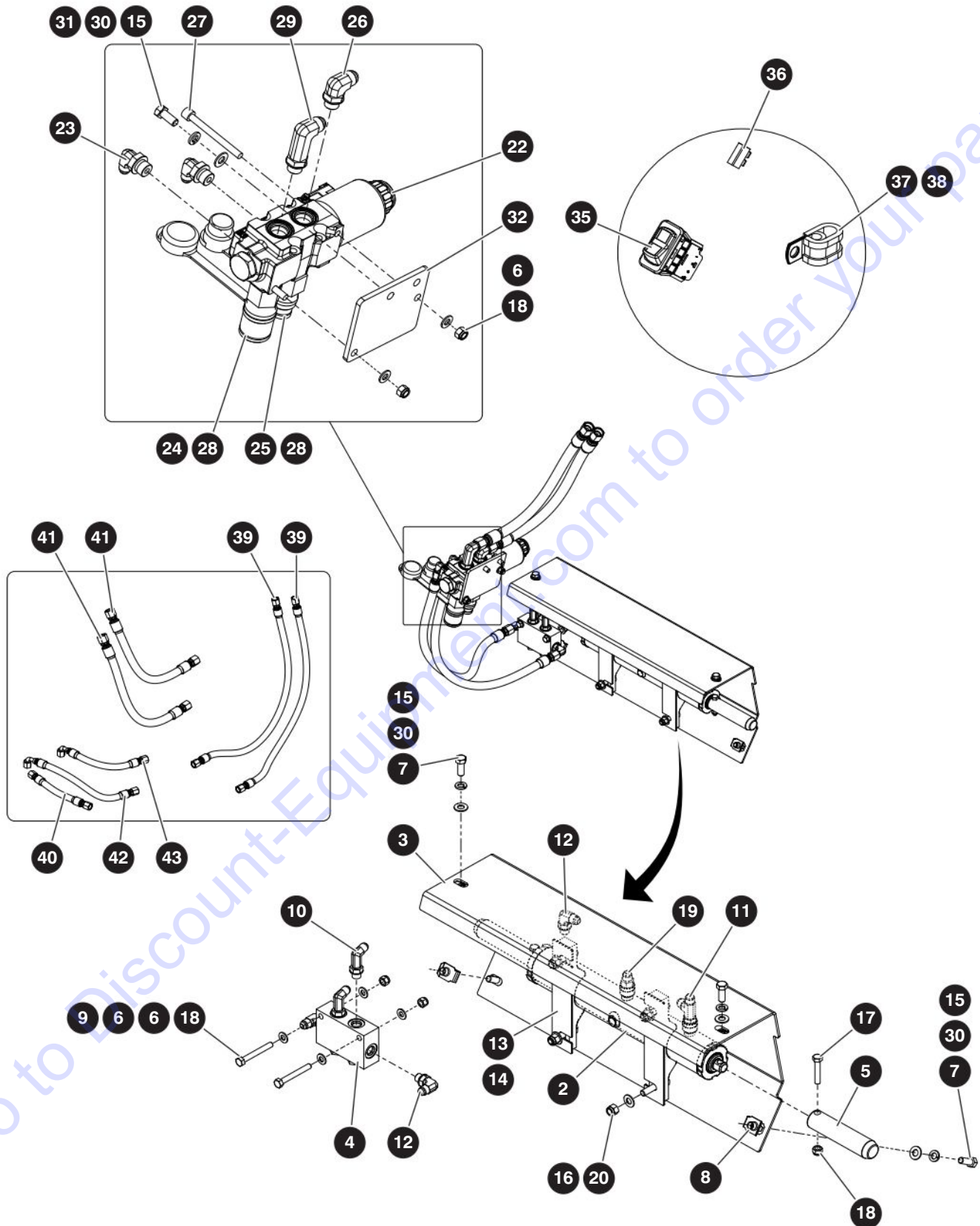
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SKYJACK

9.1 Mechanical Quick Coupler

Index No.	Skyjack Part No.	Qty.	Description
-	9-206174	1	MECHANICAL QUICK COUPLER
1	9-205814	1	• BRACKET, Quick connect
2	9-103472	2	• WASHER, Flat 3/8"
3	9-103999	2	• WASHER, Lock 3/8"
4	9-300437	2	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 5
5	9-702598	2	• FITTING, 08 JIC with lock nut
6	9-194516	2	• FITTING, Straight (08 JICF - 08 ORBM)
7	9-206135	1	• COUPLING, Quick disconnect-male 1/2"
8	9-206134	1	• COUPLING, Quick disconnect-female 1/2"
9	9-926079	1	• DUST CAP, Quick connect co
10	9-926080	1	• DUST CAP, Quick connect ni
11	9-205836	2	• PIN, Hitch connect
12	9-923135	2	• PIN, Lynch 7/16" dia x 1-3/4" long
13	9-140914	30	• SLEEVE, Nylon hose protection HG-28
14	9-H340800170	2	• HOSE, Hydraulic - H34 (0.50 / 100R17 * 17 LG)

9.2 Hydraulic Quick Coupler



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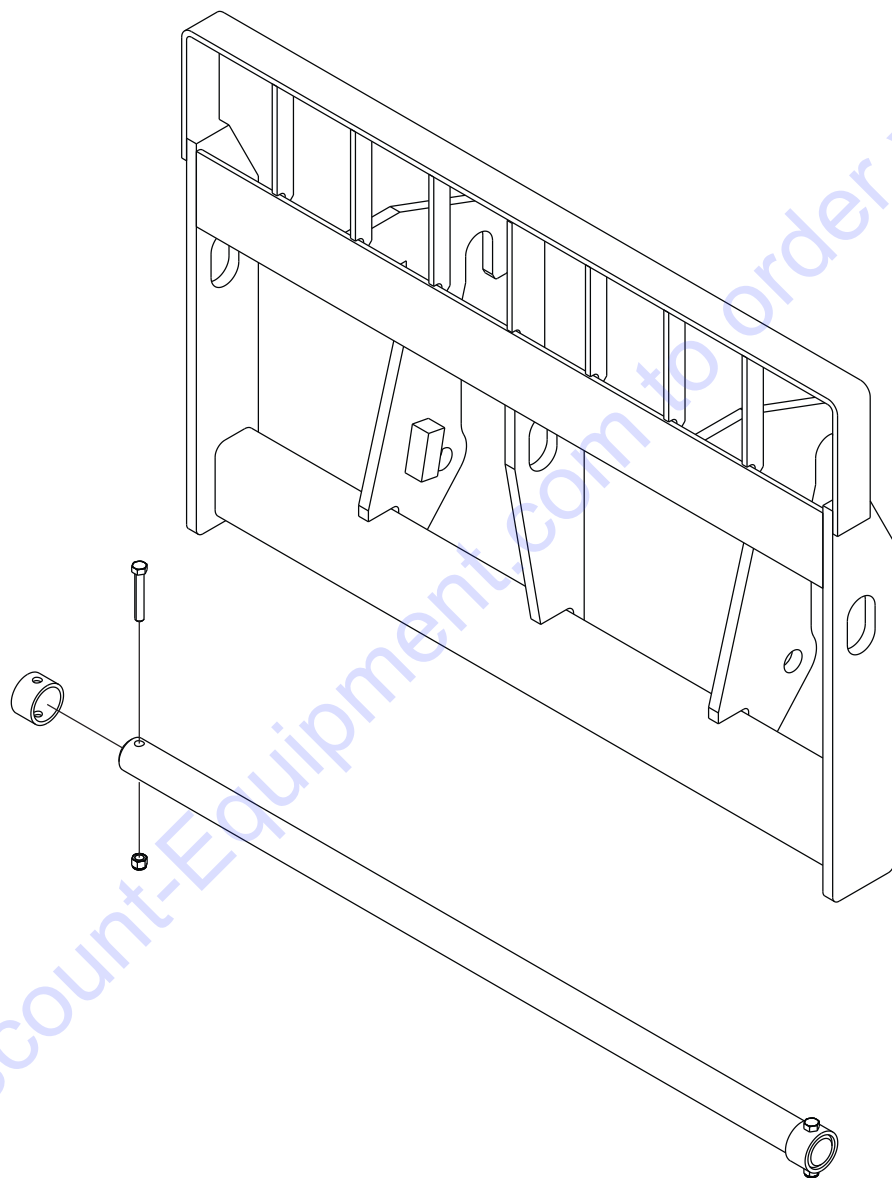
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9.2 Hydraulic Quick Coupler

Index No.	Skyjack Part No.	Qty.	Description
-	9-206175	1	HYDRAULIC QUICK COUPLER
1	9-206171	1	• HARNESS, Diverter valve (not shown)
2	9-205964	1	• CYLINDER, Quick attach - SJ519 TH
3	9-206118	1	• COVER, Quick attach
4	9-205279	1	• VALVE, Double PO check steel
5	9-206103	2	• PIN, Quick attach
6	9-103996	10	• WASHER, Flat 5/16"
7	9-103864	4	• BOLT, Hex head (5/16"-18 x 1" Gr. 5)
8	9-159294	4	• NUT, Speed clip 3/8"-16
9	9-103884	2	• BOLT, Hex Head 5/16"-18 x 2-1/2" Gr. 5
10	9-139104	2	• FITTING, 90° long (06 JICM - 06 ORBM)
11	9-114581	1	• FITTING, Run tee (06 JICM - 06 ORBM - 06 JICM)
12	9-114578	3	• FITTING, 90D 06JICM06ORBM
13	9-205462	2	• SHIM, 0.36" Quick attach
14	9-205461	2	• SHIM, 0.060" Quick attach
15	9-103472	10	• WASHER, Flat 3/8"
16	9-103871	4	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 5
17	9-103885	2	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
18	9-103984	6	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
19	9-103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
20	9-104606	4	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
21	9-140914	239	• SLEEVE, Nylon hose protection HG-28
22	9-205616	1	• VALVE, Diverter SJ519 TH
	9-224144	1	• • COIL
23	9-102665	2	• FITTING, 90° (06 JICM - 08 ORBM)
24	9-206135	1	• COUPLING, Quick disconnect-male 1/2"
25	9-206134	1	• COUPLING, Quick disconnect-female 1/2"
26	9-114583	1	• FITTING, 90° (08 JICM - 08 ORBM)
27	9-191119	2	• SCREW, Socket Head, 5/16"-18 x 3-1/4"
28	9-205967	2	• FITTING, Straight (08 ORBM - 08 ORBM)
29	9-702798	1	• FITTING, 90° LL (08 JICM - 08 ORBM)
30	9-103999	2	• WASHER, Lock 3/8"
31	9-300437	2	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 5
32	9-205815	1	• BRACKET, Diverter mount
33	9-926079	1	• DUST CAP, Quick connect CO
34	9-926080	1	• DUST CAP, Quick connect NI
35	9-206757	1	• SWITCH, Quick attach ON/OFF
36	9-156203	1	• FUSE, ATO, 10 A
37	9-102972	1	• CLAMP, Loop cushion double (G08)
38	9-931964	1	• CLAMP, Tube (3/8")
39	H310600290	2	HOSE HYDR - H31 (0.38 / 100R17 * 29 LG)
40	H610600092	1	HOSE HYDR - H61 (0.38 / 100R16 * 9.5 LG)
41	H310800190	2	HOSE HYDR - H31 (0.50 / 100R17 * 19 LG)
42	H620600150	1	HOSE HYDR - H62 (0.38 / 100R16 * 15 LG)
43	H620600112	1	HOSE HYDR - H62 (0.38 / 100R16 * 11.5 LG)

9.3 Standard Carriage



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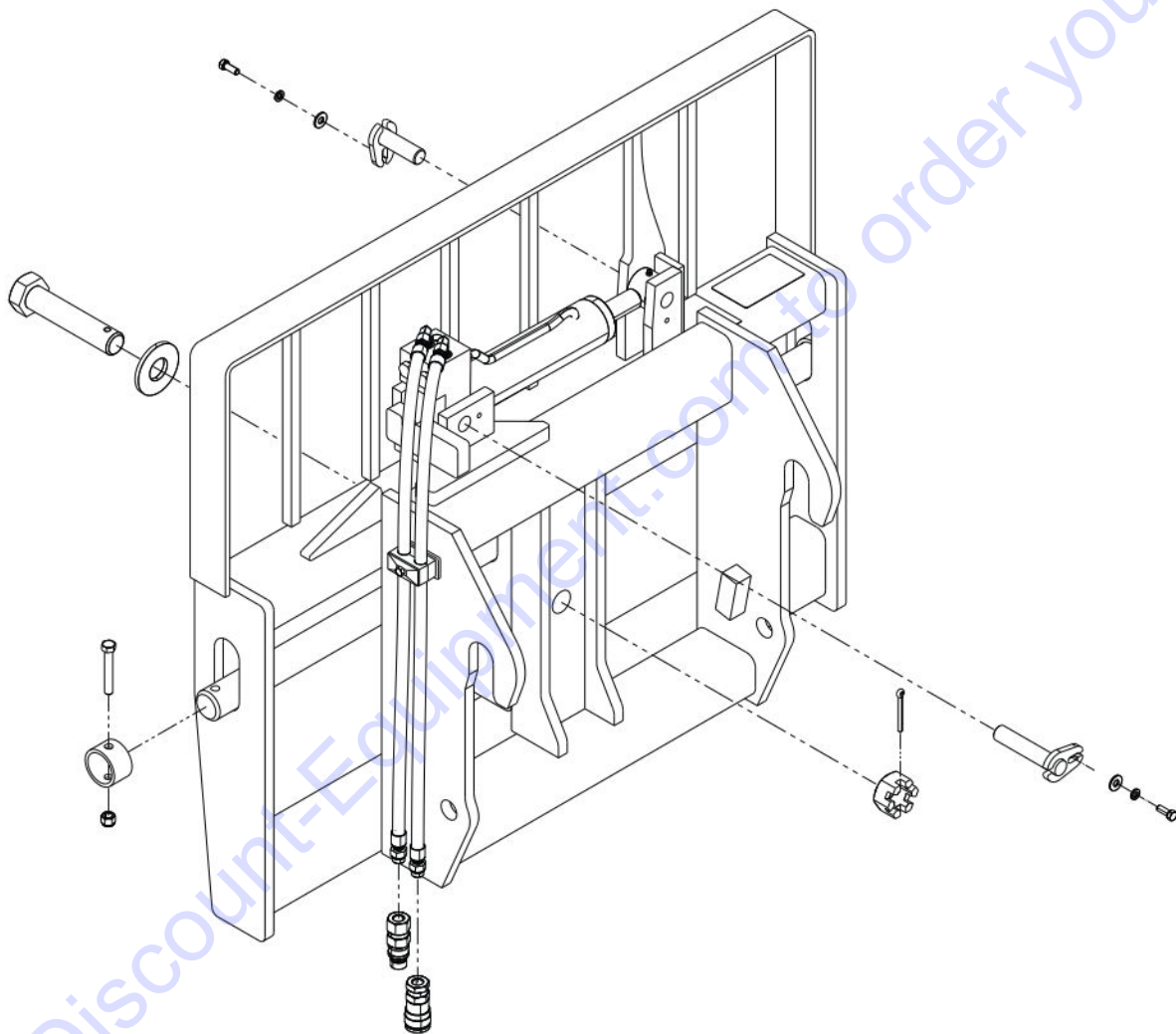
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9.3 Standard Carriage

Index No.	Skyjack Part No.	Qty.	Description
1	9-205228	1	STANDARD CARRIAGE 48"

