

SKYJACK™

PARTS MANUAL

SJ1256 THS

TELEHANDLERS

205154AD
January 2021
ANSI



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This manual is based on Serial Number(s):

SJ1256 THS: 87 410 001 to 87 499 999

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Foreword

General

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

Parts Ordering Information

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

Method of Listing

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

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

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

Example:

Main Assembly A

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

Quantities

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

How To Order Repair Parts

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: _____

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Recommended Service Parts

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Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Engine				
Oil Filter	4	4	4	9-196896
Fuel Filter	4	4	4	9-197182
Fuel Filter/Water Separator	4	4	4	9-196889
Air Filter-Primary Element	2	2	2	9-197221
Air Filter-Safety Element	1	1	1	9-197222
Fan Belt	0	1	1	9-166694
Pump, Fuel	0	1	1	9-164770
Alternator	0	0	1	9-197184
Starter	0	0	1	9-216438
Transmission				
Oil Filter	1	1	1	9-196743
Output Shaft Seal-Front	0	1	1	9-196825
Output Shaft Seal-Rear	0	1	1	9-196825
Electrical				
Battery	0	1	1	9-144676
Power Relay	1	1	1	9-226119
Relay, micro	2	2	2	9-931298
Relay	1	1	1	9-156200
Relay (SCR exhaust aftertreatment)	1	1	1	9-127131
Relay, Glow plug 150A	1	1	1	9-165029
Fuse-5A	2	2	2	9-156202
Fuse-10A	2	2	2	9-156203
Fuse-15A	2	2	2	9-156204
Fuse-30A	2	2	2	9-156164
Fuse-20A	1	1	1	9-121504
Fuse-100A glow plug	1	1	1	9-165031
Ignition Switch	1	1	1	9-926721
Reverse Alarm	1	1	1	9-921172
Horn	1	1	1	9-923025
Switch, Proximity	1	1	1	9-190547
Hydraulic				
Hydraulic Filter-Return	1	1	1	9-157907
Seal Kit-Lift Cylinder	1	1	1	9-213476
Seal Kit-Telescope Cylinder	1	1	1	9-213493
Seal Kit-Fork Tilt Cylinder	1	1	1	9-213483
Seal Kit-Tilt Compensation Cylinder	1	1	1	9-213487
Seal Kit-Frame Level Cylinder	1	1	1	9-213498
Seal Kit-RAS Cylinder	1	1	1	9-197100
Seal Kit-Outrigger Cylinder	1	1	1	9-213506

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Boom				
Wear Pad	-	2	2	9-191266
Wear Pad	2	4	6	9-191267
Wear Pad	2	2	2	9-191268
Wear Pad	2	2	2	9-191269
Wear Pad	2	2	2	9-191270
Wear Pad	2	2	2	9-204355

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Section 1 – Main Frame

1.1 *Sheet Metal*

1.2 *Frame Subgroup*

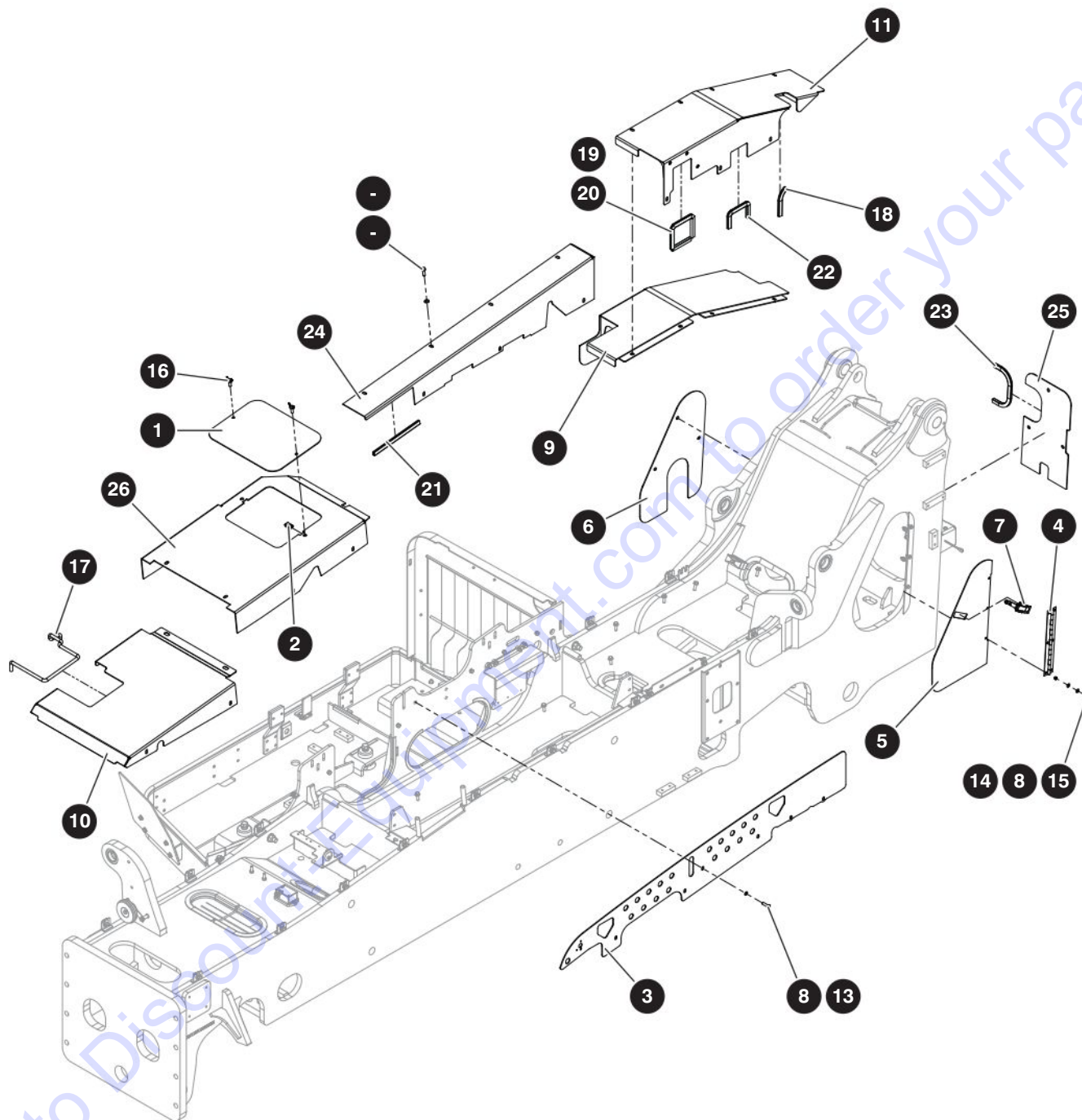
1.3 *Outriggers Group*

1.4 *Cowling Assembly*

1.5 *Fuel Tank*

1.6 *Hydraulic Tank*

1.1 Sheet Metal



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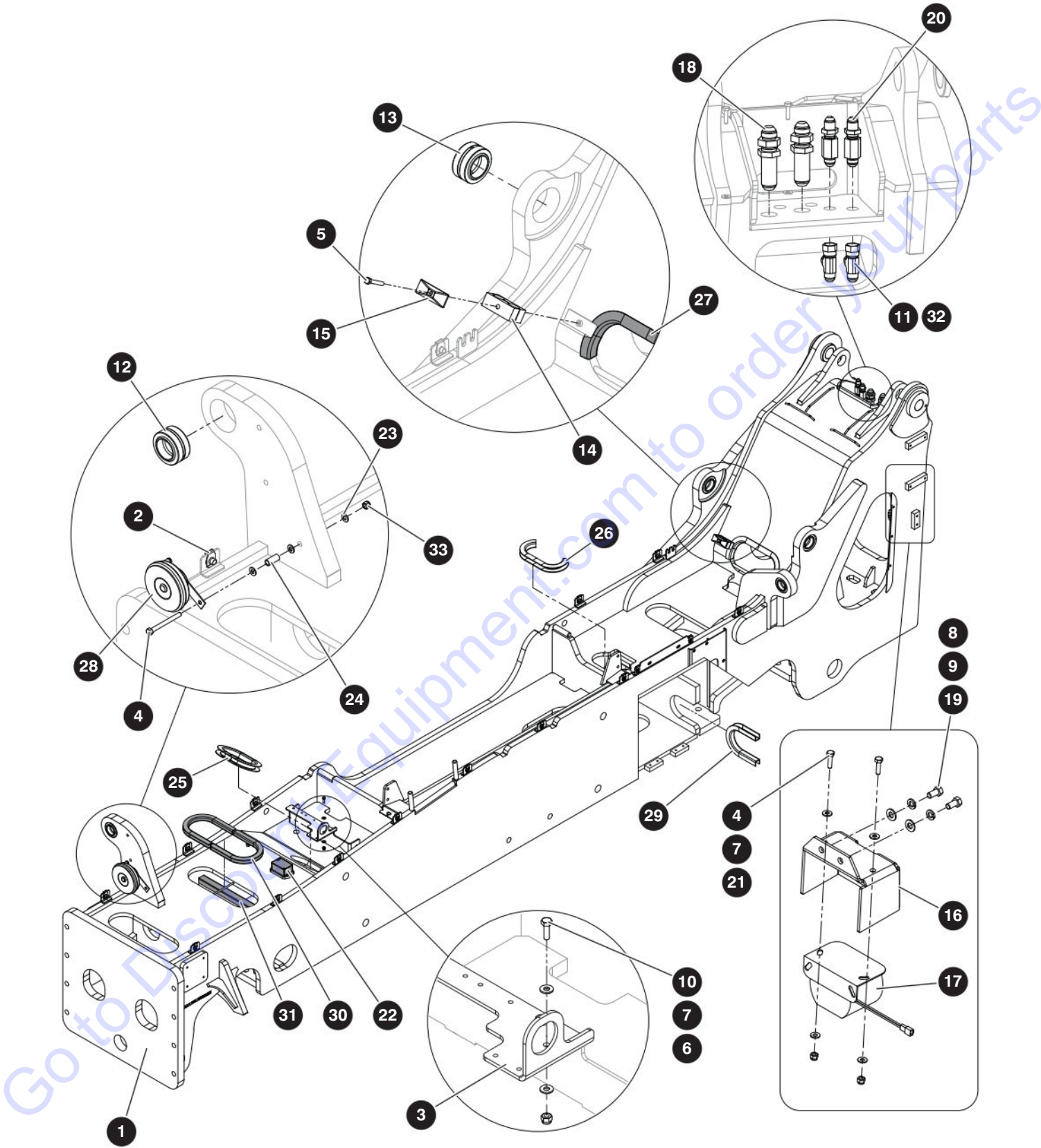
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1.1 Sheet Metal

Index No.	Skyjack Part No.	Qty.	Description
-	9-205131	1	SHEET METAL
1	9-191389	1	• COVER, Battery access
2	9-159294	4	• NUT, Speed clip 3/8"-16
3	9-191400	1	• COVER, TH Engine tray
4	9-137016	1	• HINGE, Instrumentation panel
5	9-191397	1	• COVER, TH LH side
6	9-191398	1	• COVER, TH RH side
7	9-191416	1	• LATCH, TH covers
8	9-103995	12	• WASHER, Flat 1/4"
9	9-205727	1	• COVER, Top rear RH 1256
10	9-191429	1	• COVER, Top front first 1044/1056
11	9-205726	1	• COVER, Top rear LH 1256
12	9-125959	37	• WASHER, Flat 3/8" hard
13	9-101297	37	• BOLT, Hex Head 3/8"-16 x 1-1/4" Gr. 5
14	9-103856	6	• BOLT, Hex Head 1/4"-20 x 3/4" Gr. 5
15	9-103980	6	• NUT, Hex 1/4"-28 Gr. 5
16	9-152535	2	• SCREW, Wing, 3/8"UNC x 1"
17	9-117398	32	• PROTECTIVE TRIM
18	9-117398	5	• PROTECTIVE TRIM
19	9-117398	4	• PROTECTIVE TRIM
20	9-117398	12	• PROTECTIVE TRIM
21	9-117398	9	• PROTECTIVE TRIM
22	9-117398	10	• PROTECTIVE TRIM
23	9-117398	12	• PROTECTIVE TRIM
24	9-205133	1	• COVER, TH Top side
25	9-205134	1	• COVER, SJ1256TH Rear
26	9-205132	1	• COVER, Top front second 1256