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9.4 Side Tilt Carriage



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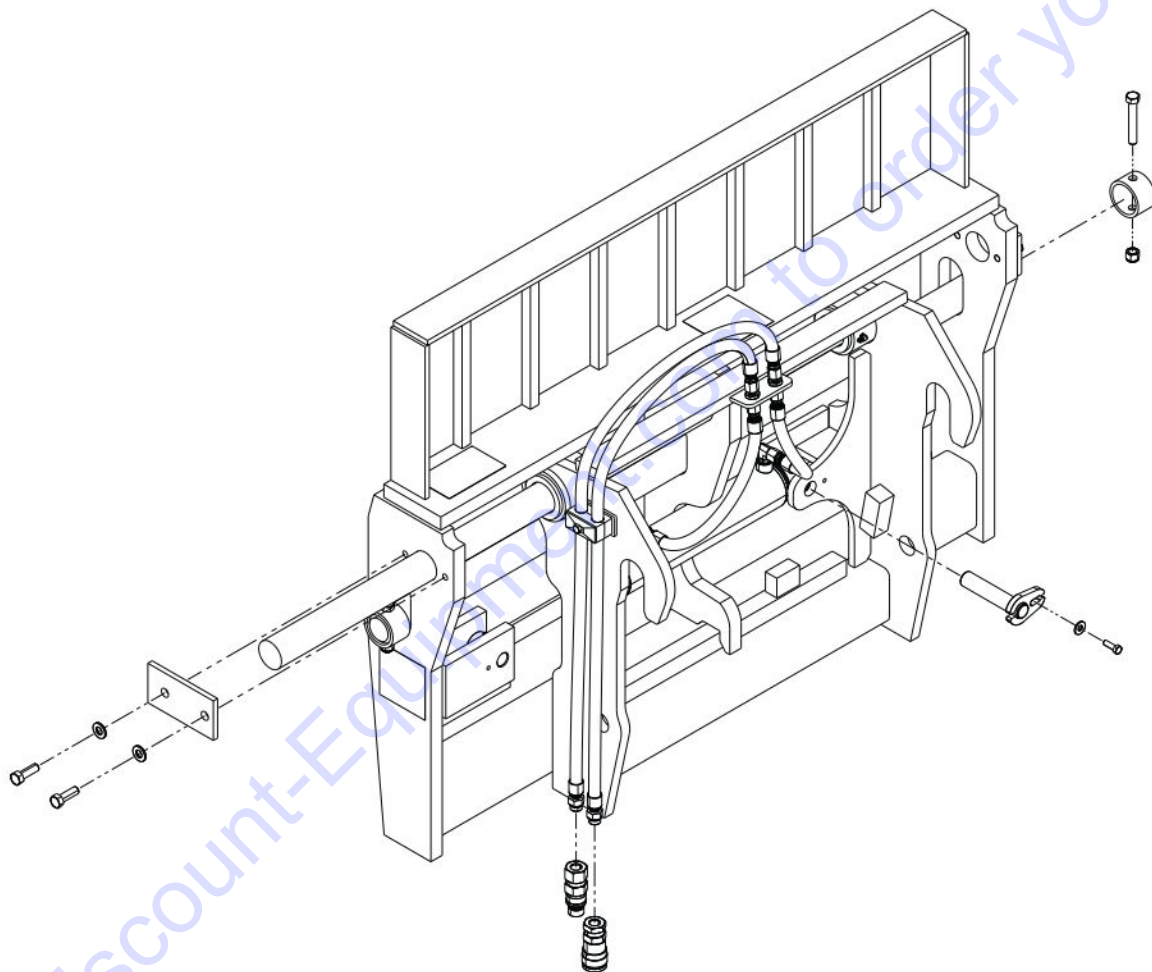
SKYJACK

9.4 Side Tilt Carriage

Index No.	Skyjack Part No.	Qty.	Description
1	9-205239	1	SIDE TILT CARRIAGE 48"

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9.5 Side Shift Carriage



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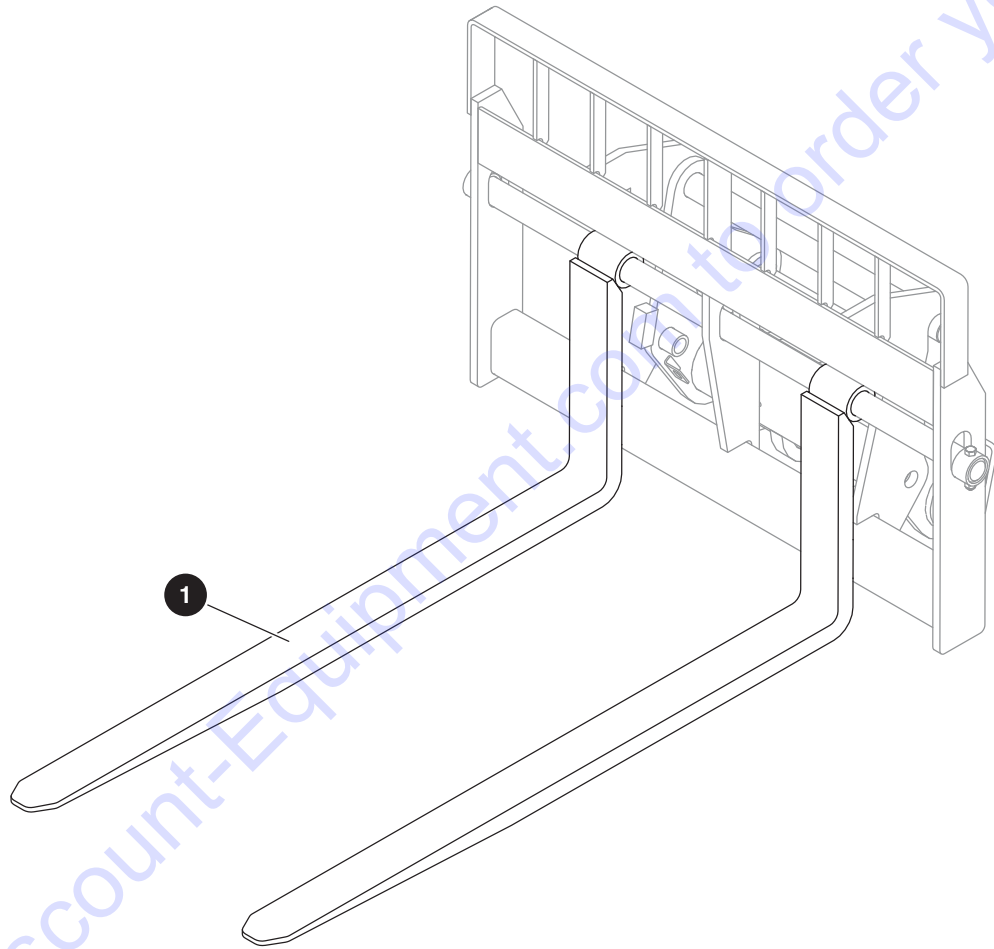
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9.5 Side Shift Carriage

Index No.	Skyjack Part No.	Qty.	Description
1	9-205240	1	SIDE SHIFT CARRIAGE 48"

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9.6 Forks



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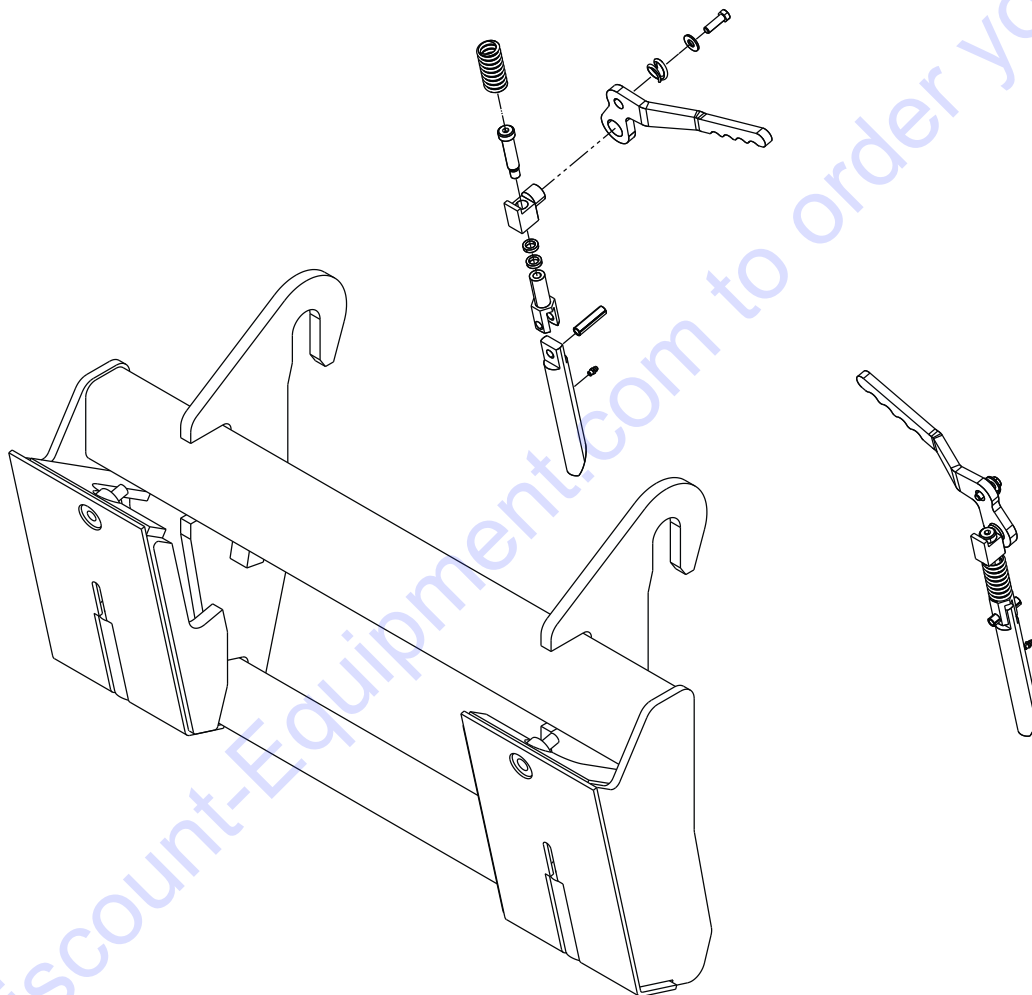
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9.6 Forks

Index No.	Skyjack Part No.	Qty.	Description
A	9-206867	1	FORKS, 1.57 x 3.94 x 48 pallet, subgroup
B	9-206868	1	FORKS, 1.57 x 3.94 x 60 pallet, subgroup
C	9-206869	1	FORKS, 1.57 x 3.94 x 48 tapered, subgroup
D	9-206870	1	FORKS, 1.97 x 1.57 x 48 block, subgroup
1	9-206298	2	• FORK, 1.57 x 3.94 x 48 pallet - A
	9-206299	2	• FORK, 1.57 x 3.94 x 60 pallet - B
	9-206300	2	• FORK, 1.57 x 3.94 x 48 tapered lumber - C
	9-206301	4	• FORK, 1.97 x 1.57 x 48 block - D

9.7 Skid Steer Adapter



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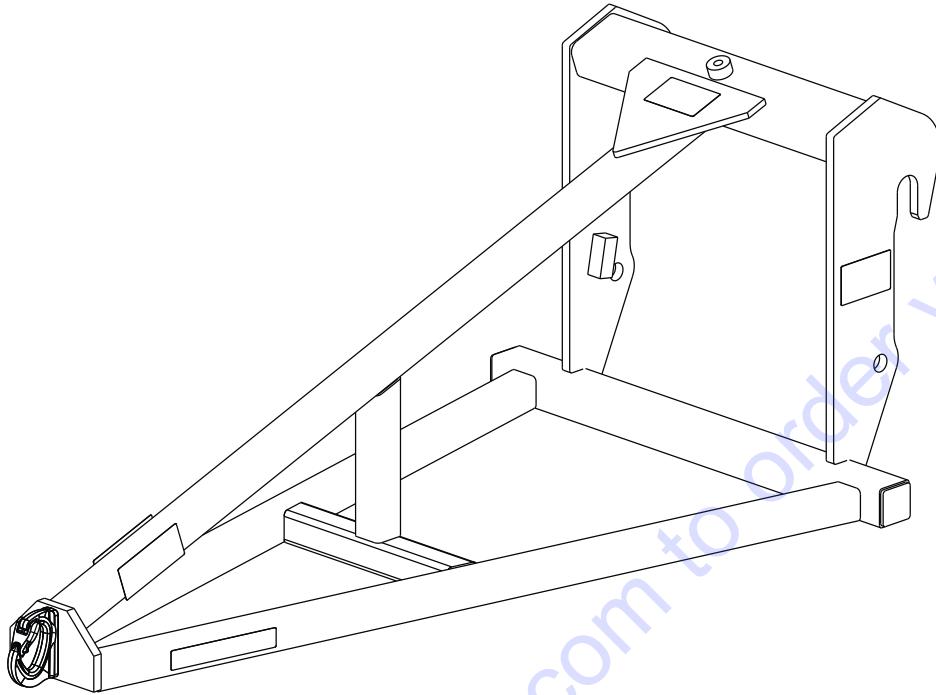
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9.7 Skid Steer Adapter

Index No.	Skyjack Part No.	Qty.	Description
1	9-206089	1	SKID STEER ADAPTOR

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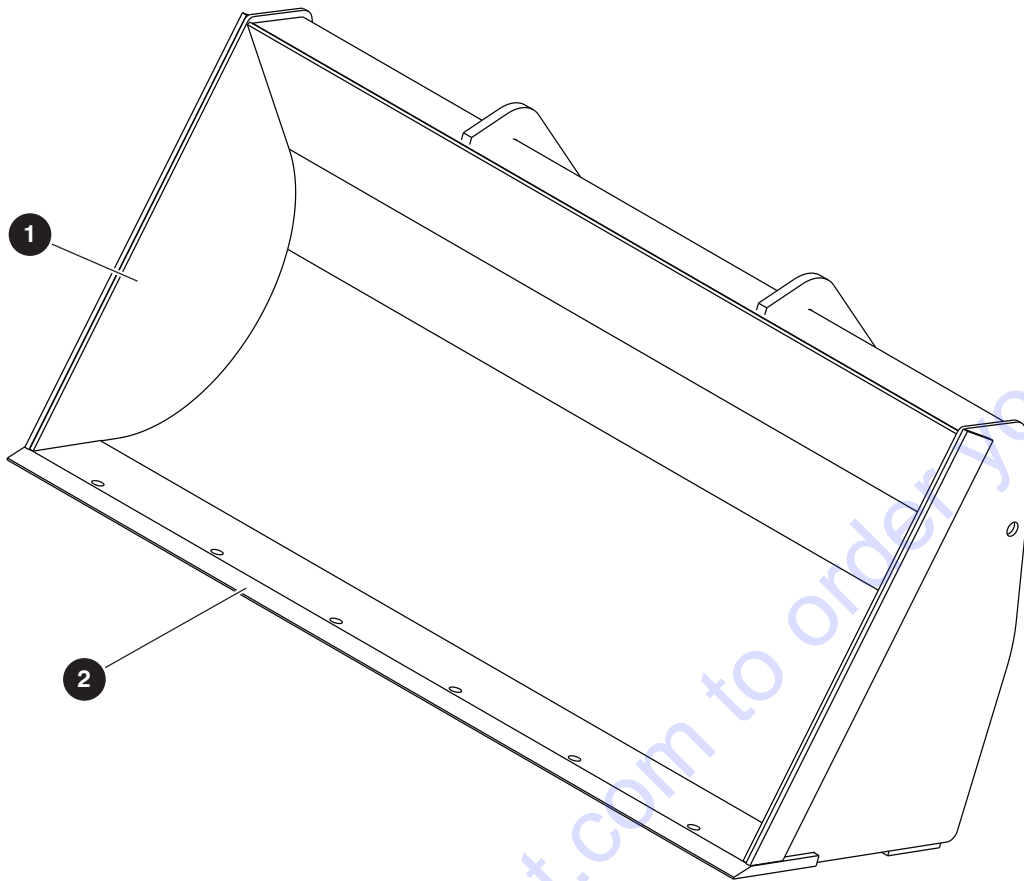
9.8 72" Truss Boom