1.2 Frame Subgroup



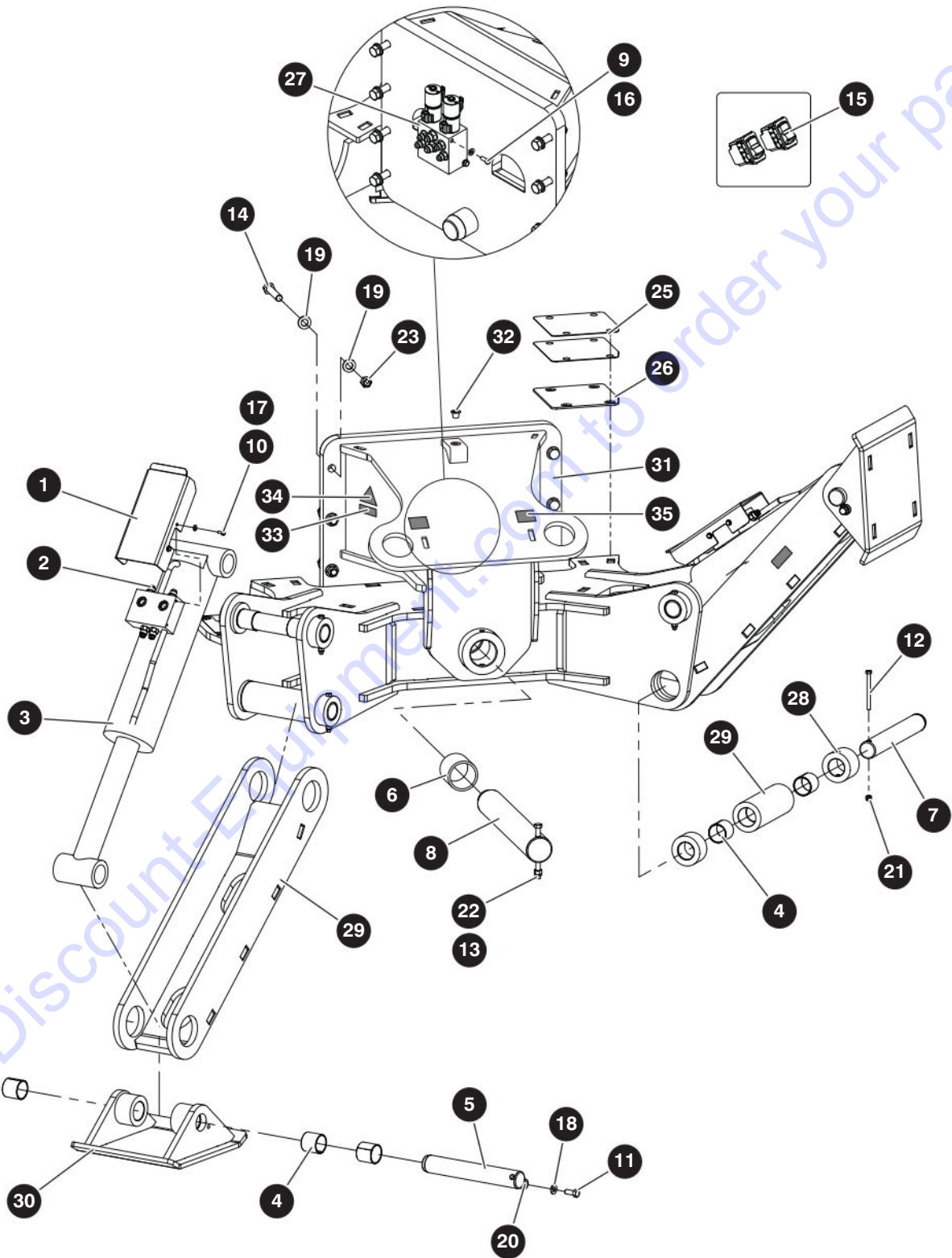
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1.2 Frame Subgroup

Index No.	Skyjack Part No.	Qty.	Description
-	9-205096		FRAME, SJ1256 TH
1	9-205006	1	• FRAME, SJ1256 TH
2	9-159294	21	• NUT, Speed clip 3/8"-16
3	9-190688	1	• BULKHEAD, Electrical
4	9-122006	1	• BOLT, Hex head 5/16"-18 x 3-1/4" Gr. 5
5	9-103865	1	• BOLT, Hex head 5/16"-18 x 2 Gr. 5
6	9-115649	4	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
7	9-103995	8	• WASHER, Flat 1/4"
8	9-103999	2	• WASHER, Lock 3/8"
9	9-101632	2	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5
10	9-103891	2	• BOLT, Hex head 1/4"-20 x 7/8" Gr. 5
11	9-106170	2	• FITTING, Tee swivel - 8 JIC
12	9-920767	3	• BEARING, Spherical
13	9-230942	2	• BEARING, Free maintenance
14	9-190410	1	• CLAMP, Body 428/28PP
15	9-190217	1	• PLATE, Cover 4D
16	9-191489	1	• COVER, Back-up alarm
17	9-921172	1	• ALARM, Back-up rework
18	9-197689	2	• FITTING, Bulkhead straight (12 JICM - 12 JICM) long
19	9-125959	2	• WASHER, Flat 3/8" hard
20	9-197686	2	• FITTING, (08 JIC - 08 JIC) long
21	9-103857	2	• BOLT, Hex head 1/4"-20 x 1 Gr. 5
22	9-206088	1	• ASSEMBLY, Tilt sensor (For components, refer to Section 5.13)
23	9-103996	3	• WASHER, Flat 5/16"
24	9-133598	1	• SPACER, 3/8" X 1 1/8"
25	9-162053	19.25	• PROTECTIVE TRIM, 3/4"
26	9-162053	13	• PROTECTIVE TRIM, 3/4"
27	9-162053	18	• PROTECTIVE TRIM, 3/4"
28	9-923025	1	• HORN, Electric 12V
29	9-197544	30	• PROTECTIVE TRIM, 3/4" to 1"
30	9-162053	30"	• PROTECTIVE TRIM, 1/2" to 5/8"
31	9-196544	20	• PROTECTIVE TRIM, 1/2" to 5/8"
32	9-198511	2	• NUT, Bulkhead - 12
33	9-103984	1	• NUT, Lock with nylon insert 5/16"-18 Gr. 5

1.3 Outriggers Group



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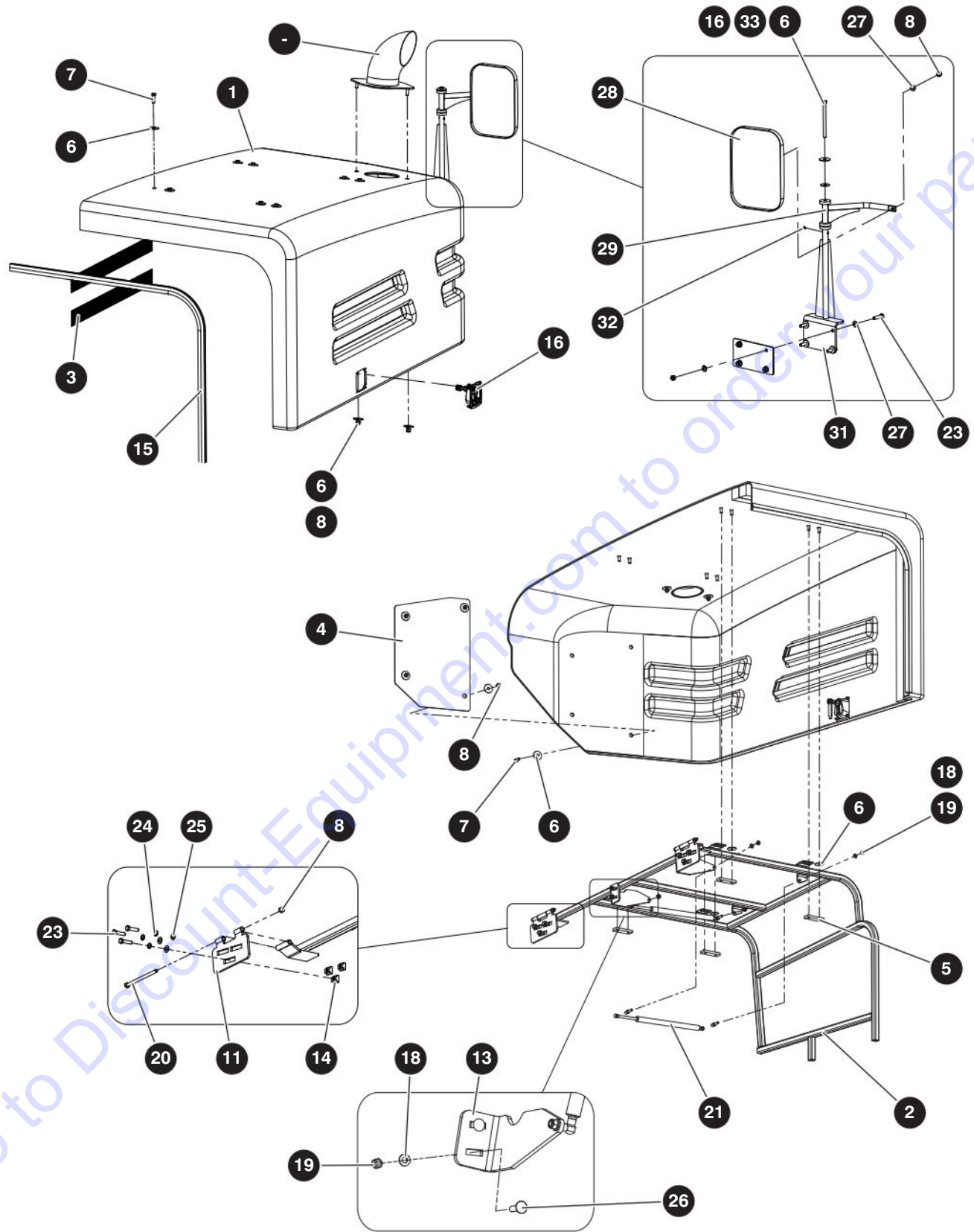
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1.3 Outriggers Group