M206855AA

Index No.	Skyjack Part No.	Qty.	Description
1	9-206855	1	TRUSS BOOM, 72" 2000 LB

9.9 1/2 Cubic Yard Bucket



M206856AA

Index No.	Skyjack Part No.	Qty.	Description
1	9-206125	1	BUCKET, 1/2 CU YD 66"
2	9-232525	1	• BAR, Scraper

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Section 10 – Factory Options

10.1 *Road Lights*

10.2 *Boom and Work Lights*

10.3 *Work Lights*

10.4 *Beacon Light*

10.5 *Four Wheel Fenders*

10.6 *Backup Camera and Sensor*

10.7 *Backup Sensor*

10.8 *Potentiometer*

10.9 *Positive Air Shutoff*

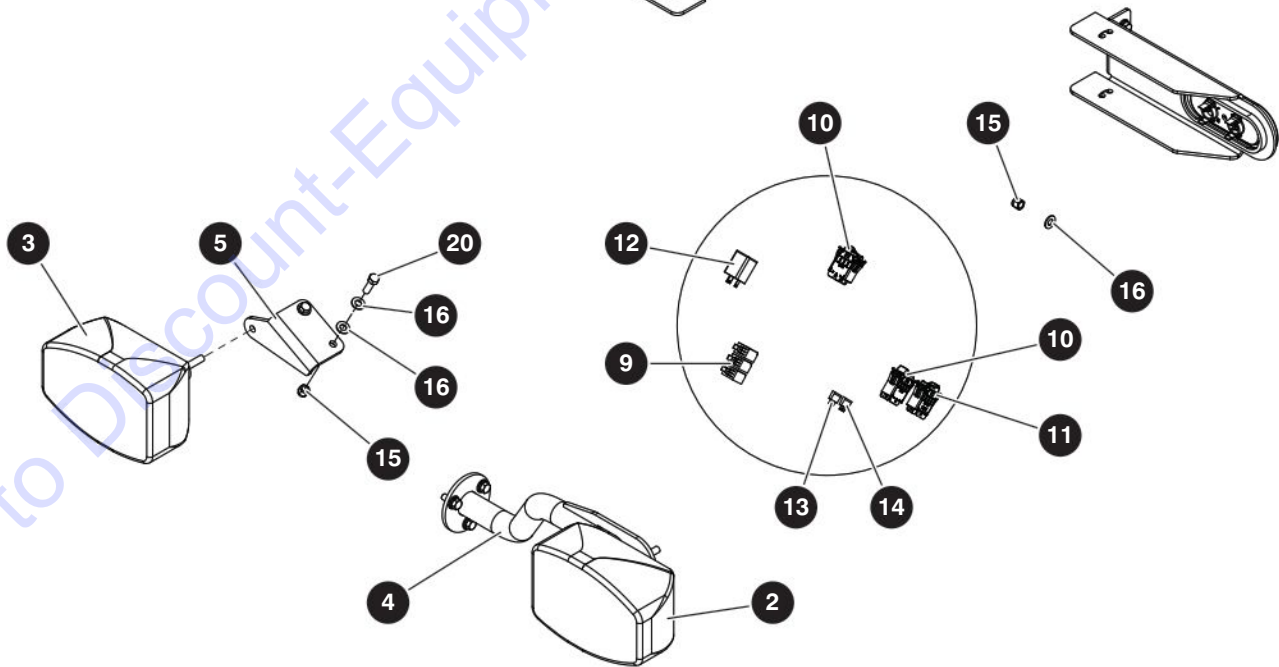
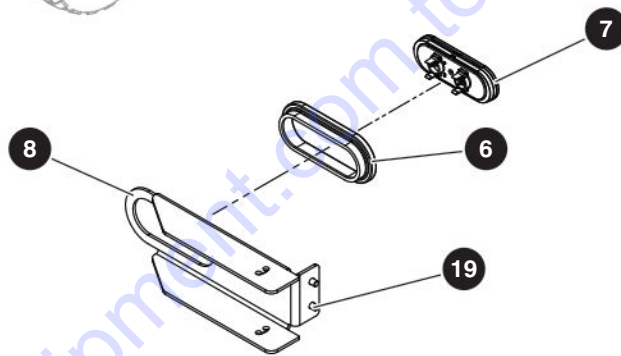
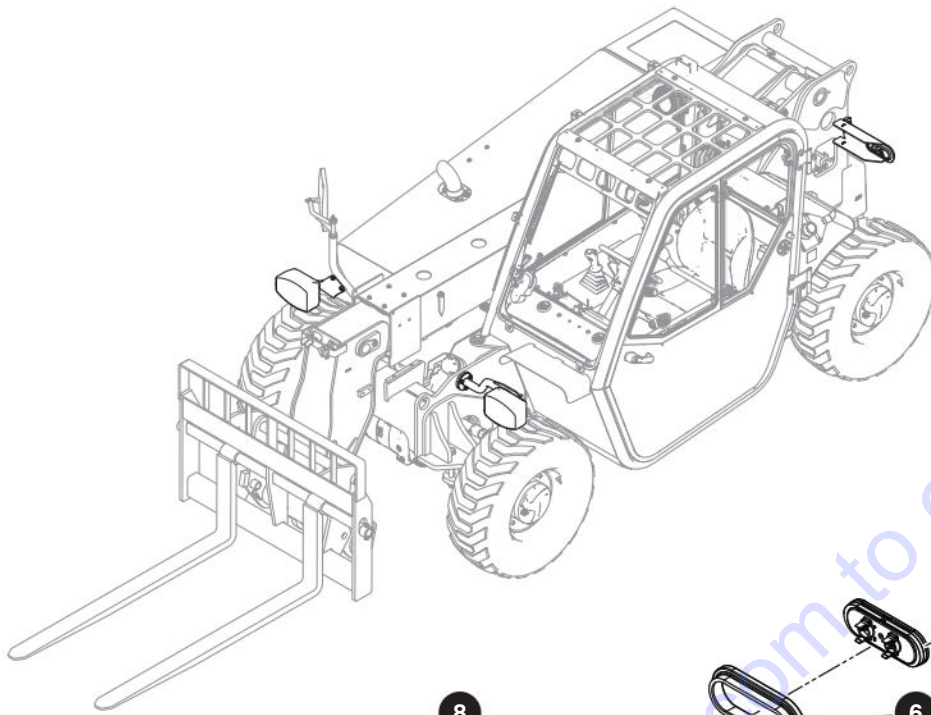
10.10 *Air Conditioner*

10.11 *A/C Compressor*

10.12 *Fire Extinguisher Bracket*

10.13 *Service Convenience Kit*

10.1 Road Lights



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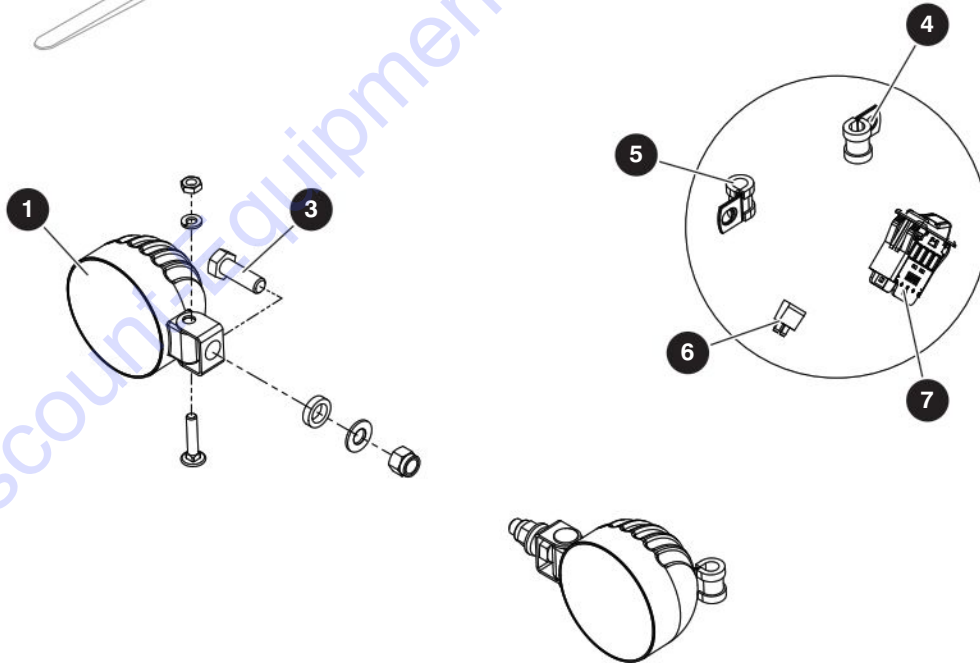
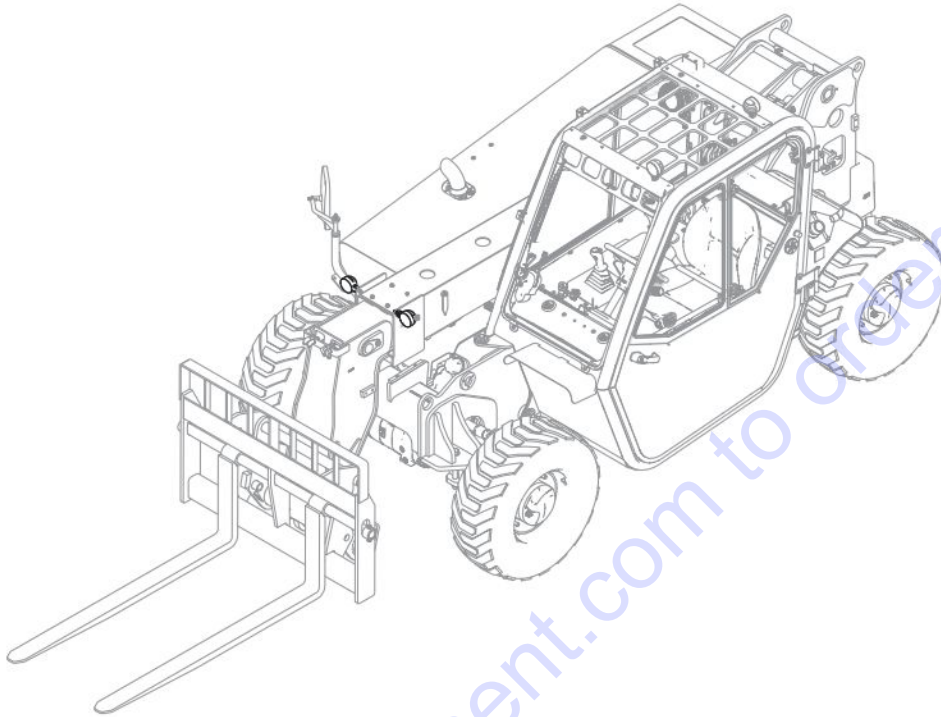
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10.1 Road Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-224064	1	ROAD LIGHTS
1	9-206205	1	• HARNESS, Road light
2	9-190596	1	• LIGHTS, Road front left hand
3	9-196380	1	• LIGHTS, Road front right hand
4	9-206306	1	• SUPPORT, Roadlight left hand
5	9-206621	1	• BRACKET, Roadlight right hand
6	9-191758	2	• GROMMET, Oval lamp
7	9-190578	2	• LIGHT, Stop/tail/turn/backup
8	9-206305	2	• BRACKET, Roadlight rear
9	9-233301	3	• RELAY
10	9-191457	2	• SWITCH, Rocker
11	9-191455	1	• SWITCH, Boomlight/haz-posi
12	9-925386	1	• FLASHER
13	9-156202	1	• FUSE, ATO, 5 A
14	9-156204	1	• FUSE, ATO, 15 A
15	9-104606	3	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
16	9-103472	12	• WASHER, Flat 3/8"
17	9-103999	7	• WASHER, Lock 3/8"
18	9-103473	3	• BOLT, Hex head zinc plated (3/8"-16 x 1" Gr. 5)
19	9-101632	4	• BOLT, Hex head zinc plated (3/8"-16 x 3/4" Gr. 5)
20	9-101297	2	• BOLT, Hex head zinc plated (3/8"-16 x 1-1/4" Gr. 5)
21	9-223625	1	• INSTRUCTIONS, Road Light Installation

10.2 Boom and Work Lights



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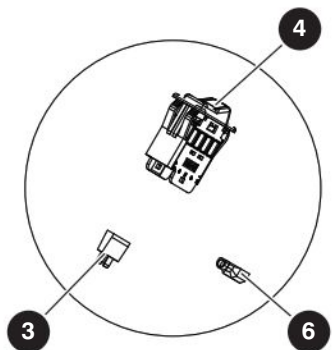
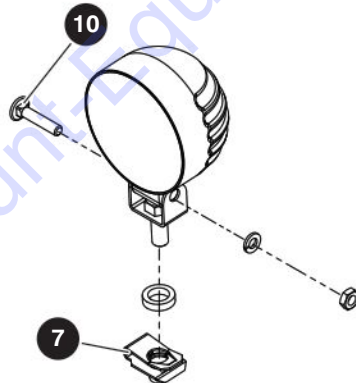
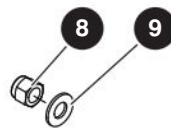
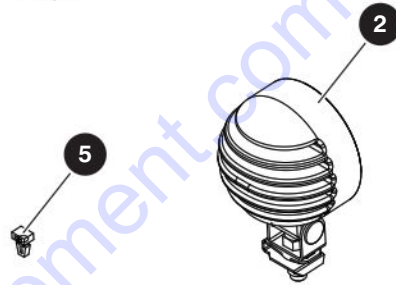
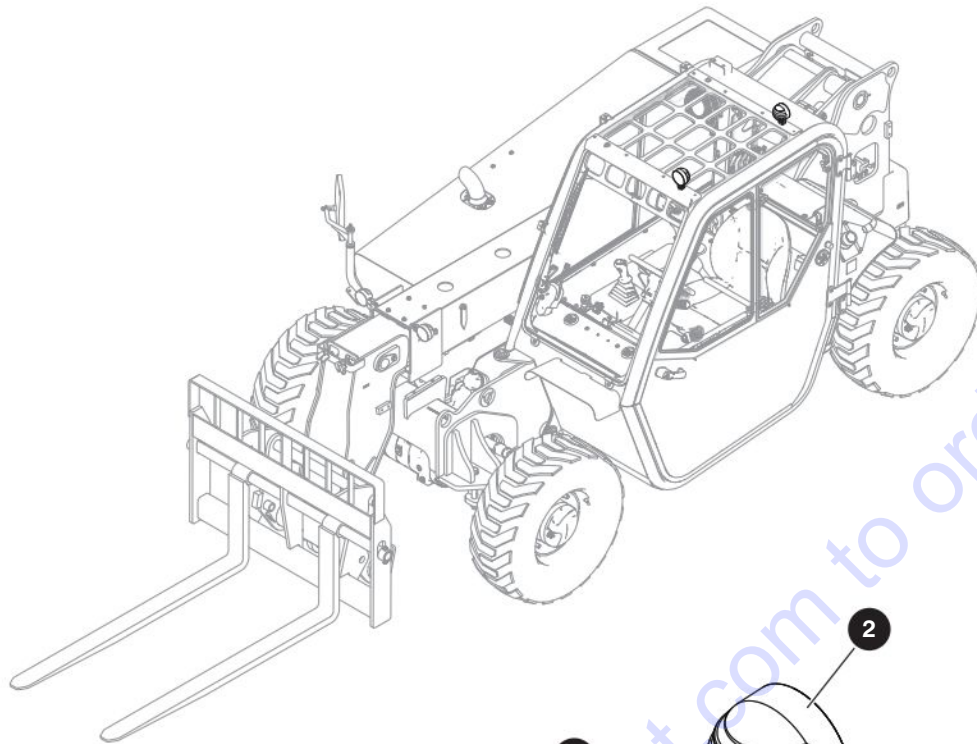
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10.2 Boom and Work Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-224065	1	BOOM LIGHTS
1	9-171888	2	• WORK LAMP
2	9-206206	1	• HARNESS, Boom lights (not shown)
3	9-115745	2	• BOLT, Hex Head M10 x 1.5 x 30 mm CL 8.8 ZP
4	9-931964	1	• CLAMP, Tube (3/8")
5	9-206740	2	• CLAMP, Loop cushion single (G6) - 3/8" bolt
6	9-156203	1	• FUSE, ATO, 10 A
7	9-191455	1	• SWITCH, Boom light - hazard- posi air
8	9-223626	1	• INSTRUCTIONS, Boom lights Installation (Not shown)

10.3 Work Lights

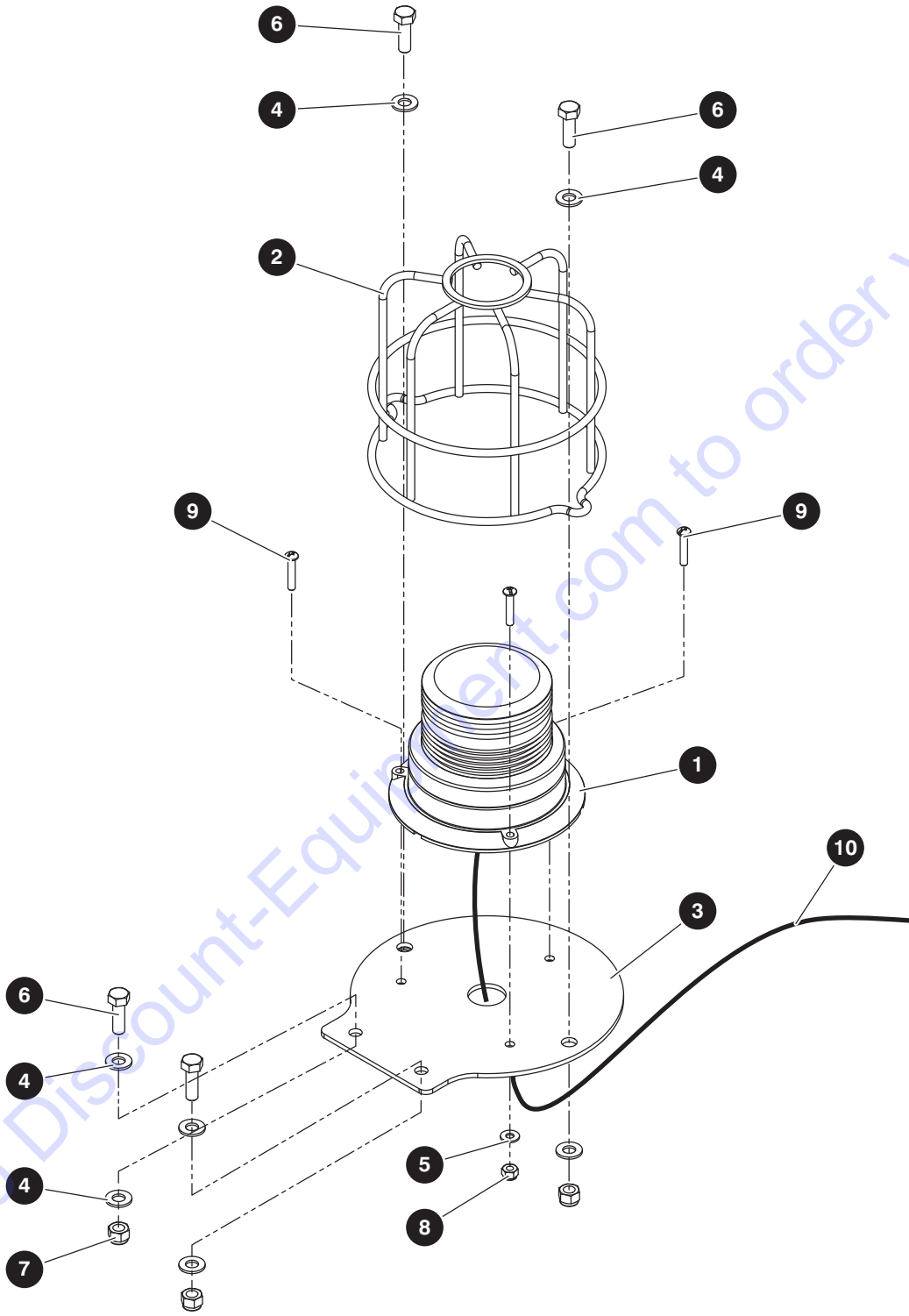


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10.3 Work Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-224213	1	WORK LIGHTS
1	9-206207	1	• HARNESS, Work light (not shown)
2	9-171888	2	• WORK LAMP
3	9-156203	1	• FUSE, ATO, 10 A
4	9-191457	1	• SWITCH, Rocker
5	9-191865	8	• PUSH MOUNT, 1/4"
6	9-105360	1	• TERMINAL, Male 14-16GA x 1/4
7	9-159294	2	• NUT, Speed clip 3/8"-16
8	9-104606	1	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
9	9-103472	1	• WASHER, Flat 3/8"
10	9-103473	2	• BOLT, Hex head zinc plated (3/8"-16 x 1" Gr. 5)
11	9-224214	1	• INSTRUCTION, Work Lights Installation (Not Shown)

10.4 Beacon Light



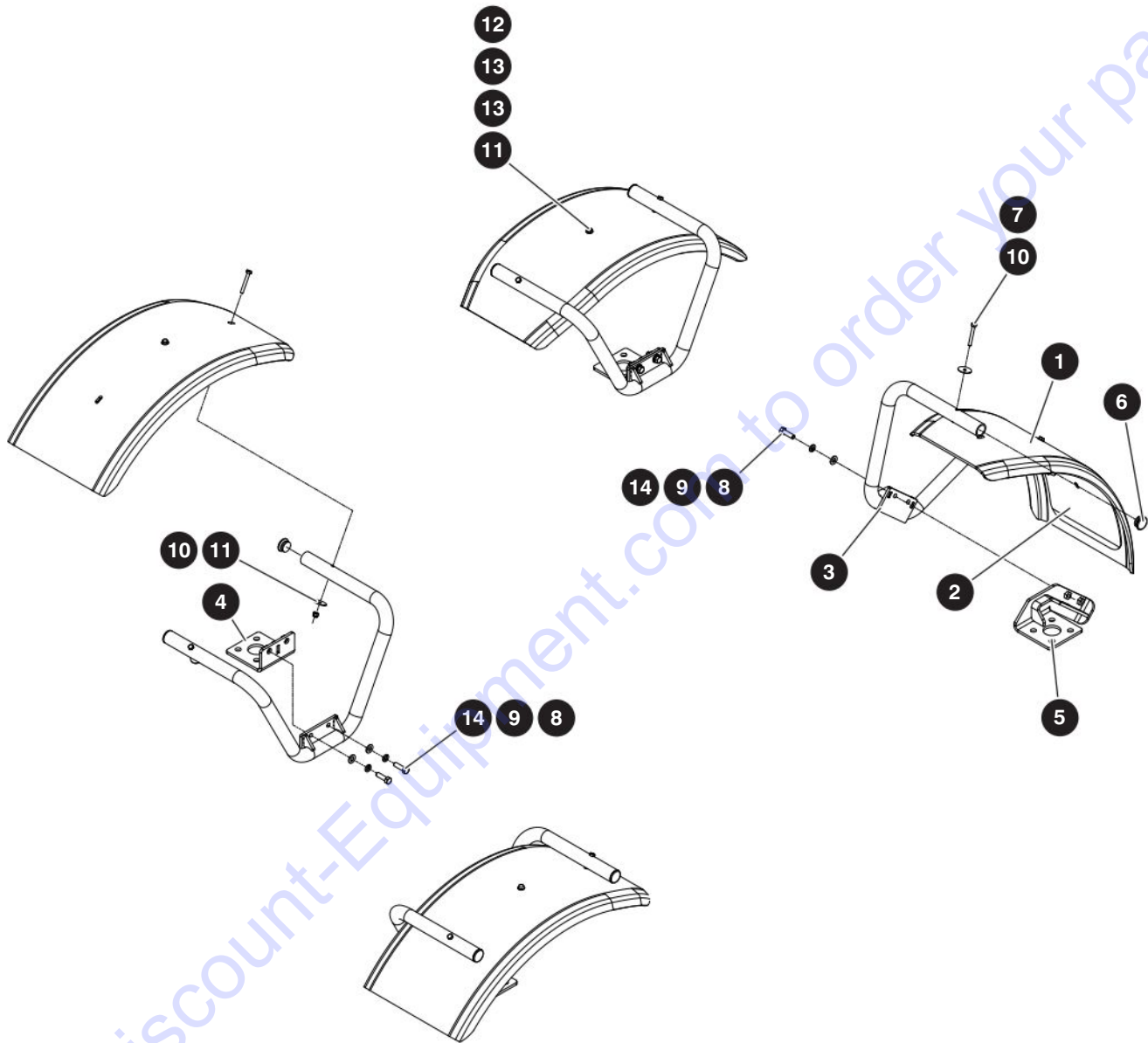
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10.4 Beacon Light

Index No.	Skyjack Part No.	Qty.	Description
-	9-199050	1	ASSEMBLY, AMBER FLASHING LIGHT
1	9-144078	1	• ASSEMBLY, Flashing amber light
2	9-934724	1	• CAGE, Strobe light
3	9-191453	1	• PLATE, Beacon mount
4	9-103996	8	• WASHER, Flat 5/16" SAE
5	9-104694	3	• WASHER, Flat #10
6	9-103864	4	• BOLT, Hex head 5/16"-18 x 1" Gr. 5
7	9-103984	4	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
8	9-300450	3	• NUT, Lock with nylon insert 10-32 Gr. 5
9	9-105621	3	• SCREW, Round head machine 10-32 x 1"
10	9-206338	1	• HARNESS, Beacon light

10.5 Four Wheel Fenders



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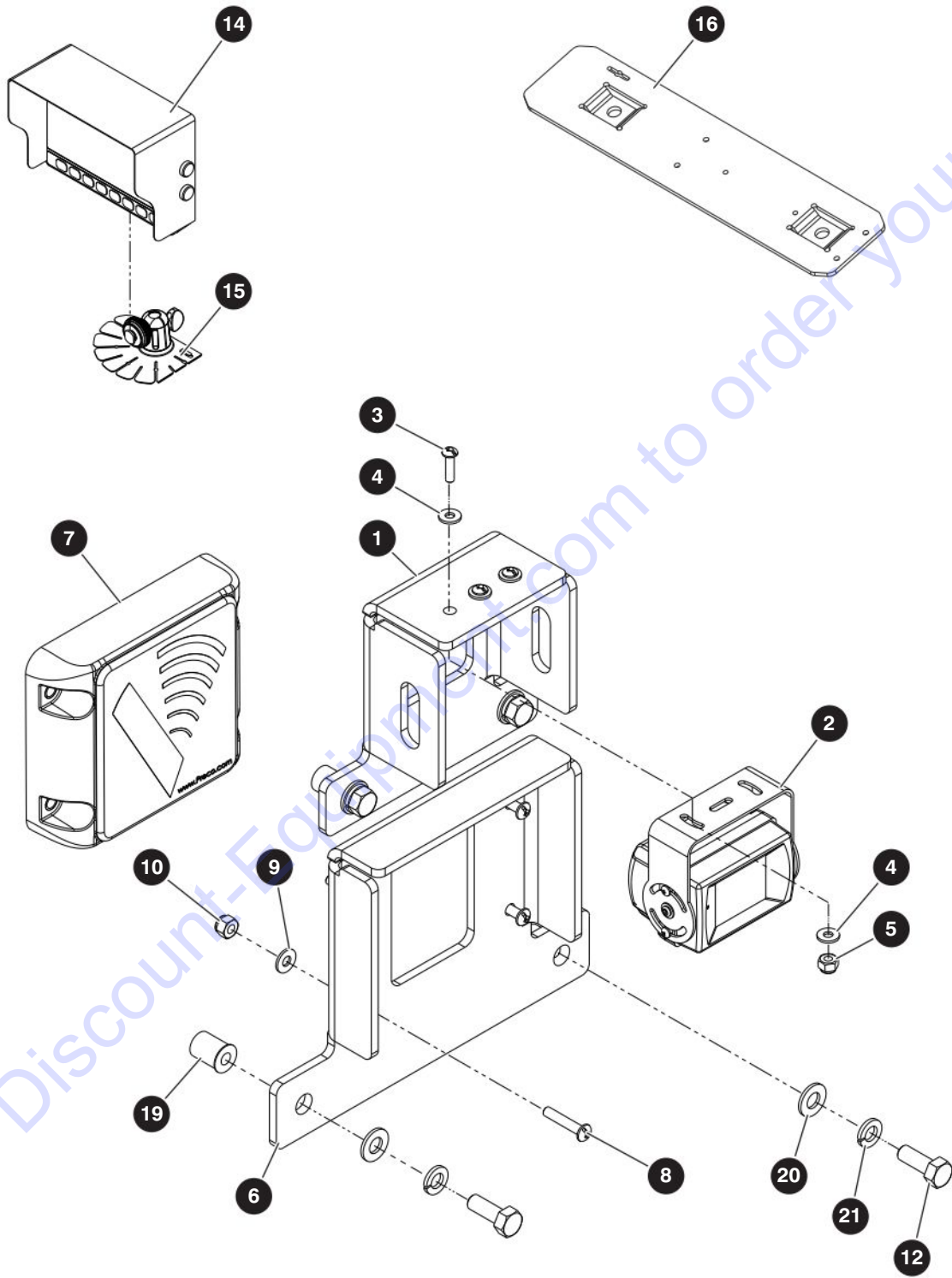
SJ519 TH

SKYJACK

10.5 Four Wheel Fenders

Index No.	Skyjack Part No.	Qty.	Description
-	9-206615	1	FOUR WHEEL FENDER
1	9-206272	4	• WING, TH Fenders
2	9-206611	4	• PLATE, Fender support
3	9-206624	4	• WELDMENT, Fender
4	9-206646	3	• WELDMENT, Fender base
5	9-206698	1	• WELDMENT, Fender base rear left hand
6	9-159462	8	• END PLUG, Round
7	9-103861	8	• BOLT, Hex head zinc plated (1/4"-20 x 2" Gr. 5)
8	9-101297	8	• BOLT, Hex head zinc plated (3/8"-16 x 1-1/4" Gr. 5)
9	9-125959	8	• WASHER, Flat 3/8" hard
10	9-700598	12	• WASHER, Fender 1-1/4" O.D. - 9/32 I.D
11	9-115649	12	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
12	9-103891	4	• BOLT, Hex Head 1/4"-20 x 7/8" Gr. 5
13	9-103995	4	• WASHER, Flat 1/4"
14	9-103999	8	• WASHER, Lock 3/8"