Index No.	Skyjack Part No.	Qty.	Description
-	9-205203	-	SUBGROUP, OUTRIGGERS
1	9-191179	2	• COVER, Cylinder guard
2	9-102659	4	• FITTING, Straight (08JICM0 - 8ORBM)
3	9-205064	2	• CYLINDER, TH outriggers (For components, refer to Section 7.6)
4	9-148817	8	• BUSHING - CJS 3232 (2" ID x 2" LG)
5	9-191139	2	• PIN, Ø 2" X 13" long
6	9-191144	2	• BEARING, 3" ID x 3.5" OD x 3.5" long
7	9-191138	4	• PIN, Ø 2" x 13-7/8" long
8	9-191145	1	• PIN, Ø 3" X 22-1/2" long
9	9-300437	2	• BOLT, Hex head 3/8"-16 x 7/8" Gr. 5
10	9-103892	8	• BOLT, Hex head 1/4"-20 x 5/8" Gr. 5
11	9-103910	2	• BOLT, Hex head 1/2"-13 x 1-1/4" Gr. 8
12	9-123708	4	• BOLT, Hex head 3/8"-16 x 4-1/4" Gr. 5
13	9-128845	1	• BOLT, Hex head 1/2"-13 x 6" Gr. 8
14	9-191836	8	• BOLT, Hex head 3/4"-10 X 4-1/4" Gr. 8 zinc
15	9-191458	2	• SWITCH, Outriggers
16	9-125959	2	• WASHER, Flat 3/8" hard
17	9-103995	8	• WASHER, Flat 1/4" SAE
18	9-104379	2	• Washer Flat 1/2" Hard
19	9-702194	16	• WASHER, Flat 3/4" hard
20	9-191232	2	• PIN, Anchor
21	9-104606	4	• NUT, Lock 3/8"-16 Gr. 5 - nylon insert
22	9-702507	1	• NUT, Lock 1/2"-13 Gr. 5 - nylon insert
23	9-700575	8	• NUT, Lock 3/4"-10 Gr. C"
24	9-190369	1	• HARNESS, Outrigger 10k (Not Shown)
25	9-212651	10	• SHIM, Axle mount
26	9-198895	2	• PLATE Spacer, axle mount
27	(Ref.)	1	• ASSEMBLY, Outrigger manifold (For components, refer to Section 8.7)
28	9-191147	1	• WELDMENT, Outrigger pivot base
29	9-191148	2	• WELDMENT, Outrigger link
30	9-191149	2	• WELDMENT, Outrigger foot
31	9-191146	1	• WELDMENT, Outrigger clevis mount
32	9-144105	1	• PLUG, 3/4" Threaded hole
-	9-199968	1	SUBGROUP, OUTRIGGERS DECALS
33	9-137988	2	• LABEL, Crush/pinch hazard pictorial
34	9-139314	4	• LABEL, Body crush pictorial
35	157528	2	• LABEL, Tie down

1.4 Cowling Assembly

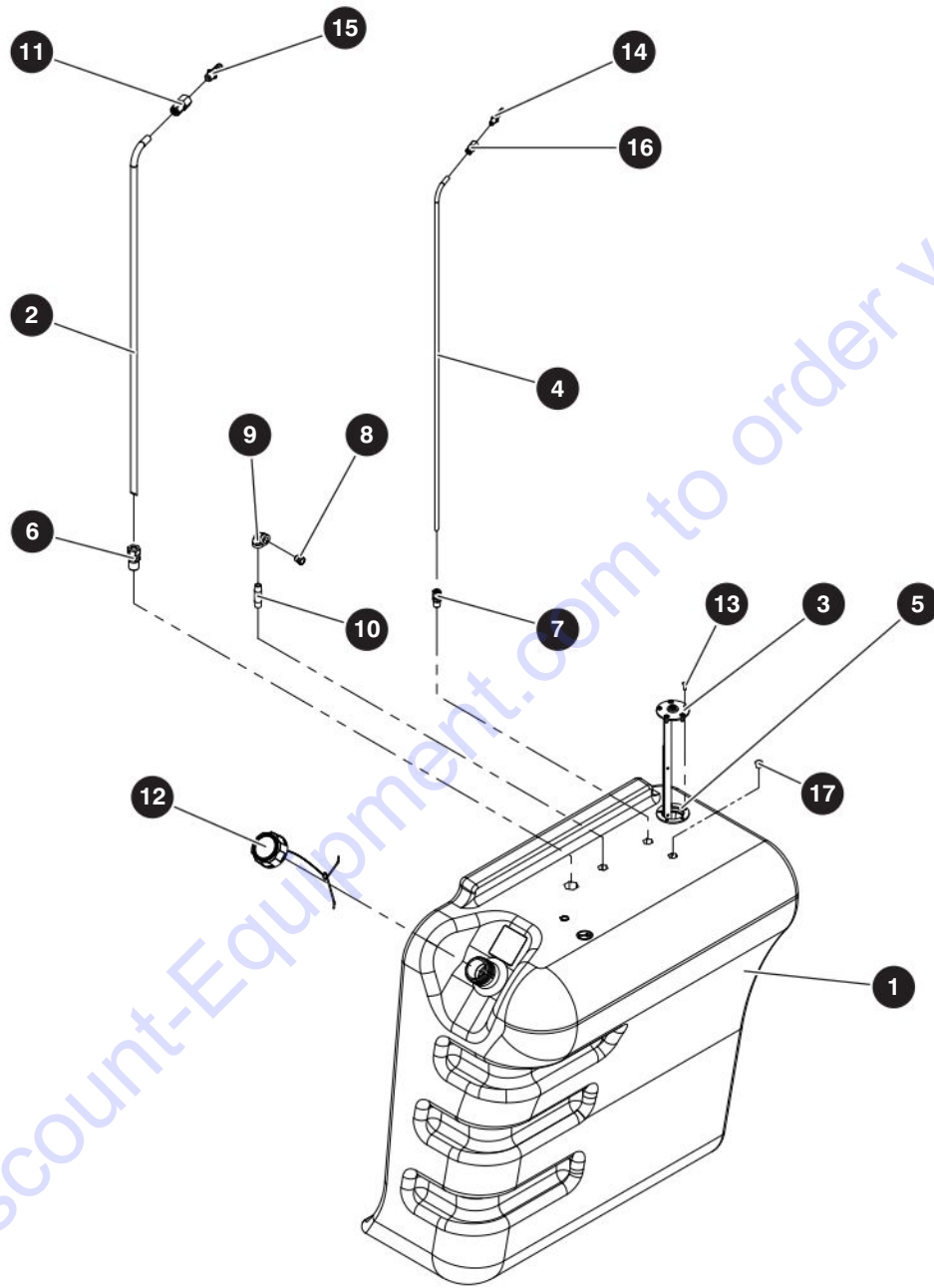


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1.4 Cowling Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-190664	1	COWLING SUBGROUP, TH
-	9-190663	1	• COWLING, ASSEMBLY TH
1	9-190482	1	• • COWLING, Shell TH
2	9-190647	1	• • WELDMENT, Cowling support
3	9-190607	2	• • PLATE, Perforated
4	9-190613	1	• • PLATE, Cowling guard
5	9-190608	4	• • PLATE, Anti turn
6	9-127067	23	• • WASHER, Flat 3/8" style BB
7	9-101297	12	• • BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
8	9-104606	13	• • NUT, Lock with nylon insert 3/8"-16 Gr. 5
9	9-148368	135"	• • SEAL, Foam #1441 (2"X2")
10	9-190615	1	• WELDMENT, Hinge cowling LH
11	9-190927	1	• WELDMENT, Hinge cowling RH
12	9-190612	1	• STACK WELDMENT, Exhaust
13	9-190926	1	• BRACKET, Gas spring mounting
14	9-190609	6	• NUT, 1/2" T-SLOT 3/8"-16
15	9-190483	60"	• SEAL, 1/4" EDGE X 5/8" BULB
16	9-191892	2	• WASHER, Plastic 3/8" X 1-1/4"
17	9-191373	1	• PLATE, Latch
18	9-103996	6	• WASHER, 11/32" ID X 3/4" OD X 3/32" zinc
19	9-103984	6	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
20	9-138736	2	• BOLT, Hex head 3/8"-16 X 6" Gr. 5
21	9-190925	2	• GAS SPRING, TH cowling
22	9-138836	4	• STUD - BALL
23	9-103870	10	• BOLT, Hex head 3/8"-16 X 1-1/2" Gr. 5
24	9-103999	6	• WASHER, Lock 3/8"
25	9-125959	7	• WASHER, Flat 3/8" SAE hard
26	9-106049	2	• BOLT, Carriage bolt 5/16"-18 X 1-1/4" Gr. 5
27	9-103472	9	• WASHER, 13/32" ID X 13/16" OD X 1/16" zinc
28	9-931379	1	• ASSEMBLY, Mirror
29	9-191890	1	• WELDMENT, Mirror Rotation
30	9-191451	1	• PLATE, Backing
31	9-191889	1	• WELDMENT, Mirror base
32	9-117691	2	• SET SCREW, 1/4"-20 X 1/4"
33	9-163510	1	• BOLT, Hex head 3/8"-16 X 5" Gr. 5

1.5 Fuel Tank



M191247AG

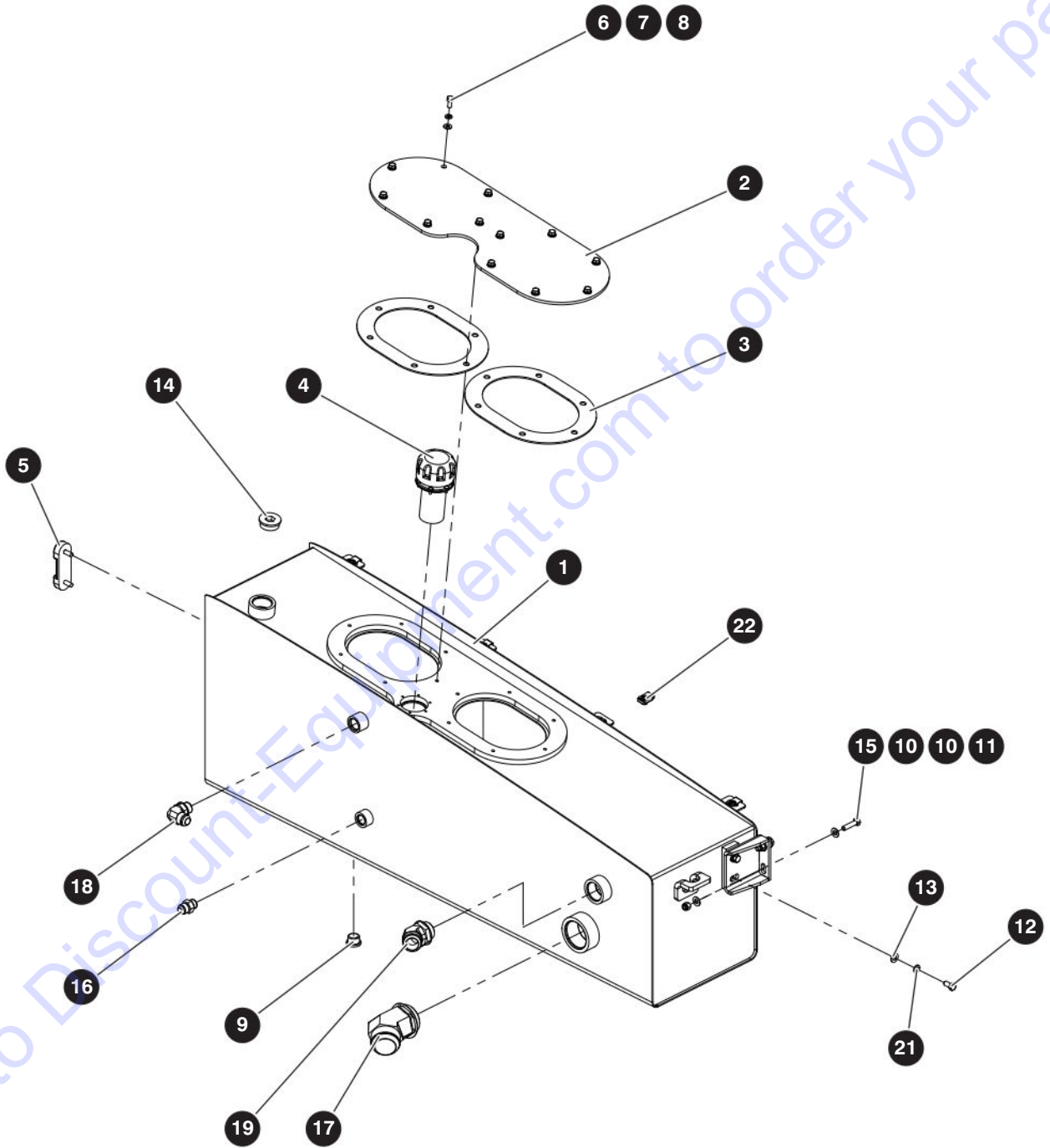
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1.5 Fuel Tank

Index No.	Skyjack Part No.	Qty.	Description
-	9-191247	1	FUEL TANK SUBGROUP
-	9-191248	1	• ASSEMBLY, TH FUEL TANK
1	9-191252	1	• • TH FUEL TANK, molded
2	9-190604	1	• • TUBE, Diesel fuel suction
3	9-216696	1	• • FUEL SENDER
4	9-190684	1	• • TUBE, Diesel fuel return
5	9-191253	1	• • GASKET, Fuel tank
6	9-164674	1	• • FITTING, Tube compression 1/2" OD x 1/2" NPT
7	9-103155	1	• • FITTING, Brass tank #T68-5B, 1/4 NPT
8	9-116408	1	• • BREATHER, Vent 1/4 NPT
9	9-144325	1	• • FITTING, Fitting 90° (1/4 NPTF x 1/4 NPTF brass)
10	9-143478	1	• • FITTING, Fitting-nipple (1/4 NPT X 2" long brass)
11	9-165716	1	• • FITTING, Straight adapter (08 BT - 06 FP)
12	9-144410	1	• • CAP, Fuel (non epa)
13	9-103962	5	• • SCREW, Round head machine 10-32 x 1/2"
14	9-191978	1	• • FITTING, Beaded hose barb 5/16" tube
15	9-191977	1	• • FITTING, Beaded hose barb 1/2" tube
16	9-191979	1	• • FITTING, Straight adapter (05 BT - 02 FP)
17	9-197516	2	• PLUG, 3/8" Tapered series

1.6 Hydraulic Tank



M190489AC

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SJ1256 THS

SKYJACK

1.6 Hydraulic Tank

Index No.	Skyjack Part No.	Qty.	Description
-	9-190489	1	HYDRAULIC TANK SUBGROUP
-	9-190490	1	• ASSEMBLY, Hydraulic tank TH
1	9-190491	1	• • WELDMENT, Painted hydraulic tank
2	9-190506	1	• • PLATE, Access cover
3	9-191231	2	• • GASKET, TH hydraulic tank
4	9-191484	1	• • BREATHER, Hydraulic filler
5	9-103236	1	• • LEVEL INDICATOR, 3"
6	9-103996	12	• • WASHER, 11/32" ID x 3/4" OD x 3/32" zinc
7	9-103887	12	• • BOLT, Hex head 5/16"-18 x 3/4" Gr. 5
8	9-103404	12	• • WASHER, Lock 5/16"
9	9-117701	1	• • PLUG, Tank (3/4"-16 UNF with magnet)
10	9-125959	8	• WASHER, Flat 3/8" hard
11	9-104606	4	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
12	9-101632	4	• BOLT, Hex Head 3/8"-16 X 3/4" Gr. 5
13	9-103472	4	• WASHER, Flat 3/8"
14	9-144113	2	• FITTING, Plug - (20 ORB hex socket)
15	9-103870	4	• BOLT, Hex head 3/8"-16 x 1-1/2" Gr. 5
16	9-137630	1	• FITTING, (10 ORBM - 10 JICM)
17	9-933406	1	• FITTING, 32M (ORB-JIC)
18	9-105445	1	• FITTING, 90° (12 JICM - 12 ORBM)
19	9-751974	1	• FITTING, 45° (20 JICM - 20 ORBM)
20	9-191959	2	• WELDMENT, Hydraulic tank mount
21	9-103999	4	• WASHER, Lock 3/8"
22	9-159294	4	• NUT, Speed clip 3/8"-16

Section 2 – Axles

2.1 *Front Axle*

2.2 *Rear Axle*

2.3 *Drive Shaft*

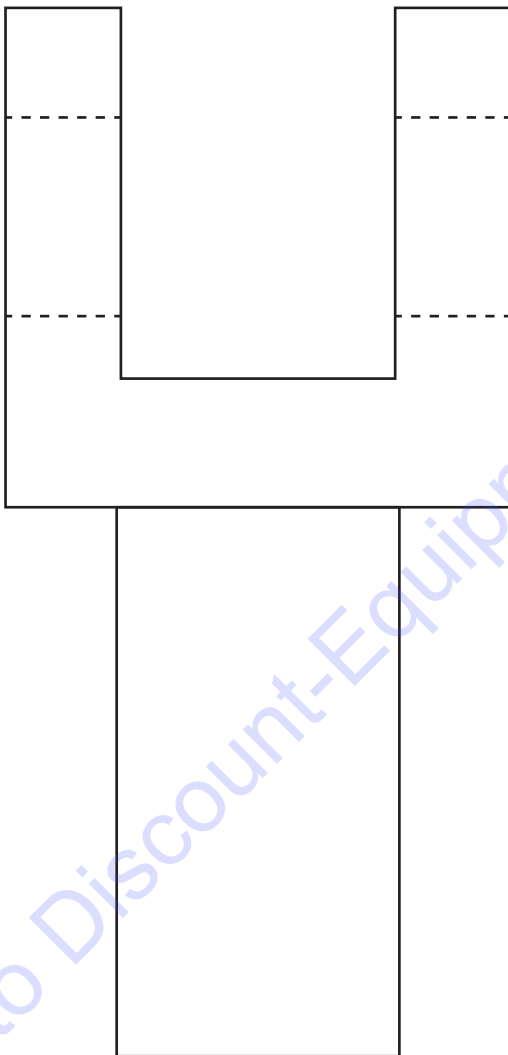
2.4 *Tires and Wheels*



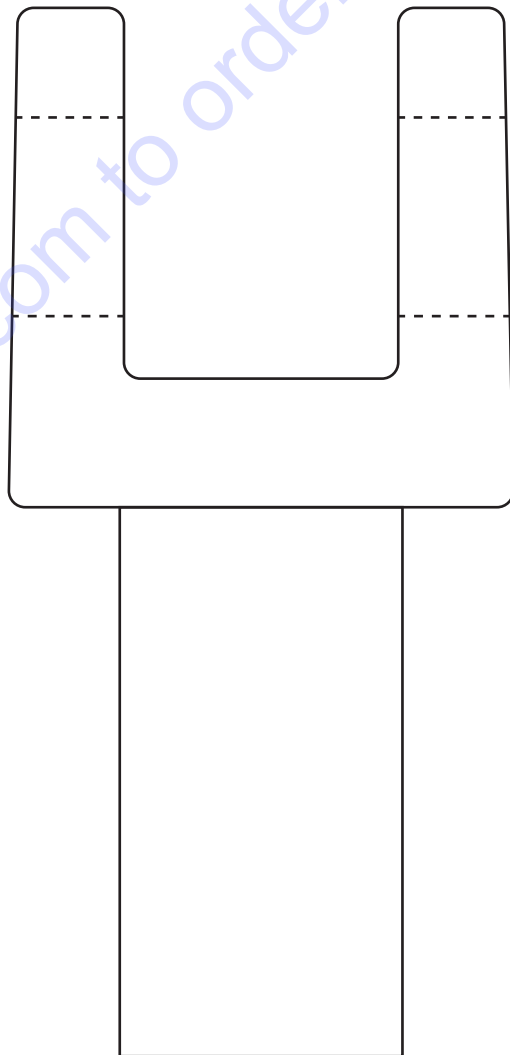
NOTE

If your telehandler has the Style B Clevis an extra crush washer (9-223856) and spacer (9-223853) is needed to secure the cylinder.