10.6 Backup Camera and Sensor



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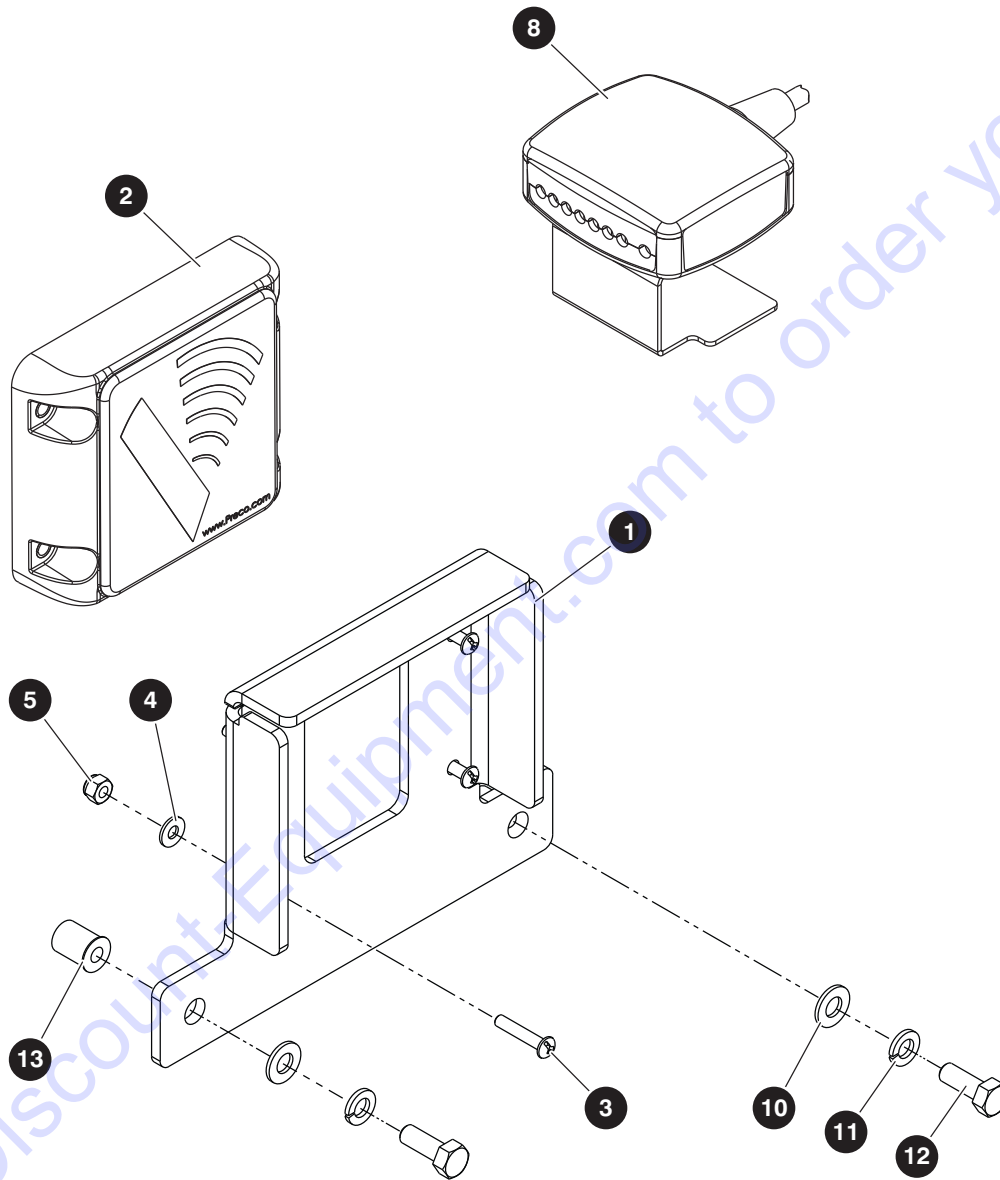
SJ519 TH

SKYJACK

10.6 Backup Camera and Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	9-224070	1	KIT, BACK UP CAMERA AND SENSOR
1	9-206279	1	• BRACKET, Rear view camera
2	9-212196	1	• CAMERA, Back up
3	9-116192	3	• SCREW, Round head machine 8-32 x 5/8"
4	9-103991	3	• WASHER, Flat #8
5	9-207240	3	• NUT, Lock with nylon insert 8-32 Gr. 5
6	9-206271	1	• BRACKET, Reverse warning device
7	9-211708	1	• SENSOR, Back up sentry
8	9-151155	4	• SCREW, Round head machine 10-24 x 1"
9	9-104694	4	• WASHER, Flat #10
10	9-126642	4	• NUT, Lock with nylon insert 10-24 Gr. 5
11	9-224173	1	• CABLE, Back up camera (Not Shown)
12	9-207266	4	• BOLT, HXHD 0.312-18 X 0.875 GR5
13	9-224167	1	• HARNESS, Reverse warning sys. th (Not Shown)
14	9-211707	1	• DISPLAY, Back up camera
15	9-212195	1	• STAND, Monitor - modified
16	9-206137	1	• MOUNT, Telematics and monitor
17	9-114595	1	• TERMINAL, Female 18-22 awg red (Not Shown)
18	9-111354	1	• WIRE PROTECTOR (Not Shown)
19	9-162464	4	• INSERT, .313-18 AK OPEN .027-.150
20	9-103996	4	• Washer Flat 0.312
21	9-103404	4	• WASHER, LOCK 0.312
22	9-223630	1	• INSTRUCTIONS, Backup camera and sensor installation (Not shown)

10.7 Backup Sensor



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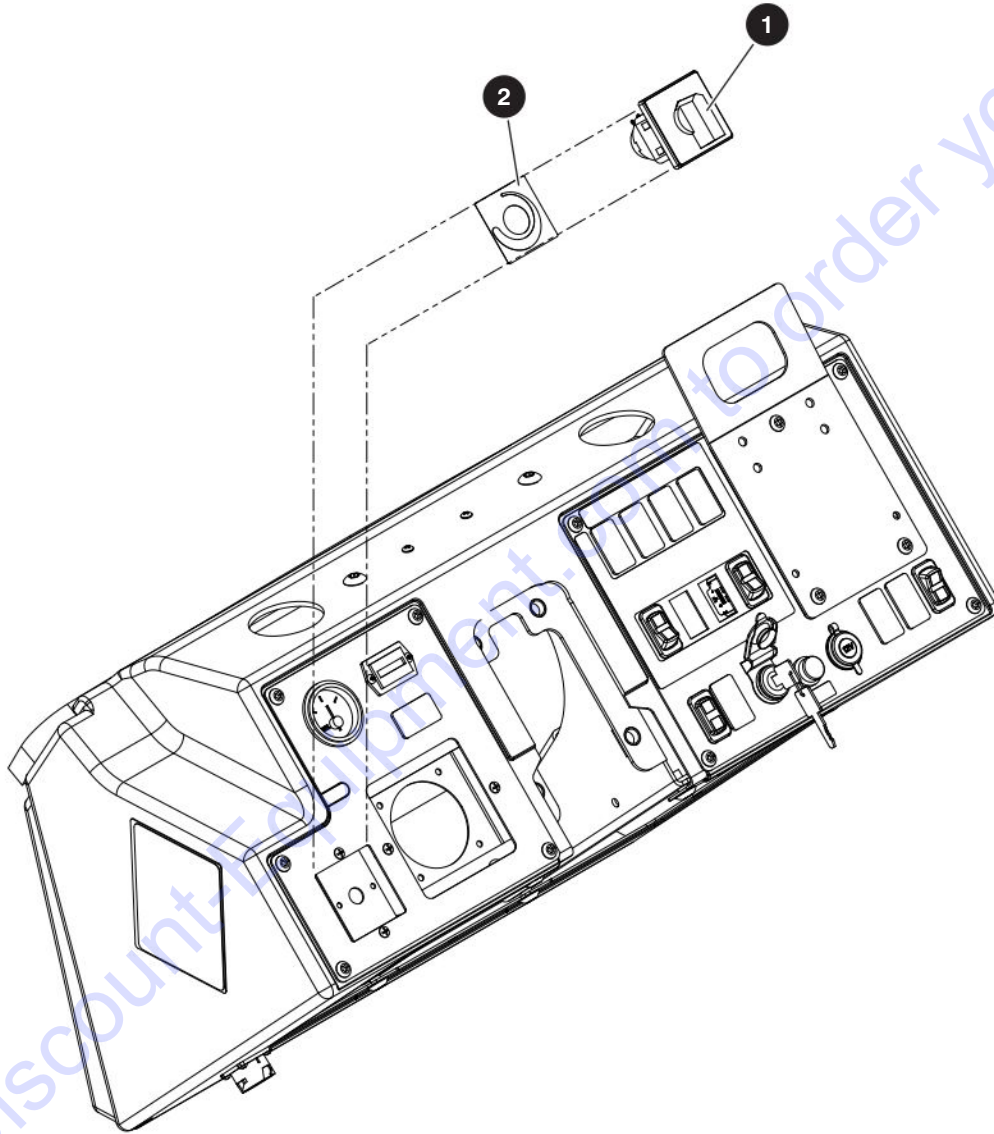
182

SJ519 TH
SKYJACK

10.7 Backup Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	9-205785	1	KIT, BACK UP SENSOR
1	9-206271	1	• BRACKET, Reverse warning device
2	9-211708	1	• SENSOR, Back up sentry
3	9-151155	4	• SCREW, Round head machine 10-24 x 1"
4	9-104694	4	• WASHER, Flat #10
5	9-126642	4	• NUT, Lock with nylon insert 10-24 Gr. 5
6	9-211746	1	• HARNESS, back up sensor (Not Shown)
7	9-211672	1	• HARNESS, Reverse warning sys. TH (Not Shown)
8	9-211695	1	• DETECTOR, Reverse warning
9	9-205787	1	• INSTRUCTION, Back up sensor installation (Not Shown)
10	9-103996	4	• Washer Flat 5/16"
11	9-103404	4	• WASHER, Lock 5/16"
12	9-207266	4	• BOLT, Hex Head 5/16"-18 X 0.875 GR5
13	9-162464	4	• INSERT, 5/16"-18 AK open .027-.150

10.8 Potentiometer



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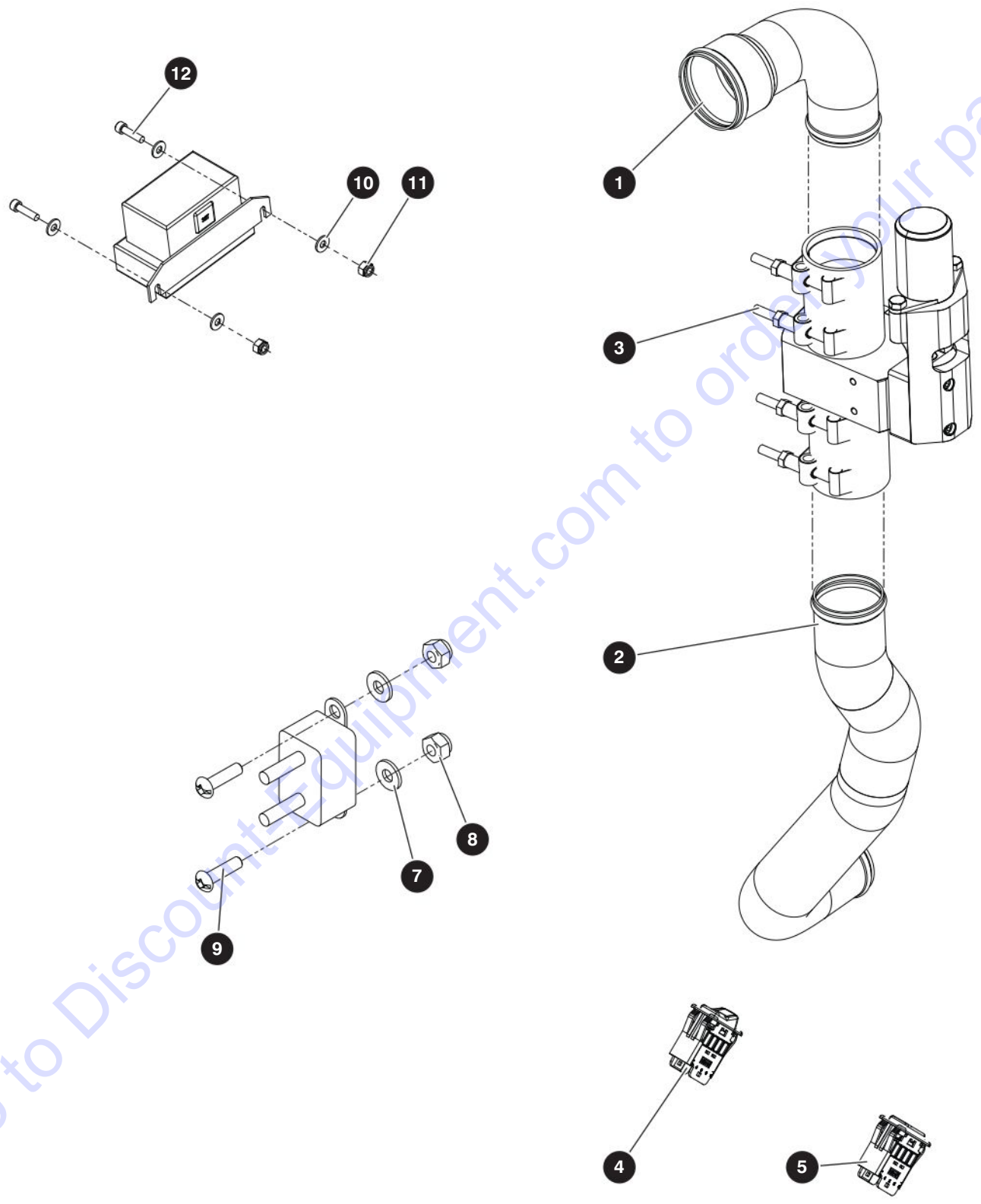
SJ519 TH

SKYJACK

10.8 Potentiometer

Index No.	Skyjack Part No.	Qty.	Description
-	9-224055	1	SPEED LIMITER CONTROL
1	9-138226	1	• POTENTIOMETER, 1K OHM
2	9-142428	1	• LABEL, Boom rotary pot