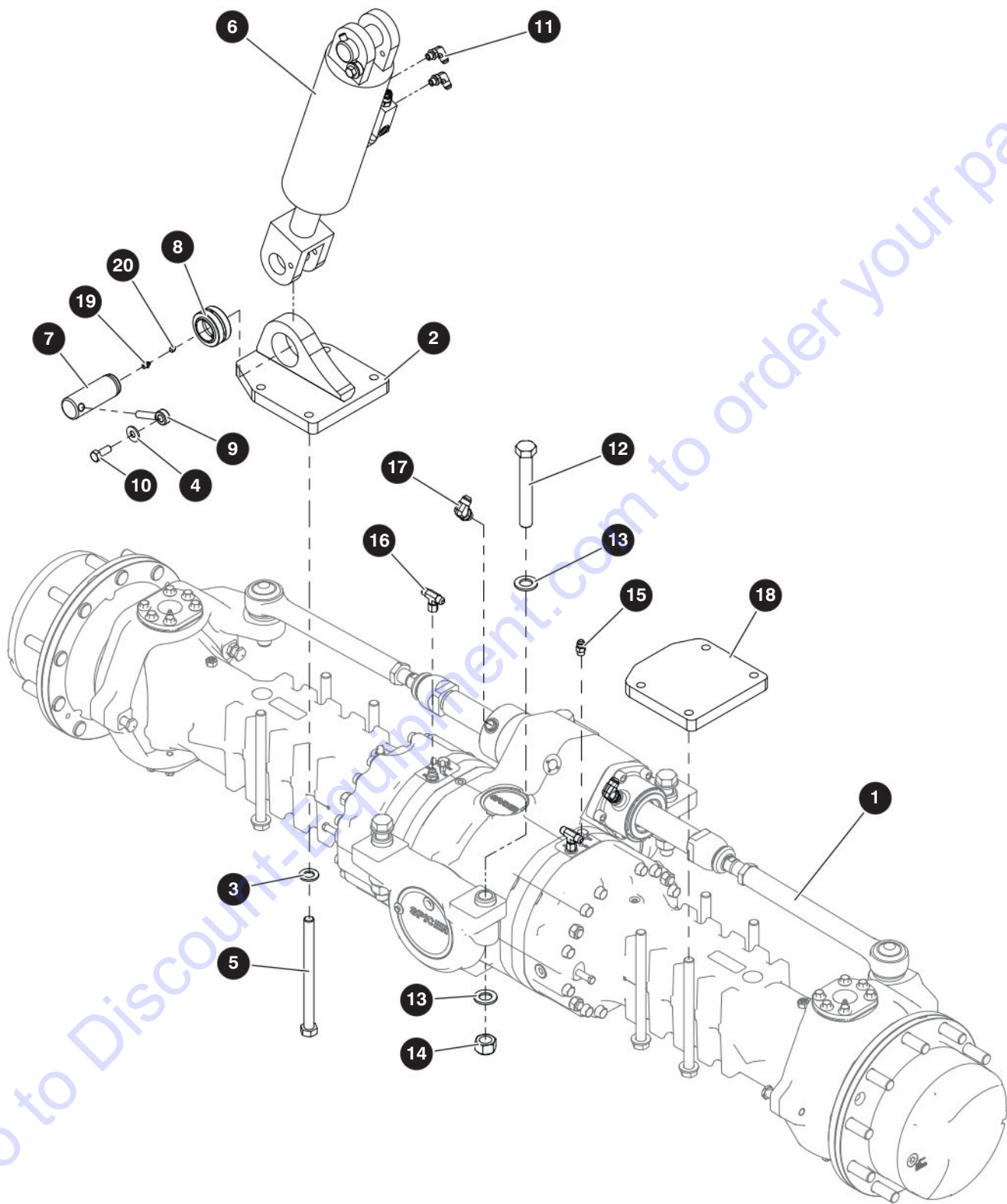
Style A Clevis



Style B Clevis



2.1 Front Axle



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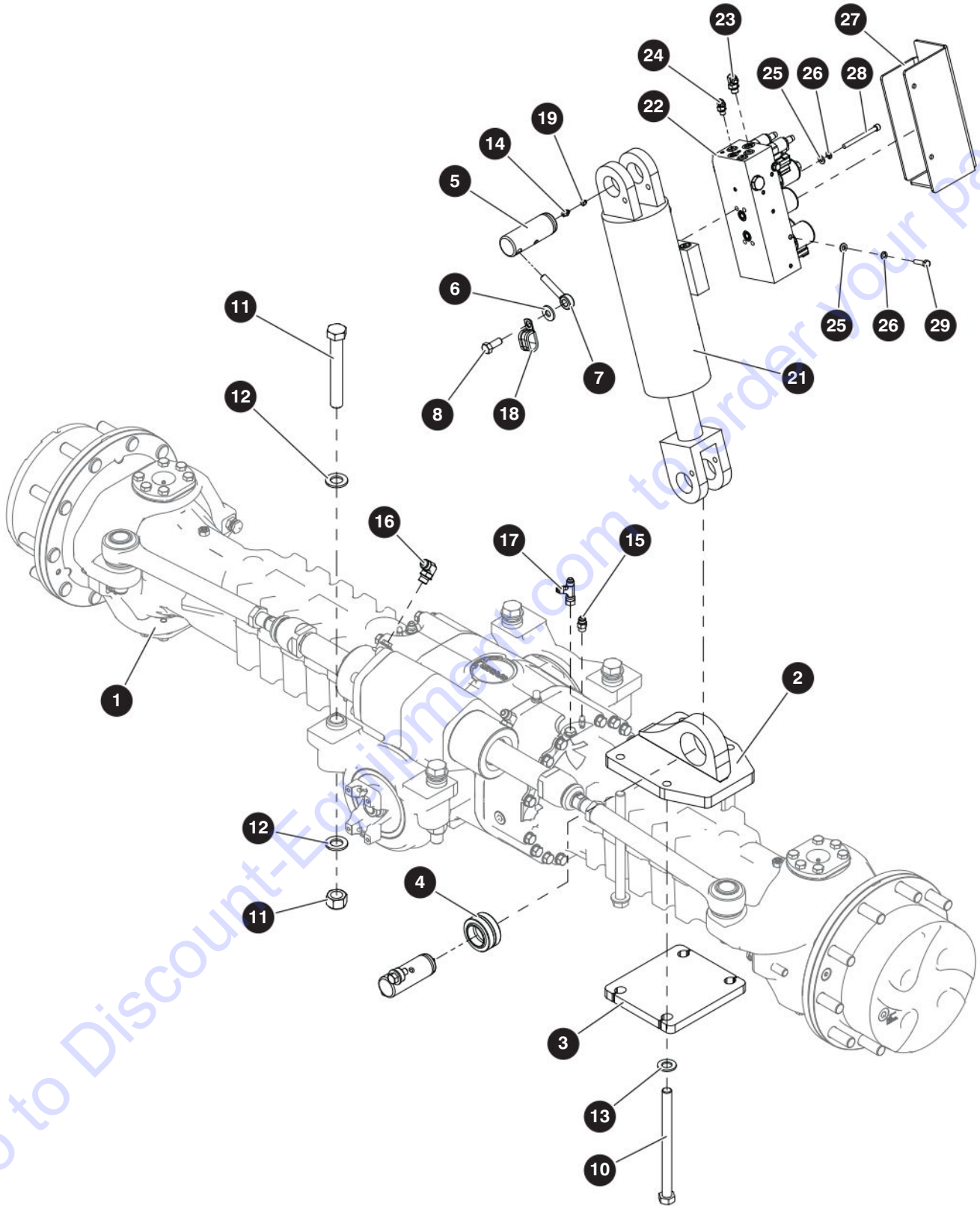
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SKYJACK

2.1 Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	9-205098	1	FRONT AXLE SUBGROUP 1256
1	9-205013	1	• AXLE FRONT 223, TH 12K
	9-222837	1	• • TIE ROD
2	9-191084	1	• WELDMENT, 1044/1056 Frame tilt mount
3	9-702194	8	• WASHER, Flat 3/4" Hard high\zinc plated
4	9-104379	2	• WASHER Flat 1/2" Hard
5	9-165200	8	• BOLT, Hex Head 3/4"-10 X 10" Gr. 8
6	9-205063	1	• CYLINDER, Frame level 1256
7	9-191866	2	• PIN, 1-3/4" DIA X 4-3/4" long
8	9-920767	1	• BEARING, Spherical
9	9-191232	2	• PIN, Anchor
10	9-169942	2	• BOLT, Hex Head 1/2"-13 x 1-1/4" Gr. 8 zinc plated
11	9-114578	2	• FITTING, 90° (06 JICM - 06 ORBM)
12	9-190867	4	• BOLT, Hex Head M24-3x170 GR10.9 zinc plated
13	9-236030	8	• WASHER, Structural M24 Hard
14	9-190866	4	• NUT, Crownlock M24-3 Gr. 10.9 zinc plated
15	9-190364	4	• FITTING, Straight (06 JICM) - 14mm
16	9-155022	2	• FITTING, BR tee - (06 JICM - 06 JICM - 06 JICF)
17	9-114583	2	• FITTING, 90° (08 JICM - 08 ORBM)
18	9-191839	1	• PLATE, Hard stop base
19	9-102027	2	• FITTING, Grease fitting 1/8" NPT straight
20	9-132565	2	• CAP, Grease GC5

2.2 Rear Axle



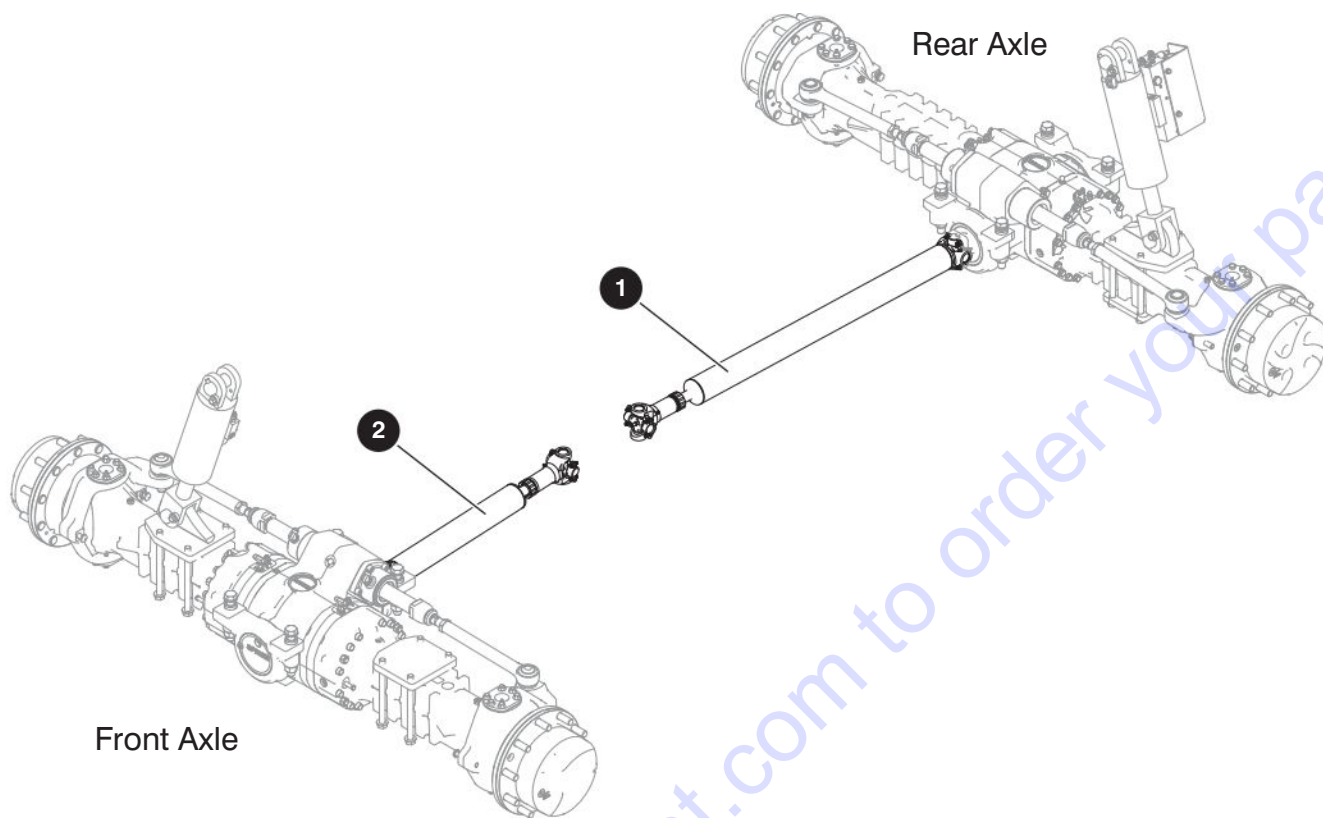
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2.2 Rear Axle

Index No.	Skyjack Part No.	Qty.	Description
-	9-205099	1	REAR AXLE SUBGROUP
1	9-205032	1	• REAR AXLE 223, TH 12K
2	9-205112	1	• MOUNT, 1256 RAS
3	9-191088	1	• PLATE, 1044/1056 Frame tilt bottom
4	9-9920767	1	• BEARING, Spherical
5	9-191866	2	• PIN, 1-3/4" DIA x 4-3/4" long
6	9-104379	2	• WASHER, Flat 1/2" HArd
7	9-191232	2	• PIN, Anchor
8	9-169942	2	• BOLT, Hex Head 1/2"-13x1-1/4" Gr. 8 zinc plated
9	9-190866	4	• NUT, Crownlock M24-3 Gr. 10.9 zinc plated
10	9-165200	4	• BOLT, Hex Head 3/4"-10 x 10" Gr. 8
11	9-190867	4	• BOLT, Hex Head M24-3x170 GR10.9 zinc plated
12	9-236030	8	• WASHER, Structural M24
13	9-702194	4	• WASHER, Flat 3/4" hard high\zinc plated
14	9-102027	2	• FITTING, Grease, 1/8 NPT straight
15	9-190364	2	• FITTING, Straight (06 JICM)14 mm
16	9-114583	2	• FITTING, 90 DEG (08JICM-08ORBM)
17	9-103309	1	• HYDRAULIC, Fitting run tee(JICM-JICM-JICF)#6
18	9-152333	1	• CLAMP - Tube (5/8" cus double 17/32" hole)
19	9-132565	2	• CAP, Grease GC5
20	9-191108	1	• ASSEMBLY, RAS CYLINDER
21	9-191832	1	• • CYLINDER, RAS 115B
22	9-198734	1	• • MANIFOLD, RAS
23	9-114578	1	• • FITTING, 90° (06 JICM - 06 ORBM)
24	9-125883	1	• • FITTING, 90° (04 JICM - 04 ORBM)
25	9-103996	6	• • WASHER, Flat 5/16"
26	9-103404	6	• • WASHER, Lock 5/16"
27	9-198564	1	• • COVER, RAS manifold
28	9-103746	4	• • SCREW, Socket head cap 5/16"-18 x 3-1/2"
29	9-103887	2	• • BOLT, Hex head 5/16"-16 x 3/4" Gr. 5

2.3 Drive Shaft



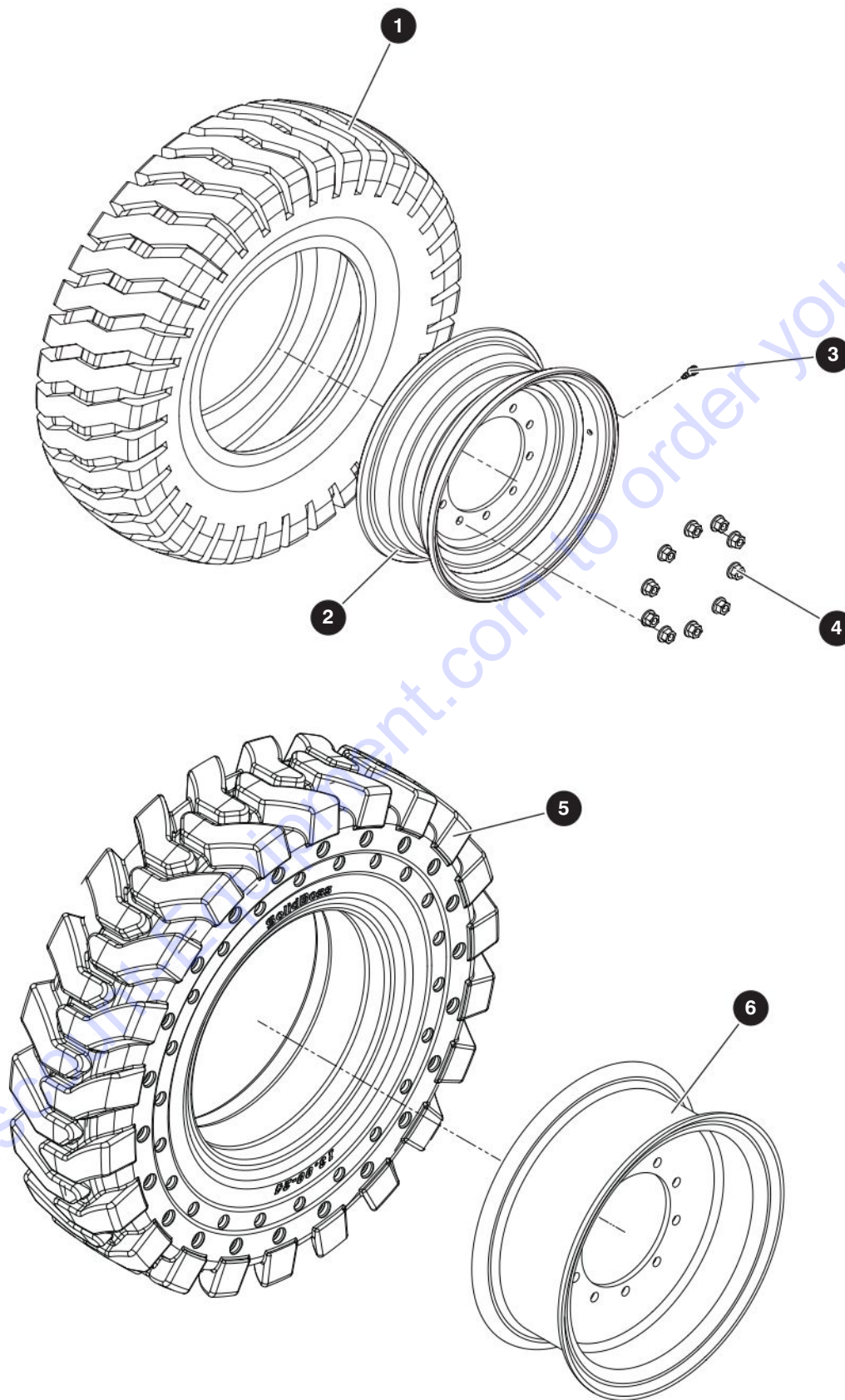
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Index No.	Skyjack Part No.	Qty.	Description
-	9-205192	1	DRIVE SHAFT
1	9-205201	1	• DIRVE SHAFT, Rear
2	9-190956	1	• DRIVE SHAFT, Front
-	9-221398	1	• • STRAP KIT (Not shown)

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2.4 Tires and Wheels



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2.4 Tires and Wheels

Index No.	Skyjack Part No.	Qty.	Description
A	9-207591	1	FOAM ROUGH TERRAIN, GALAXY GIRAFFE 14-24, 16PR
	9-207590	2	• TIRE, WHEEL ASSY - LH GALAXY GIRAFFE 14-24 FM
	9-207589	1	• • TIRE, WHEEL ASSY LH GALAXY GIRAFFE XLW 14-24
	9-207588	2	• TIRE, WHEEL ASSY - RH GALAXY GIRAFFE 14-24 FM
	9-207587	1	• • TIRE, WHEEL ASSY RH GALAXY GIRAFFE XLW 14-24
B	9-207603	1	AIR ROUGH TERRAIN, GALAXY GIRAFFE 14-24, 16PR
	9-207589	2	• TIRE, WHEEL ASSY LH GALAXY GIRAFFE XLW 14-24
	9-207587	2	• TIRE, WHEEL ASSY RH GALAXY GIRAFFE XLW 14-24
C	9-205177	1	TIRE/WHEEL ASSY, SOLIDBOSS 14.00-24
	9-205185	2	• TIRE WHEEL ASSEMBLY RH 14.00-24
	9-205186	2	• TIRE WHEEL ASSEMBLY LH 14.00-24
D	9-211572	1	TIRE GROUP, NON MARKING FOAM FILL 14-24
	9-211574	2	• TIRE, WHEEL NON-MARKING RH 14-24
	9-211576	1	• • TIRE, WHEEL NON-MARKING RH 14-24
	9-211573	2	• TIRE, WHEEL NON-MARKING LH 14-24
	9-211575	1	• • TIRE, WHEEL NON-MARKING RH 14-24
E	9-216692	1	TIRE/WHEEL ASSY, SOLIDBOSS 14.00-24
	9-216693	2	• TIRE WHEEL ASSEMBLY RH 14.00-24
	9-216694	2	• TIRE WHEEL ASSEMBLY LH 14.00-24
1	9-207566	1	TIRE, Galaxy giraffe XLW 14.00-24, 16PR - A,B
	9-211577	1	TIRE, Non-marking 14 x 24 16PR SL G2 - D
2	9-207546	1	RIM, 24.0 X 9.0, SJ10XXTH - A,B,D
3	9-932593	1	VALVE, Air
4	9-927901	40	NUT, Wheel M22 x 1.5
5	9-205183	1	TIRE, Solidboss 14.00-24 - C
	9-216695	1	TIRE, Solidboss Non-marking 14.00-24 - E
6	9-205184	1	RIM, Solidboss 8.5-24 - C, E
	9-402156	4	LABEL, Tire pressure 80 PSI - B (Not Shown)
	9-142384	4	LABEL, Tires foam filled - A, D (Not Shown)
	9-162400	1	FILL, Foam OEM 40/60 crumb - A, D (Not Shown)