10.9 Positive Air Shutoff



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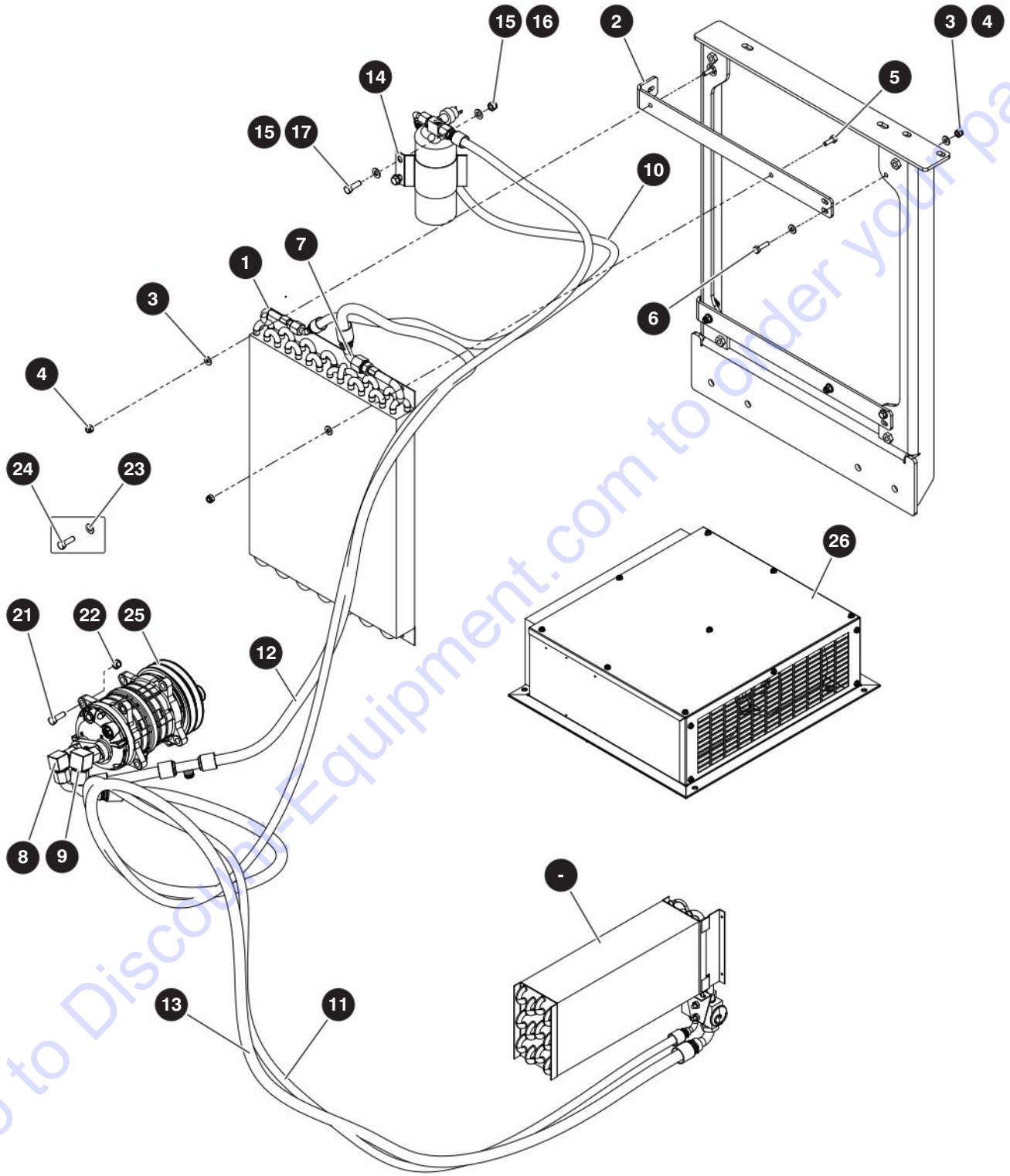
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SJ519 TH

10.9 Positive Air Shutoff

Index No.	Skyjack Part No.	Qty.	Description
-	9-206498	1	POSITIVE AIR SHUTOFF
1	9-206643	1	• TUBE, Pass to engine
2	9-206992	1	• TUBE, CAC to pass
3	9-206499	1	• VALVE, Posi-air 2000 inl
4	9-206648	1	• INDICATOR, Posi-shutoff
5	9-191455	1	• SWITCH, Rocker
6	9-191820	1	• HARNESS, Positive air shut off
7	9-103991	2	• WASHER, Flat #8
8	9-138765	2	• NUT, Lock with nylon insert 8-32 Gr. 5
9	9-116192	2	• SCREW, Round head machine 8-32 x 5/8"
10	9-104694	4	• WASHER, Flat #10
11	9-126642	2	• NUT, Lock with nylon insert 10-24 Gr. 5
12	9-157426	2	• SCREW, Socket head #10-24 x 3/4"

10.10 Air Conditioner



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SJ519 TH

10.10 Air Conditioner

Index No.	Skyjack Part No.	Qty.	Description
-	9-206919	1	AIR CONDITIONING SUBGROUP
-	9-206708	1	• A/C CONDENSER
1	9-921525	1	• • A/C CONDENSER
2	9-206689	2	• • PLATE, Condenser mount
3	9-103995	12	• • WASHER, Flat 1/4"
4	9-115649	8	• • NUT, Lock with nylon insert 1/4"-20 Gr. 5
5	9-103856	4	• • BOLT, Hex head zinc plated 1/4"-20 x 3/4" Gr. 5
6	9-103857	4	• • BOLT, Hex head (1/4"-20 x 1" Gr. 5)
7	9-167002	1	• • COUPLER O-Ring #8 3/4-16F / 3/4-16M
-	9-206710	1	• HOSE SUBGROUP
8	9-167002	1	• • COUPLER O-Ring #8 3/4-16F / 3/4-16M
9	9-164139	1	• • COUPLER - #10 - 90° O-Ring
10	9-206711	1	• • HOSE ASM, #6 Refrigerant
11	9-206712	1	• • HOSE ASM, #6 Refrigerant
12	9-206713	1	• • HOSE ASM, #8 Refrigerant
13	9-206714	1	• • HOSE ASM, #10 Refrigerant
14	9-920079	1	• • BRACKET Drier/binary
15	9-103996	4	• • WASHER, Flat 5/16"
16	9-103984	2	• • NUT, Lock with nylon insert (5/16"-18 Gr. 5)
17	9-103864	2	• • BOLT, Hex head (5/16"-18 x 1" Gr. 5)
18	9-224168	1	• • HARNESS, Air conditioning (Not Shown)
19	9-924699	30	• • SPIRAL WRAP (Not Shown)
20	9-224298		• • HARNESS, AC Ground
21	9-101297		• • BOLT, Hex head zinc (3/8"-16 x 1-1/2" Gr. 5)
22	9-104606		• • NUT, Lock with nylon insert 3/8"-16 Gr. 5
23	9-933832		• • WASHER, Flat M8 - Od 16.0
24	9-933660		• • BOLT, Hex Head M8 x 1.25 x 16mm Gr. 8.8
25	9-206709	1	• COMPRESSOR
26	9-921101	1	• A/C KIT

PARTS FINDER

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

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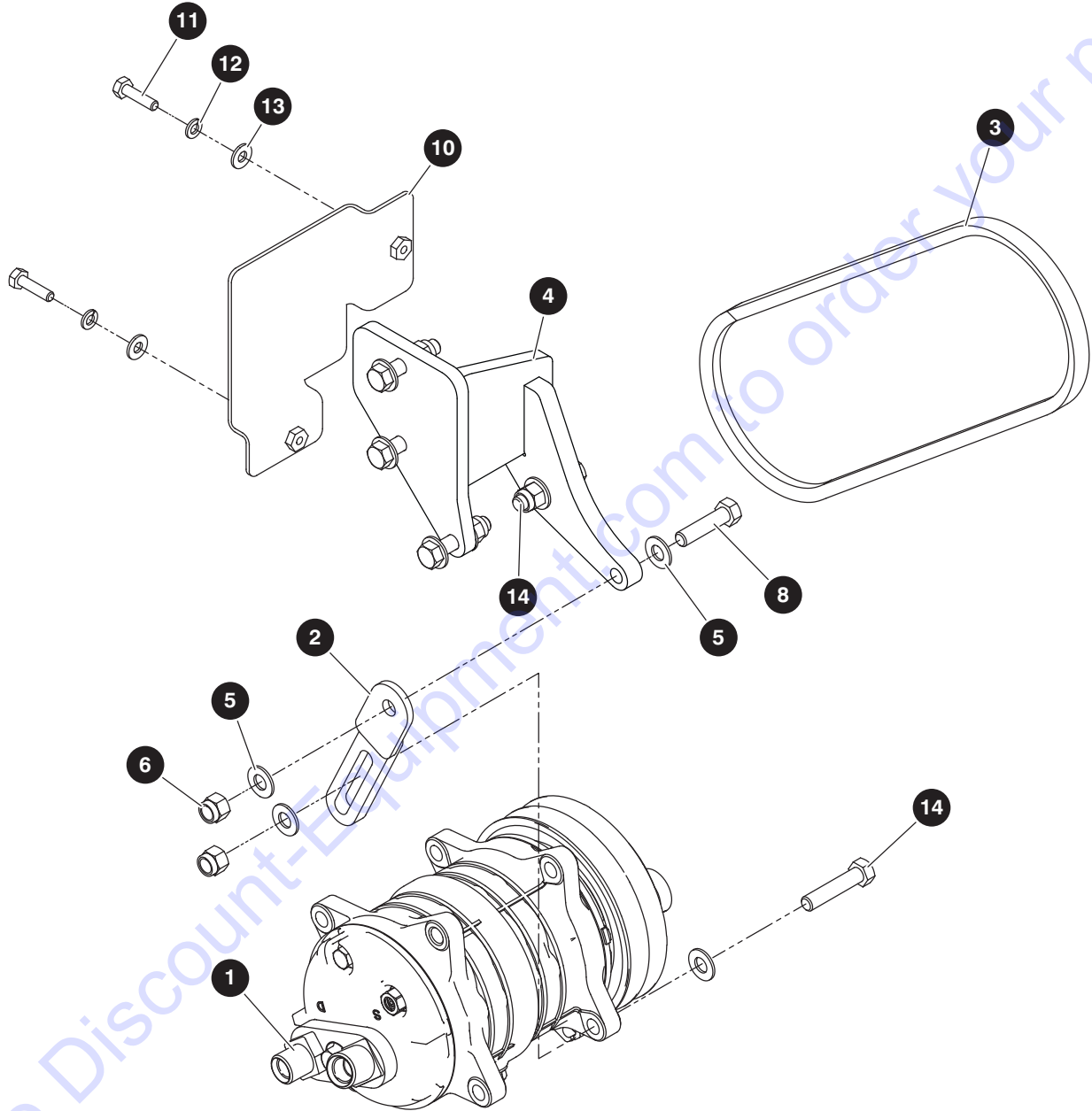
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10.11 A/C Compressor



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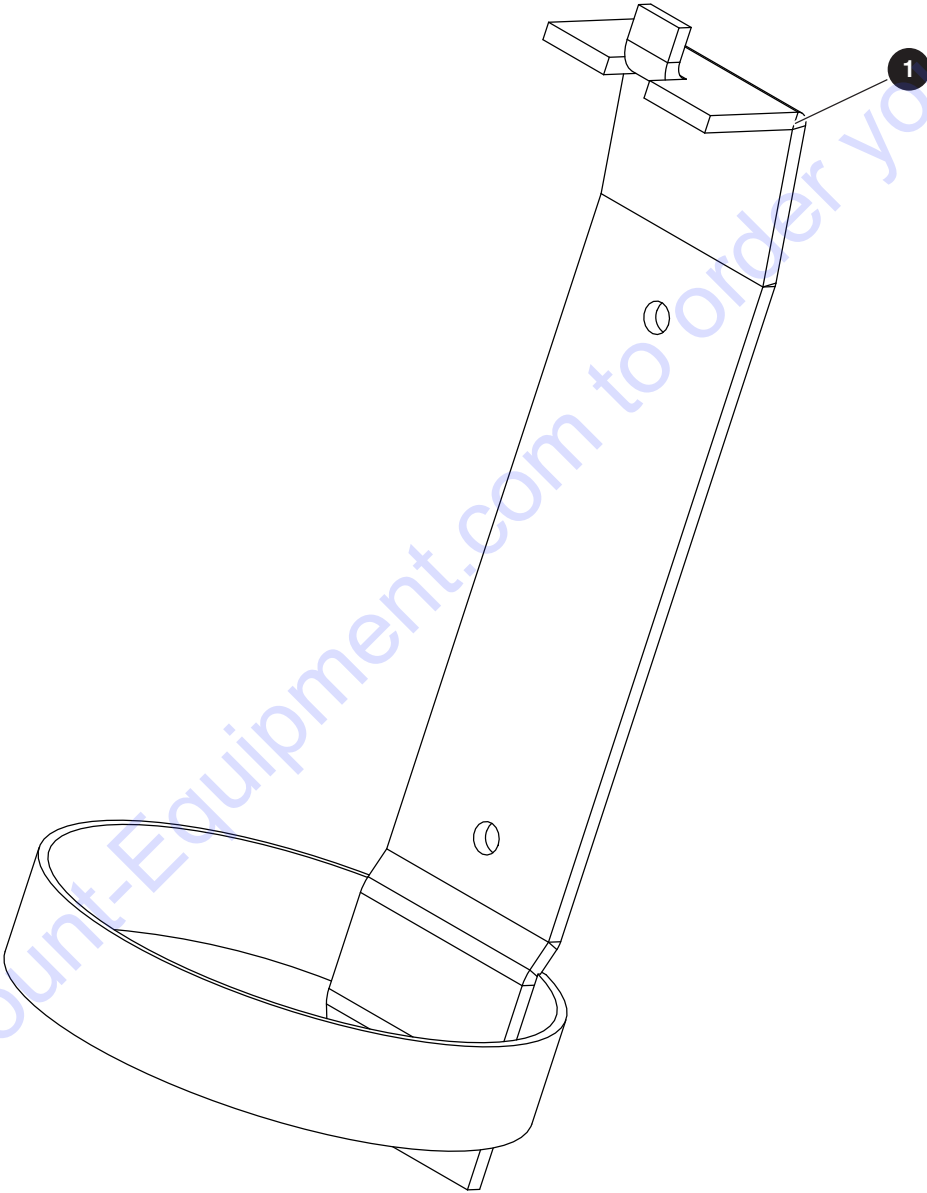
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SJ519 TH

10.11 A/C Compressor

Index No.	Skyjack Part No.	Qty.	Description
-	9-206709	1	COMPRESSOR ASSEMBLY
1	9-163903	1	• AC COMPRESSOR
2	9-224327	1	• WELDMENT, Pivot adjustment
3	9-191238	1	• V-BELT, A34
4	9-224325	1	• BRACKET, Compressor
5	9-103472	12	• WASHER, Flat 3/8"
6	9-104606	6	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
7	9-103871	3	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 5
8	9-103870	1	• BOLT, Hex Head 3/8"-16 x 1-1/2" Gr. 5
9	9-922004	1	• LABEL, Refrigerant charge (not shown)
10	9-224000	1	• GUARD, A/C belt
11	9-103857	2	• BOLT, Hex head zinc plated (1/4"-20 x 1" Gr. 5)
12	9-104000	2	• WASHER, Lock 1/4"
13	9-103995	2	• WASHER, Flat 1/4"
14	9-103596	1	• BOLT, Hex Head, zinc (3/8"-16 x 2" Gr. 5)