Section 3 – Engine and Transmission



Engine Tray



DEF Lines



**Engine and Powershift
Transmission**



Cooling Package Style A



**Engine and CVT Transmission
107 HP Assembly**



**Cooling Package Style A for
CVT**



Engine Components



Cooler - Internal Breakdown



**Powershift Transmission -
Housing & Case**



Cooling Package Style B



**Continuously Variable
Transmission (CVT) Assembly**



**Cooling Package Style B -
Internal Breakdown**



Fuel Lines



**Powershift Transmission
Hydraulic Pump**



Air Intake System

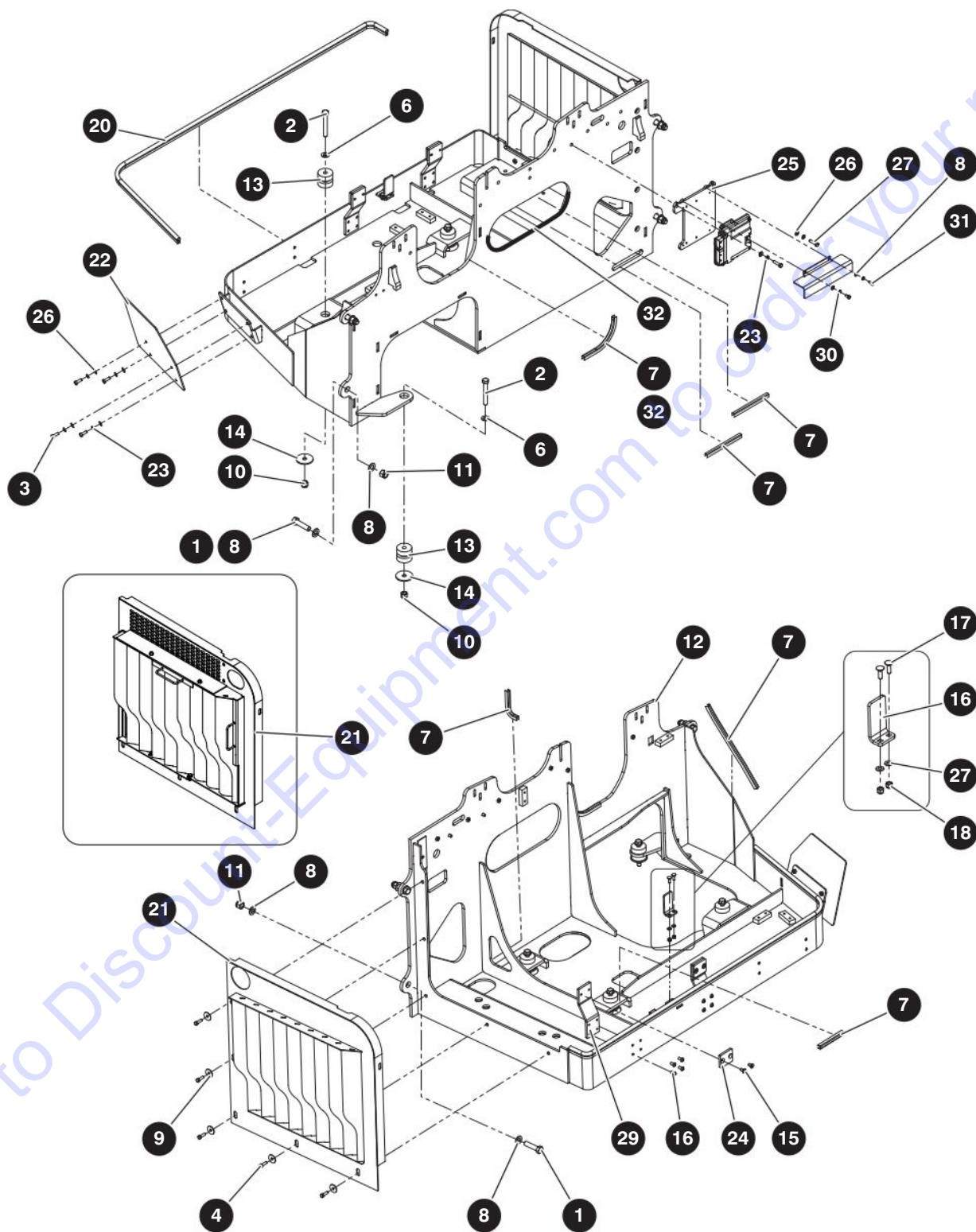


CVT Hydraulic Pump



Exhaust Aftertreatment System

3.1 Engine Tray

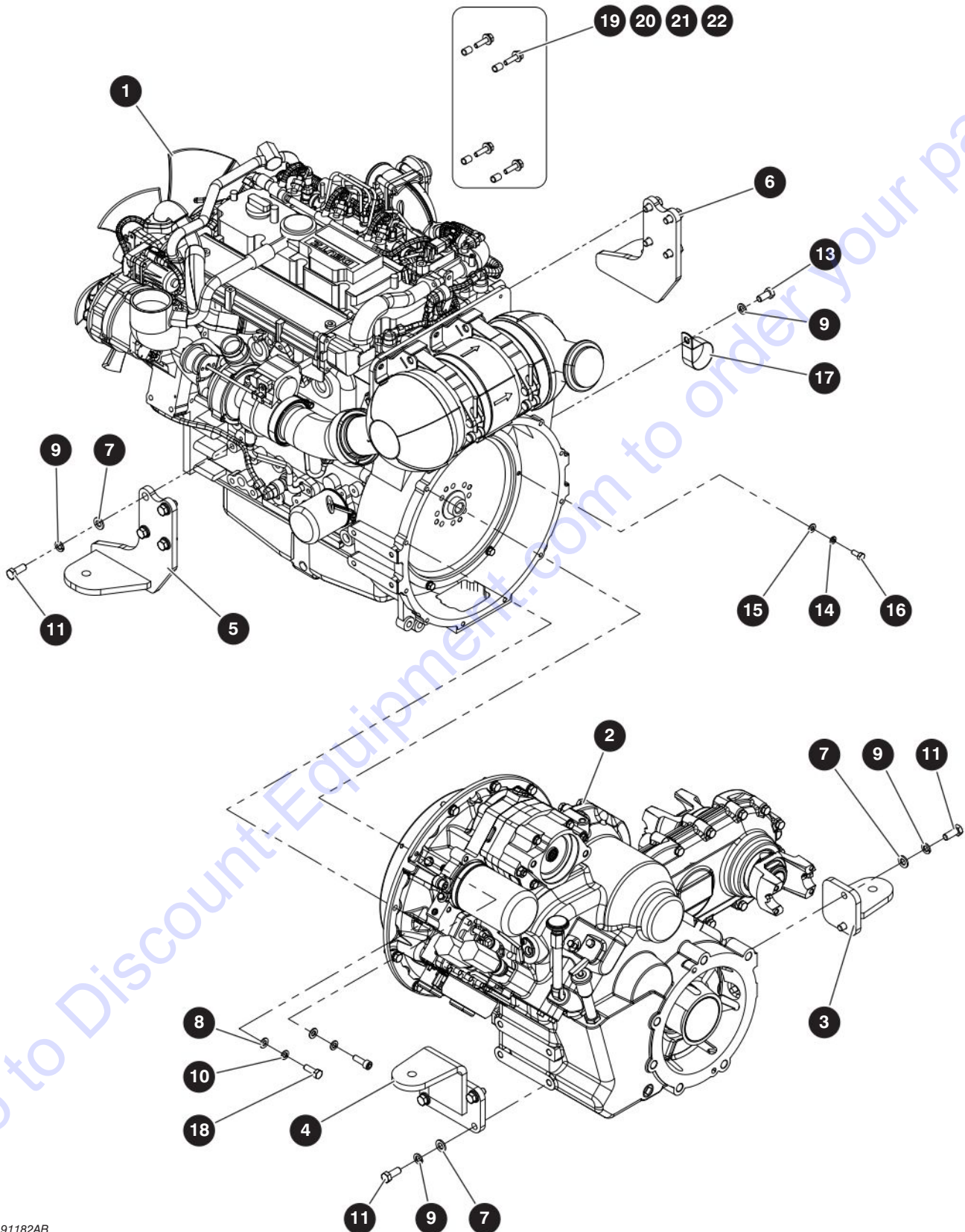


M190704AH

3.1 Engine Tray

Index No.	Skyjack Part No.	Qty.	Description
A	9-190704	-	ENGINE TRAY ASSEMBLY
B	9-223508	-	ENGINE TRAY ASSEMBLY (Only for Cooling Package 9-223214 / 9-223215)
C	9-220124	-	ENGINE TRAY ASSEMBLY - CVT
1	9-103894	4	• BOLT, Hex head 3/4"-10 X 3" Gr. 8
2	9-701762	4	• BOLT, Hex head 5/8"-11 X 4-1/2" Gr. 8 - A, B
-	9-192219	1	• BOLT, Hex head 5/8"-11 X 4" GR8 - C
3	9-103473	4	• BOLT, Hex head 3/8"-16 X 1" Gr. 5
4	9-101297	5	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
5	9-702194	8	• WASHER, Flat 3/4" hard high zinc
6	9-700782	4	• WASHER, Flat 5/8" hard high zinc
7	9-119922	87"	• TRIM, Protective 1/4 - 1/2"
8	9-103996	4	• WASHER, Flat 5/16" SAE
9	9-127067	5	• WASHER, Flat 3/8" style BB
10	9-111577	4	• NUT, Lock with nylon insert 5/8"-11 Gr. 5
11	9-700575	4	• NUT, Lock 3/4"-10 Gr. 8
12	9-190745	1	• WELDMENT, TH Engine tray
13	9-190749	4	• ISOLATOR, Engine
14	9-190889	4	• WASHER, Rebound
15	9-411768	4	• BOLT, Flat head cap 3/8"-16 X 3/4" Gr. 5
16	9-170182	8	• BOLT, Button head cap 3/8"-16 X 3/4"
17	9-190484	1	• BRACKET, Latch
18	9-133216	2	• BOLT, CARRIAGE 5/16"-18 X 1" Gr. 5
19	9-103984	2	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
20	9-190483	86"	• SEAL, 1/4" edge X 5/8" bulb
21	9-191190	1	• WELDMENT, Inlet grill - A, C
-	9-223517	1	• WELDMENT, Inlet grill - B
22	9-191405	1	• PLATE, Cowling fender
23	9-103999	6	• WASHER, Lock 3/8"
24	9-190936	2	• PAD, Cowling hard stop
25	9-191383	1	• PLATE, ECU mounting
26	9-103472	6	• WASHER, Flat 3/8"
27	9-103870	2	• BOLT, Hex head 3/8"-16 X 1-1/2" Gr. 5
28	9-191351	1	• COVER, ECU
29	9-190935	2	• BRACKET, Cowling hard stop
30	9-103404	2	• WASHER, Lock 5/16"
31	9-148331	2	• BOLT, Hex head 5/16"-18 X 5/8" Gr. 5
32	9-196566	54	PROTECTIVE TRIM, 1/2" TO 5/8" - C

3.2 Engine and Powershift Transmission

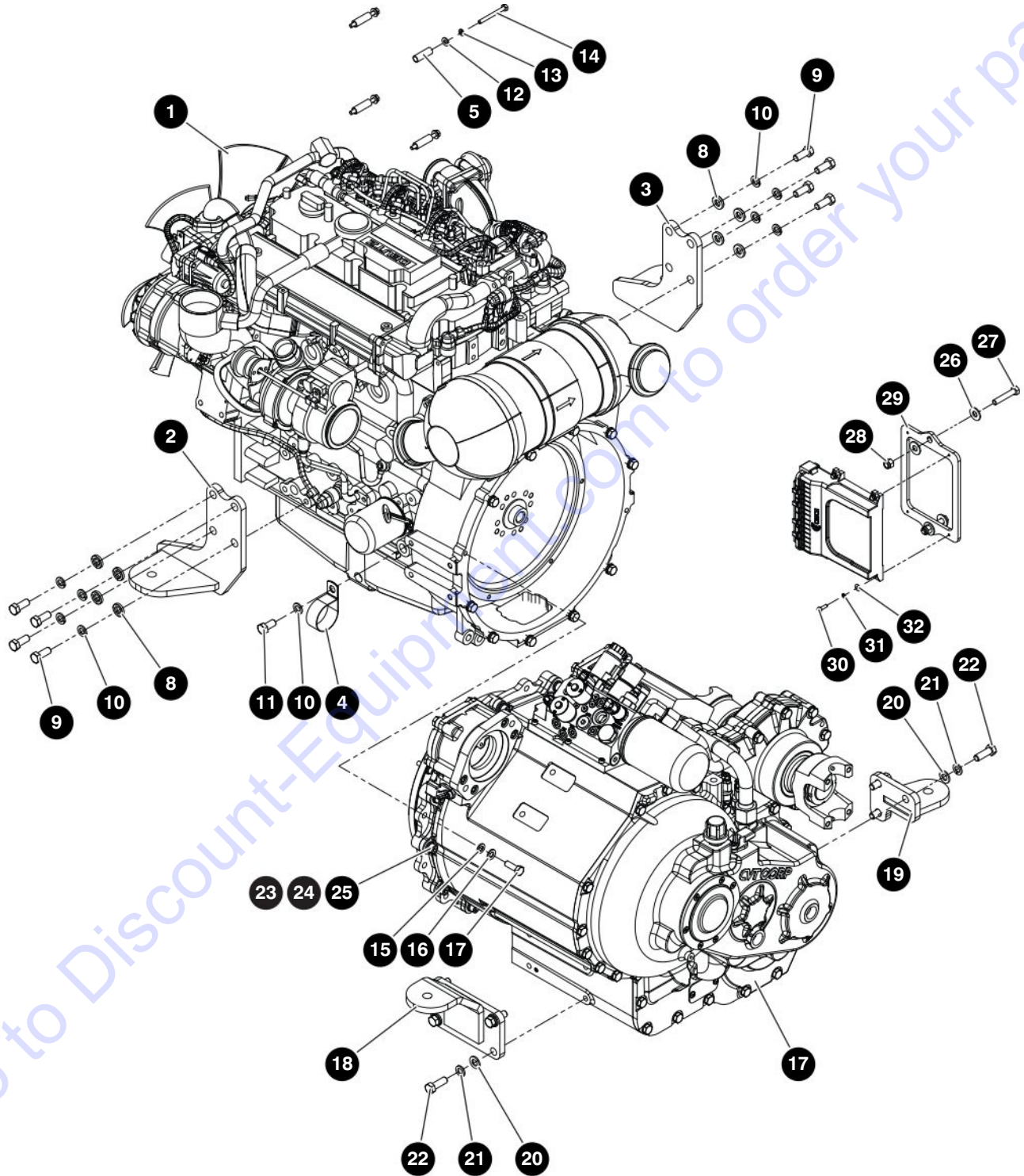


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3.2 Engine and Poweshift Transmission

Index No.	Skyjack Part No.	Qty.	Description
-	9-191182	1	ASSEMBLY, ENGINE/TRANSMISSION SUBGROUP, DEUTZ 3.6 107 HP
1	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Engine Deutz TCD 3.6 T4F 107 HP (For components, refer to Section 3.4)
2	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Transmission VDT 12000 12 K (For components, refer to Section 3.5)
3	9-190712	1	<ul style="list-style-type: none"> MOUNT, Transmission - inner
4	9-190709	1	<ul style="list-style-type: none"> MOUNT, Transmission - outer
5	9-190715	1	<ul style="list-style-type: none"> MOUNT, 3.6 L engine - outer
6	9-190718	1	<ul style="list-style-type: none"> MOUNT, 3.6 L engine - inner
7	9-933630	14	<ul style="list-style-type: none"> WASHER, Structural M12 Hard
8	9-933833	10	<ul style="list-style-type: none"> WASHER, Flat M10 OD 20.0
9	9-116995	15	<ul style="list-style-type: none"> WASHER, Lock M12 plated DIN 127B
10	9-130884	10	<ul style="list-style-type: none"> WASHER, Lock M10-plated DIN 127B
11	9-933659	14	<ul style="list-style-type: none"> BOLT, Hex head M12 x 1-3/4" x 30 mm CL 10.9
12	9-933658	10	<ul style="list-style-type: none"> BOLT, Hex head M10 x 1-1/2" x 30 mm Gr. 10.9 YE
13	9-152324	1	<ul style="list-style-type: none"> BOLT, Hex head M12 x 1-3/4" x 25 mm Gr. 8.8 ZP
14	9-103404	6	<ul style="list-style-type: none"> WASHER, Lock 5/16"
15	9-103996	6	<ul style="list-style-type: none"> WASHER, Flat 5/16"
16	9-158320	6	<ul style="list-style-type: none"> BOLT, Hex head 5/16"-18 x 3/4" Gr. 8
17	9-171177	1	<ul style="list-style-type: none"> CLAMP - Loop vinyl coated - 2"
18	9-191757	1	<ul style="list-style-type: none"> BOLT, Socket head M10-1-1/2" x 30
19	9-133598	4	<ul style="list-style-type: none"> SPACER, 3/8" x 1-1/2"
20	9-103995	4	<ul style="list-style-type: none"> WASHER, Flat 1/4"
21	9-104000	4	<ul style="list-style-type: none"> WASHER, Lock 1/4"
22	9-103861	4	<ul style="list-style-type: none"> BOLT, Hex head 1/4"-20 x 2-1/2" Gr. 5
23	9-108675	4	<ul style="list-style-type: none"> WIRE PROTECTOR, 1/2" DIA (Not Shown)