10.12 Fire Extinguisher Bracket



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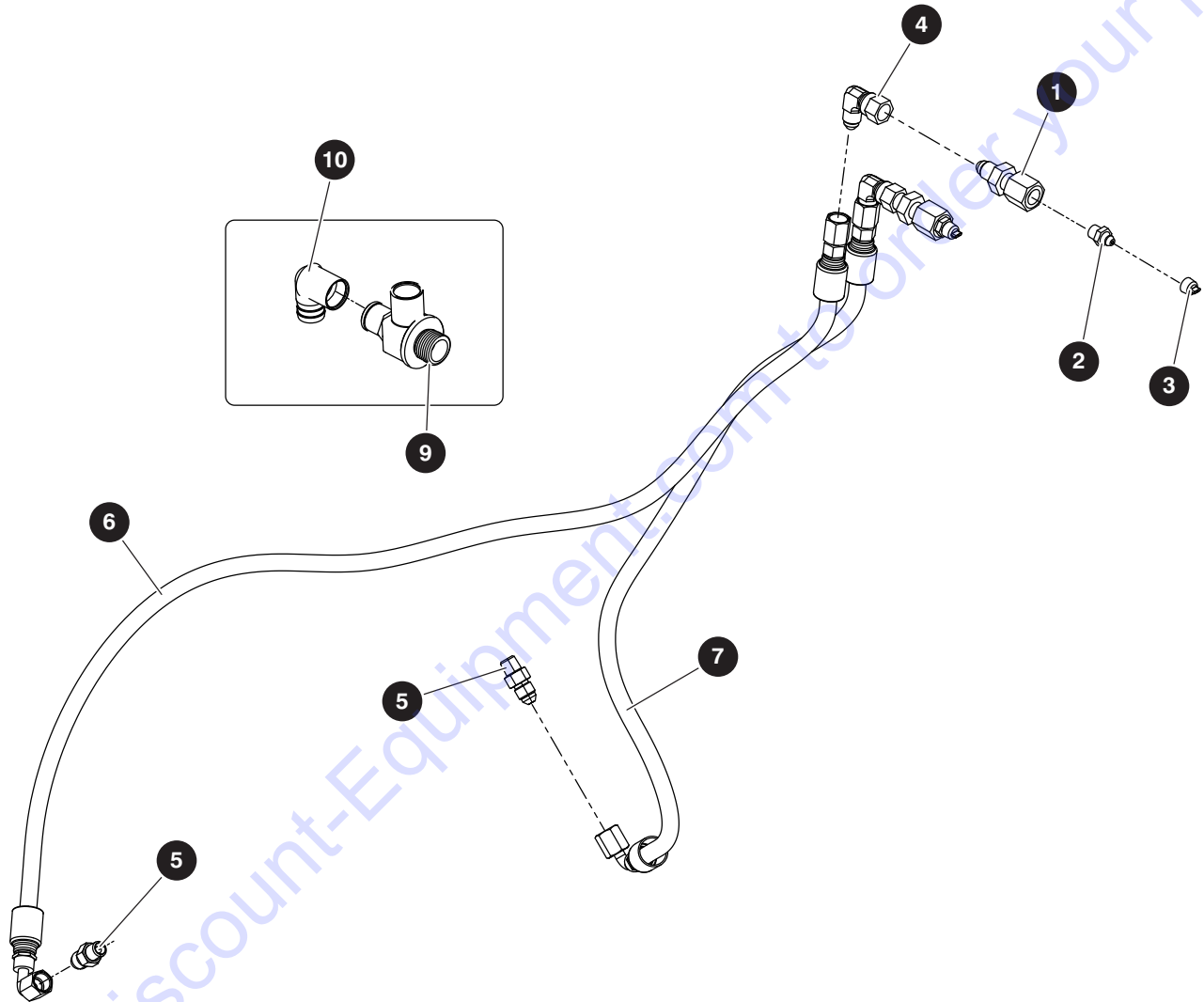
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SJ519 TH

10.12 Fire Extinguisher Bracket

Index No.	Skyjack Part No.	Qty.	Description
1	9-206459	1	BRACKET, Fire Extinguisher

10.13 Service Convenience Kit



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SJ519 TH

10.13 Service Convenience Kit

Index No.	Skyjack Part No.	Qty.	Description
-	9-206470	1	SERVICE CONVENIENCE KIT
-	9-206471	1	REMOTE GREASE
1	9-406595	2	• FITTING, FNPT x MJIC Bulkhead
2	9-102027	2	• FITTING, Grease 1/8 NPT Straight
3	9-132565	2	• CAP, Grease GC5
4	9-702875	2	• FITTING, 4JIC
5	9-933309	2	• FITTING, Straight (04 JICM - 04 NPTM)
6	9-206720	1	• HOSE, Grease - 39"
7	9-206721	1	• HOSE, Grease - 26"
8	9-102891	2	• TIE-WRAP CABLE, 7 1/4" black
-	9-169469	-	VALVE, Oil quick drain - Deutz
9	9-167431	1	• VALVE, Oil drain
10	9-167432	1	• FITTING, Elbow 90° Oil drain

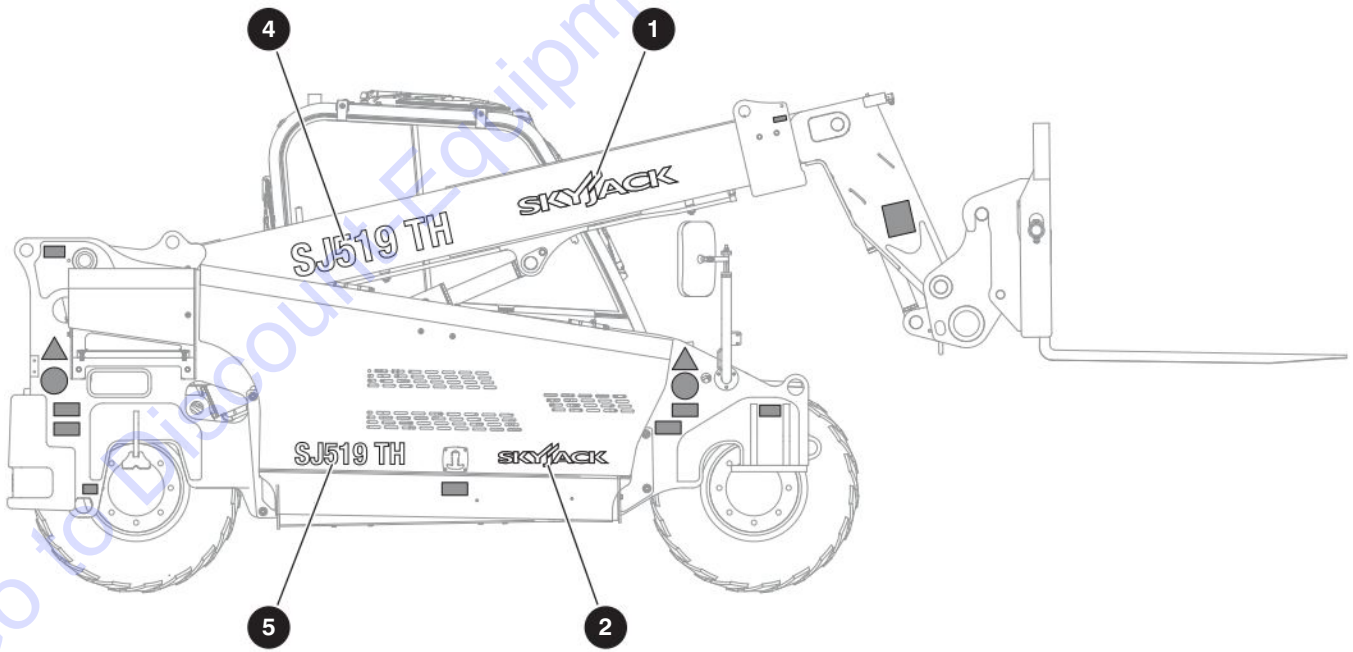
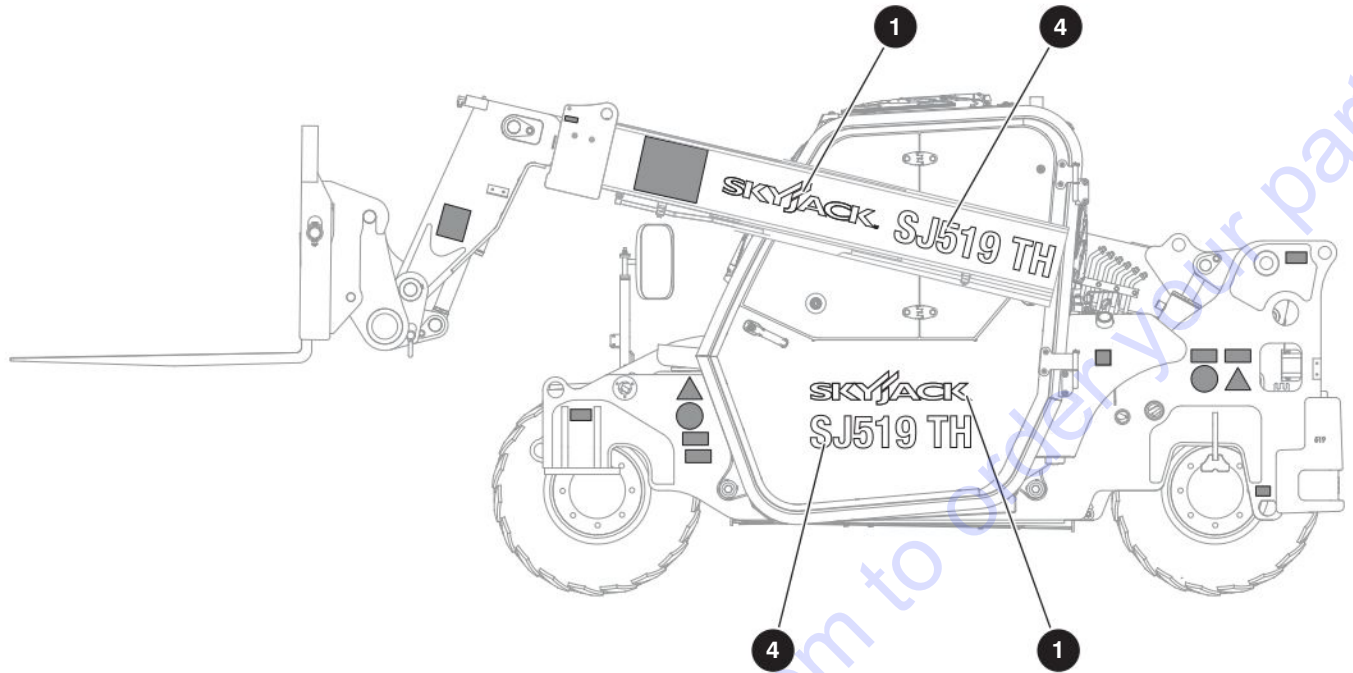
Section 11 – Labels

11.1 *Model Specific Labels*

11.2 *Pictorial Labels
Layout*

11.3 *Cab Labels Layout*

11.1 Model Specific Labels

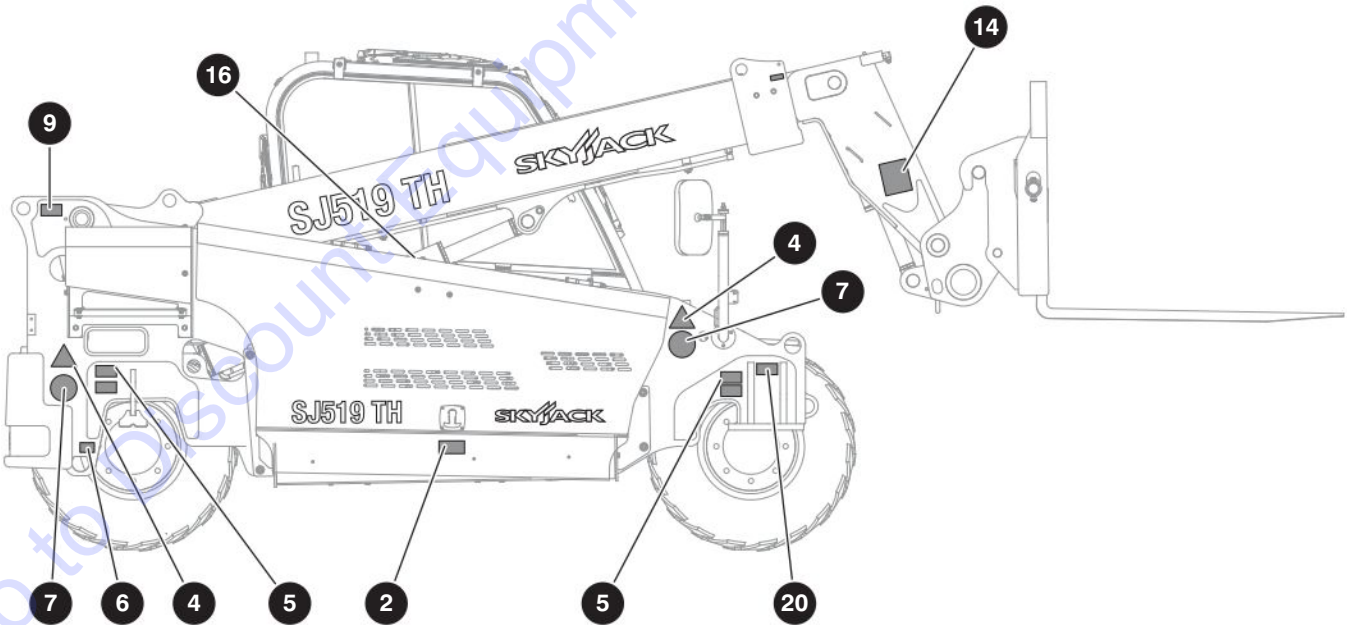
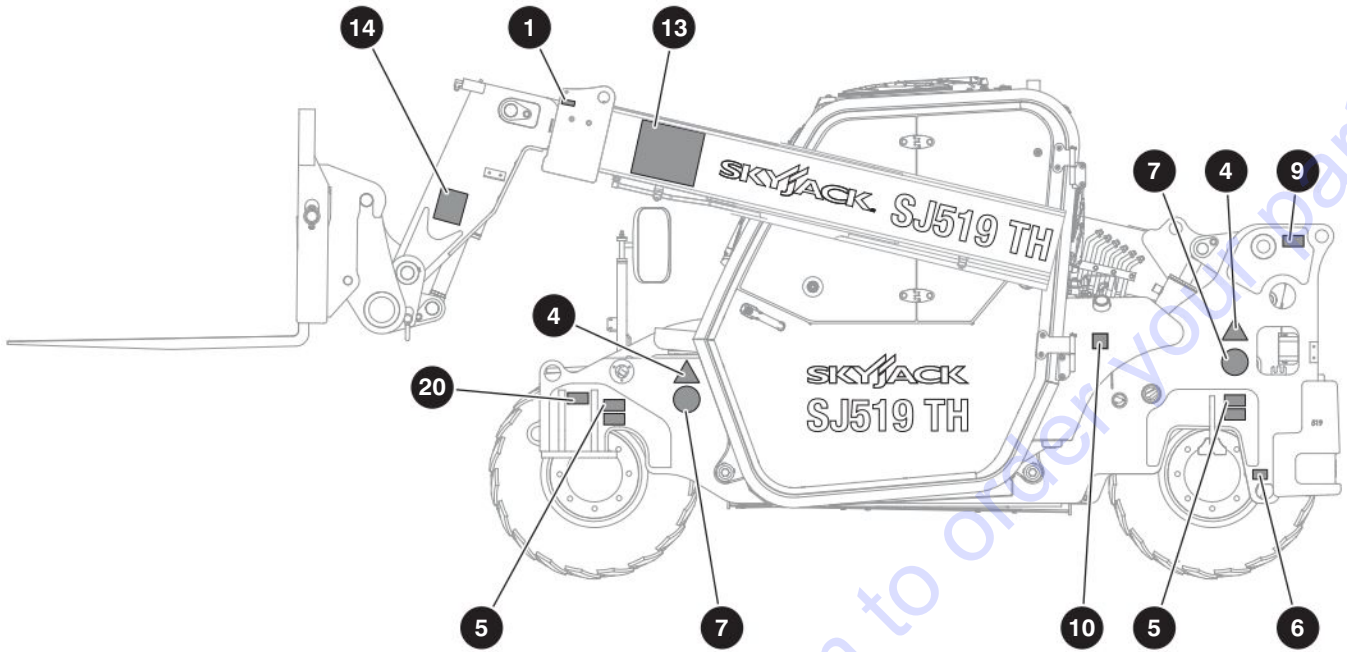


TH5k-Right view.ai

11.1 Model Specific Labels

Index No.	Skyjack Part No.	Qty.	Description
A	9-220510	1	LABEL ASSEMBLY, MODEL SPECIFIC ENCLOSED CAB
B	9-220511	1	LABEL ASSEMBLY, MODEL SPECIFIC OPEN CAB
1	9-166951	3	LABEL, Skyjack logo white (25") - A
-	9-166951	2	LABEL, Skyjack logo white (25") - B
2	9-158536	1	LABEL, Skyjack logo white (17")
3	9-172814	1	LABEL, Boom letters SJ519 TH
4	9-172785	3	LABEL, SJ519 TH (25") - A
-	9-172785	2	LABEL, SJ519 TH (25") - B
5	9-172786	1	LABEL, SJ519 TH (17")

11.2 Pictorial Labels Layout

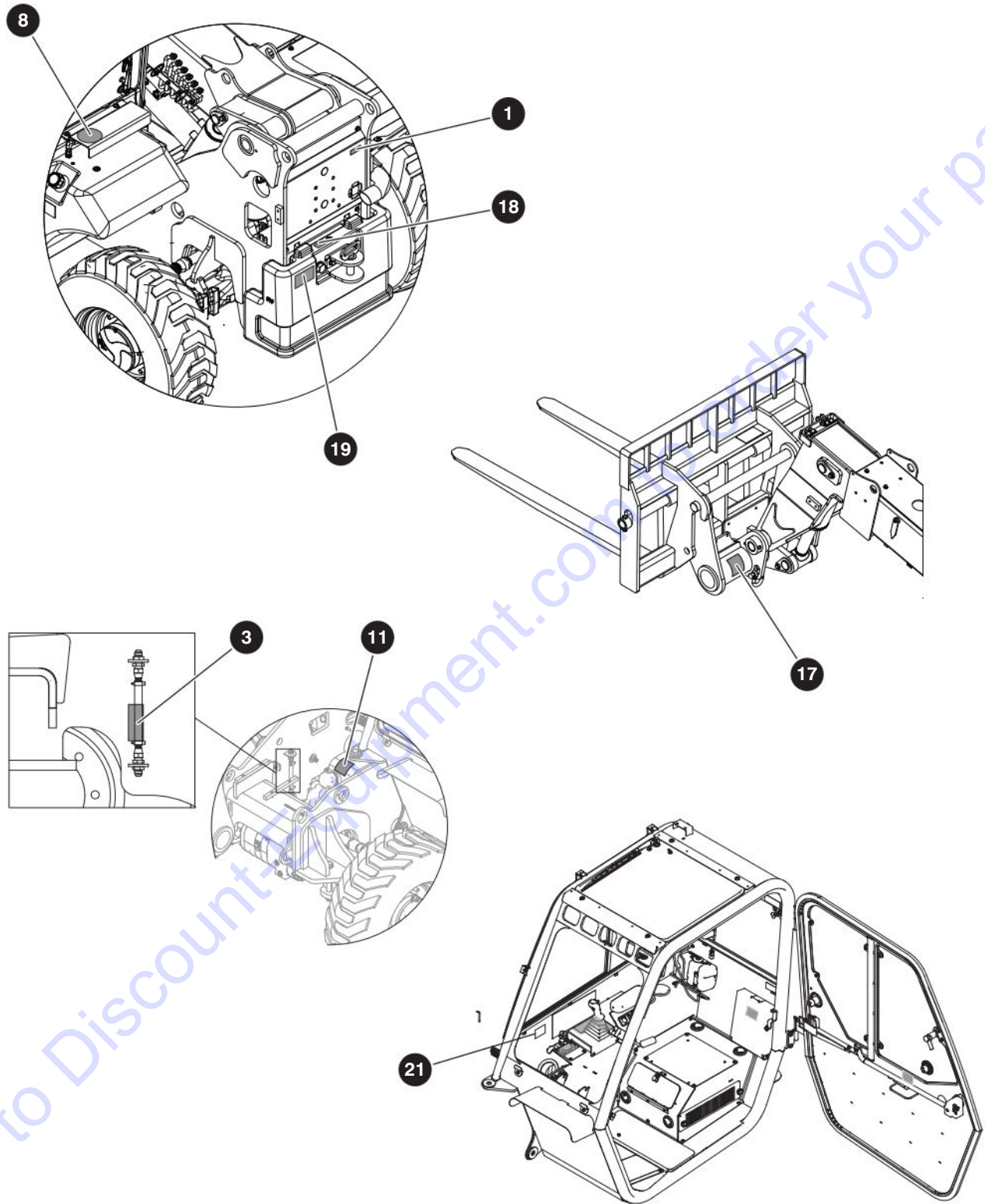


TH5k-Right view 2.ai

11.2 Pictorial Labels Layout

Index No.	Skyjack Part No.	Qty.	Description
-	9-220514	1	PICTORIAL LABELS ASSEMBLY
1	9-152230	3	• LABEL, Grease point
2	9-137988	1	• LABEL, Crush/pinch hazard pictorial
3	9-172425	1	• LABEL, Hydraulic oil level (min/max)
4	9-139314	4	• LABEL, Body crush pictorial
5	9-124631	4	• LABEL, Wheel info pictorial
6	9-157528	2	• LABEL, Tie down pictorial
7	9-139855	4	• LABEL, Keep clear pictorial
8	9-138146	1	• LABEL, No smoking pictorial
9	9-143688	2	• LABEL, Lift point
10	9-162852	1	• LABEL, Diesel 'ultra low sulfur only'
11	9-102961	1	• LABEL, ATF Dexron III pictorial
12	9-163095	1	• LABEL, Caution coolant fill
13	9-196184	1	• LABEL, Boom angle indicator
14	9-195421	2	• LABEL, Fork pins warning
15	9-119674	1	• LABEL, Battery disconnect switch pictorial
16	9-207462	1	• LABEL, Hot surface pictorial large
17	9-195422	1	• LABEL, Lifting hook
18	9-115543	1	• LABEL, No step
19	9-172946	1	• LABEL, Towing capacity SJ519 TH
20	9-124767	2	• LABEL, Lift point/tie down
21	9-173081	1	• LABEL, Warning California proposition 65
22	9-220515	1	• LABEL GROUP, 5k cab labels (not shown)

11.2 Pictorial Labels Layout

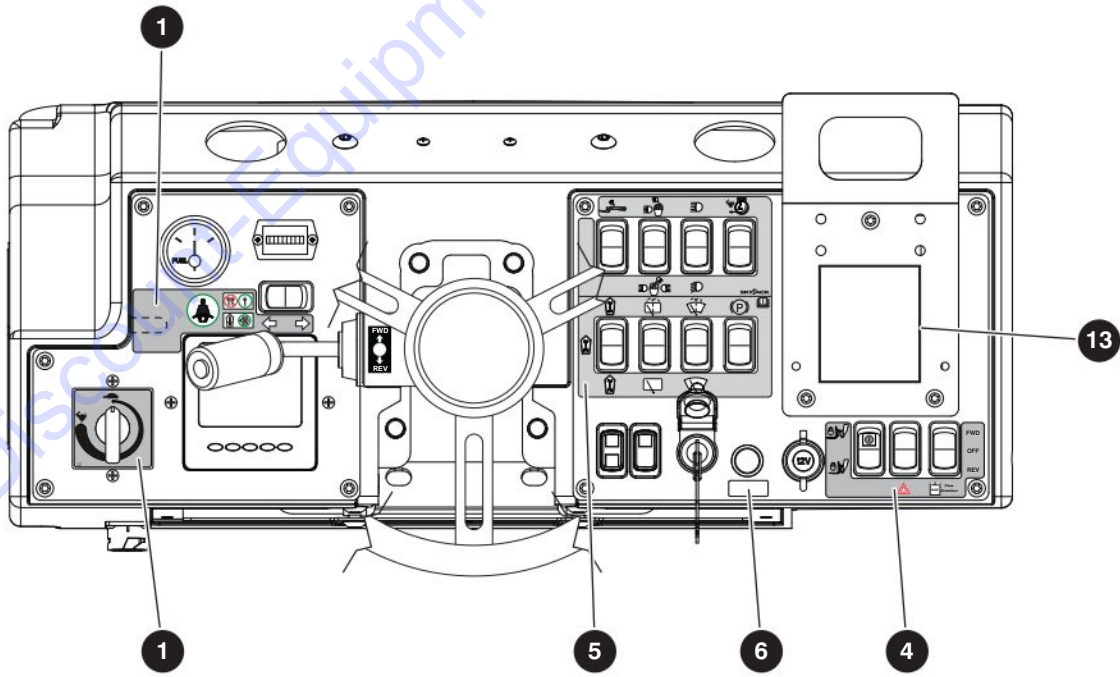
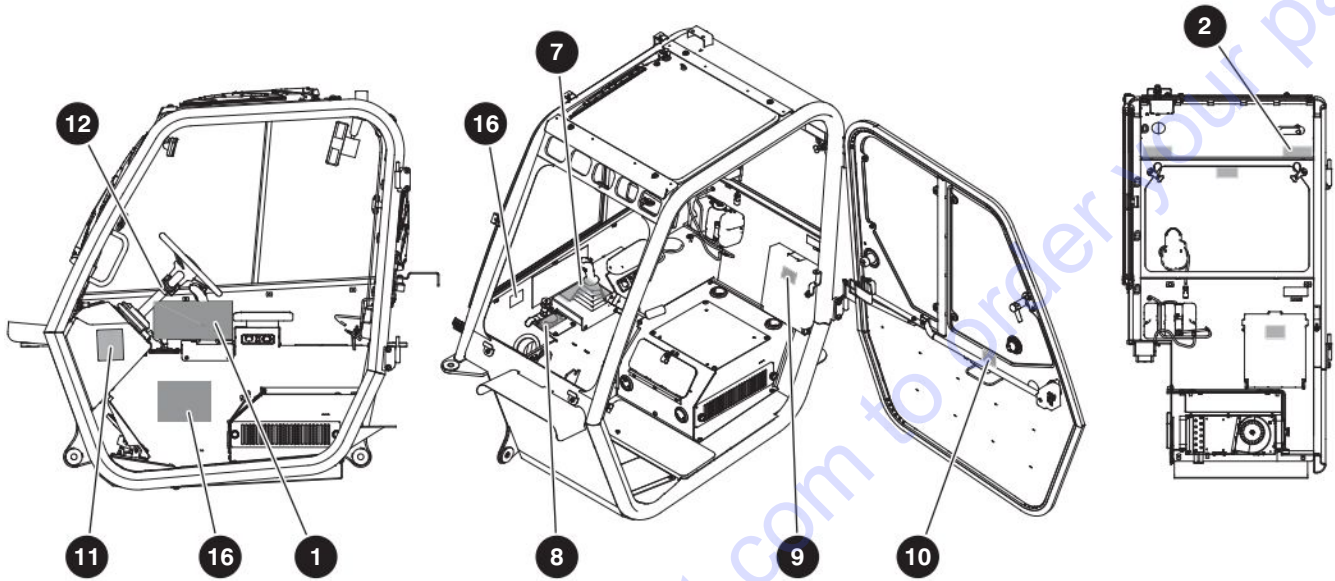


TH5k-Front view.ai

11.2 Pictorial Labels Layout

Index No.	Skyjack Part No.	Qty.	Description
-	9-220514	1	PICTORIAL LABELS ASSEMBLY
1	9-152230	3	• LABEL, Grease point
2	9-137988	1	• LABEL, Crush/pinch hazard pictorial
3	9-172425	1	• LABEL, Hydraulic oil level (min/max)
4	9-139314	4	• LABEL, Body crush pictorial
5	9-124631	4	• LABEL, Wheel info pictorial
6	9-157528	2	• LABEL, Tie down pictorial
7	9-139855	4	• LABEL, Keep clear pictorial
8	9-138146	1	• LABEL, No smoking pictorial
9	9-143688	2	• LABEL, Lift point
10	9-162852	1	• LABEL, Diesel 'ultra low sulfur only'
11	9-102961	1	• LABEL, ATF Dexron III pictorial
12	9-163095	1	• LABEL, Caution coolant fill
13	9-196184	1	• LABEL, Boom angle indicator
14	9-195421	2	• LABEL, Fork pins warning
15	9-119674	1	• LABEL, Battery disconnect switch pictorial
16	9-207462	1	• LABEL, Hot surface pictorial large
17	9-195422	1	• LABEL, Lifting hook
18	9-115543	1	• LABEL, No step
19	9-172946	1	• LABEL, Towing capacity SJ519 TH
20	9-124767	2	• LABEL, Lift point/tie down
21	9-173081	1	• LABEL, Warning California proposition 65
22	9-220515	1	• LABEL GROUP, 5k cab labels (not shown)

11.3 Cab Labels Layout



TH5k-Inside Cab labels

11.3 Cab Labels Layout

Index No.	Skyjack Part No.	Qty.	Description
-	9-220515	1	CAB LABELS ASSEMBLY
1	9-195424	1	• LABEL, Hazard identification
2	9-204421	2	• LABEL, Pictorial emergency exit procedure
3	9-172942	1	• LABEL, Left dash panel safety info
4	9-172943	1	• LABEL, Attach. Quick connect/flow dir
5	9-191448	1	• LABEL, Right side dash
6	9-105352	1	• LABEL, Horn pictorial
7	9-172940	1	• LABEL, Joystick controls 5k
8	9-172941	1	• LABEL, Flow control valve
9	9-123628	1	• LABEL, Manual storage box
10	9-152246	1	• LABEL, Door open instructions
11	9-195425	1	• LABEL, Transportation reminder
12	9-926902	1	• LABEL, F-N-R
13	9-172967	1	• LABEL, Fuse panel sj519 th
14	9-172968	1	• LABEL, Right side relays 5k
15	9-172969	1	• LABEL, Left side relays 5k
16	9-172945	1	LABEL, Daily and weekly maintenance

Section 12 – Tables

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12.1 Recommended Fluids

Model SJ519 TH		
Engine		
Fuel Type	Ultra Low Sulfur Diesel (EN 590, ASTM D975) or Biodiesel B20	
Fuel Tank Capacity	57 L (15.1 gal)	
Recommended Oil Type	SAE 15W40	
Engine Oil Capacity	8.5 L (9 Quart)	
Coolant Type (Standard)	COOLANT-ANTIFREEZE 50/50 PREMIX *	
Coolant Type (Cold Weather Option)	COOLANT-ANTIFREEZE 60/40 PREMIX *	
Coolant Tank Capacity	12 L (3.2 gal)	
Transmission		
Hydrostatic	Oil Type	ATF Dexron 3
Axles		
Differential	API GL5 LS	
Front Gear Box Capacity	0.7 L (0.74 Quart)	
Front Central House Capacity	4.0 L (4.2 Quart)	
Rear Central House Capacity		
Front Wheel Hub Capacity	0.9 + 0.9 L (0.95 + 0.95 Quart)	
Rear Wheel Hub Capacity	0.9 + 0.9 L (0.95 + 0.95 Quart)	
Hydraulic Oil		
Standard Factory Fill	ATF Dexron 3	
Type	Multipurpose ATF	
Hydraulic Tank Capacity	70 L (18.5 gal)	
Grease Points		
Type	EP2 Grease	

* Refer to engine manufacturer's manual

1693AA

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Model:	<input type="text"/>
Description:	<input type="text"/>
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