3.3 Engine and CVT Transmission 107 HP Assembly



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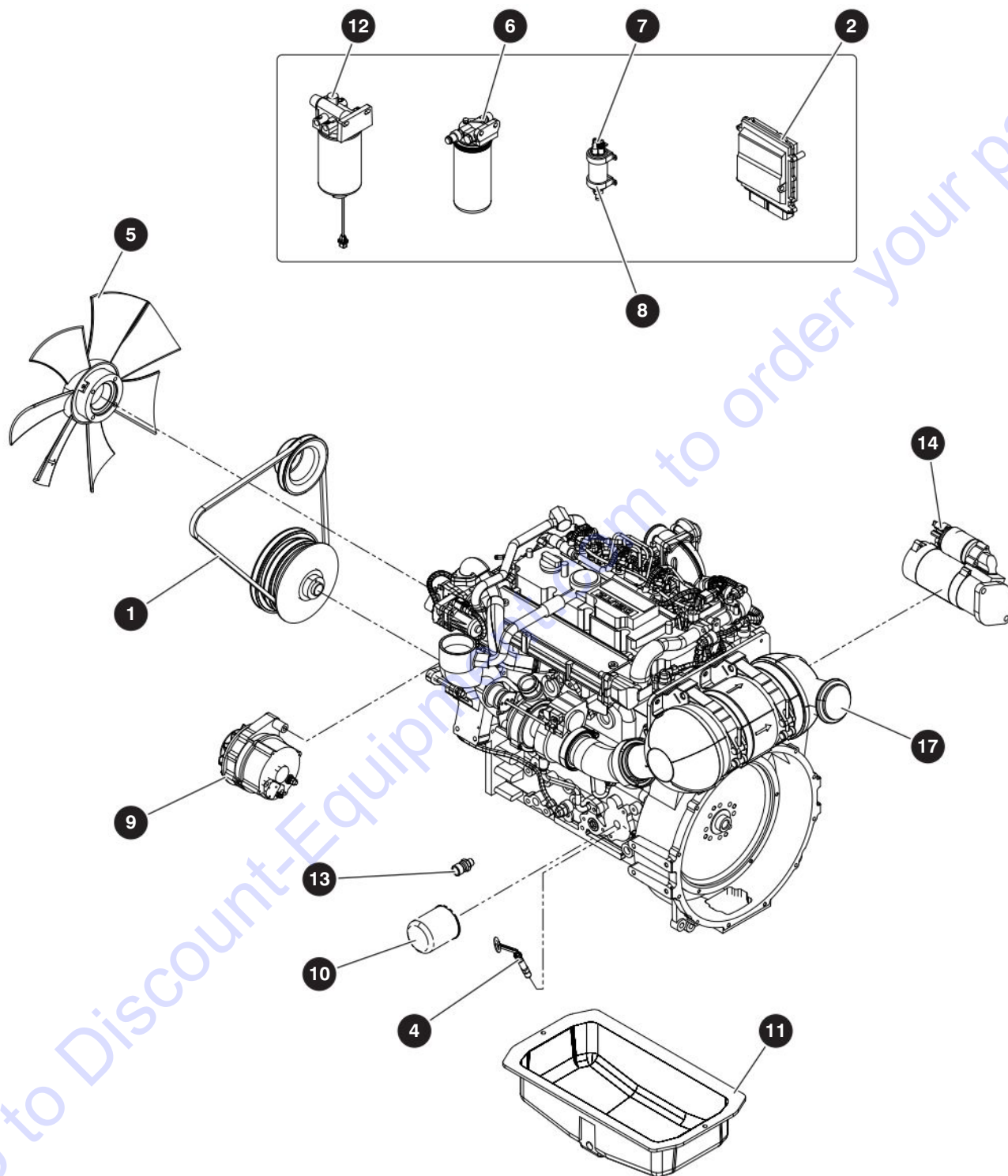
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3.3 Engine and CVT Transmission 107 HP Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-216565	1	ENGINE SUBGROUP, DEUTZ 3.6L 107 HP-CVT
1	(Ref)	1	• ENGINE, DEUTZ TCD3.6 T4F 107HP
2	190715	1	• MOUNT, 3.6L ENGINE - OUTER
3	190718	1	• MOUNT, 3.6L ENGINE - INNER
4	171177	2	• CLAMP - LOOP VINYL COATED - 2"
5	194922	4	• ROLLED SPACER 3/8"X1-1/2"
6	108675	7	• WIRE-PROTECTOR 1/2" DIA
7	933658	11	• BOLT, HXHD M10 X 1.5 X 30MM GR 10.9 YE
8	933630	8	• WASHER, STRUCTURAL M12 HARD
9	933659	8	• BOLT, HEX HD M12-1.75x30MM CL 10.9
10	116995	10	• WASHER LOCK M12_PLATED DIN 127B
11	152324	2	• BOLT, HXHD M12 X 1.75 X 25MM GR 8.8 ZP
12	103995	4	• WASHER, FLAT 0.250
13	104000	4	• WASHER, LOCK 0.25
14	127284	4	• BOLT, HXHD 0.25-20 X 2.500 GR5
15	933833	11	• WASHER, FLAT M10-OD 20.0
16	130884	11	• WASHER LOCK M10-PLATED DIN 127B
-	216573	1	• TRANSMISSION ASSY, CVT
17	(Ref.)	1	• • CVT PURCHASED ASM
18	216741	1	• • BRACKET, TRANSMISSION MOUNT
19	216745	1	• • BRACKET, TRANSMISSION MOUNT
20	933817	7	• • WASHER, FLAT M12 CL 200 Y
21	116995	7	• • WASHER LOCK M12_PLATED DIN 127B
22	149419	7	• • BOLT, HXHD M12 X 1.75 X 35MM GR 8.8 ZP
23	132497	1	• • WASHER LOCK M10-PLATED DIN 127B
24	191757	11	• • BOLT, SKT HEAD M10-1.50x30
25	933833	11	• • WASHER, FLAT M10-OD 20.0
-	220127	1	• ASSEMBLY, CVT TCU MOUNTING-10K/12K
26	152200	4	• • WASHER, FLAT 0.375 USS
27	103596	2	• • BOLT-HEX HD/ZINC (.38-16 X 2.00 / GR5)
28	104606	2	• • NUT, LOCK 0.375-16 GR5 - NYL
-	221259	1	• • SUB ASSY - CVT TCU MOUNTING
29	221258	1	• • • PLATE, TCU MOUNTING
30	800352	4	• • • BOLT, HEX HEAD M5 X 0.8 X 16 MM LG
31	104185	4	• • • WASHER, LOCK #10
32	104694	4	• • • Washer Flat #10

3.4 Engine Components



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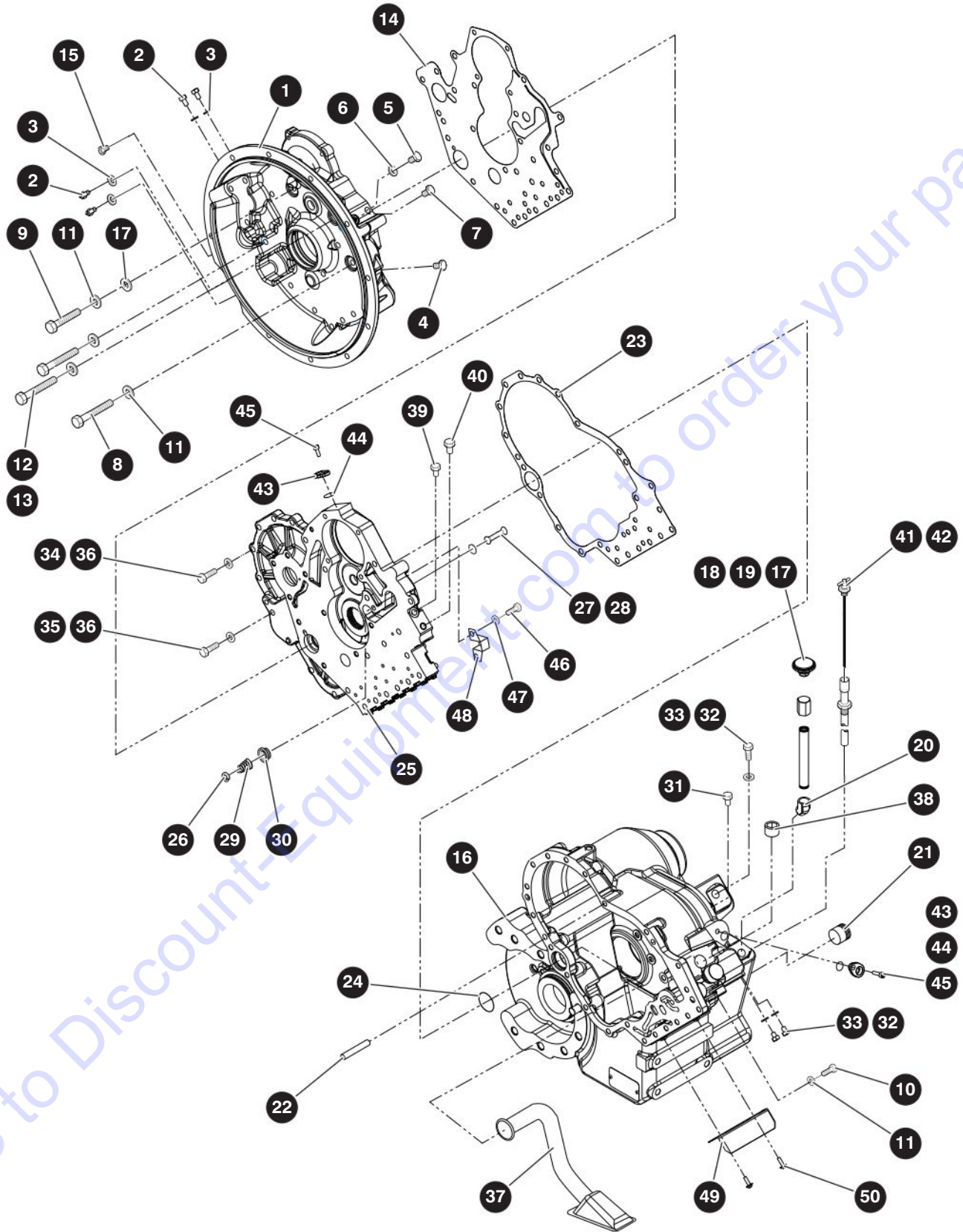
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3.4 Engine Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-190004	1	• ASSEMBLY, ENGINE DEUTZ TCD 3.6 T4F 107 HP
1	9-197173	1	• ASSEMBLY, V-grooved pulley
2	9-197187	1	• CONTROL UNIT
3	9-197183	1	• COOLANT PUMP, water pump (Not shown)
4	9-197179	1	• INDICATOR, Fluid level
5	9-196882	1	• FAN
	9-229053	1	• • BOLT, Hexagonal
6	9-197181	1	• FILTER, Fuel
-	9-166700	1	• • SENSOR, pressure (Not shown)
-	9-197182	1	• • FILTER, Spin-on, fuel (Not shown)
	9-216423	1	• • HOSE LINE, Outlet fuel to injector pump (Not shown)
7	9-164770	1	• PUMP, Fuel supply
8	9-197095	2	• • CLIP
9	9-197184	1	• ALTERNATOR
10	9-196896	1	• FILTER, Oil
11	9-197180	1	• PAN, Oil
12	9-196888	1	• PRE-FILTER
-	9-196889	1	• • CARTRIDGE, Filter (Not shown)
-	9-169249	1	• • WIRE, Sensor cable (Not shown)
-	9-196893	1	• • PLUG, Vent (Not shown)
13	9-166704	1	• PRESSURE SENSOR
14	9-216438	1	• STARTER
15	9-196886	1	• TACHO-GENERATOR (Not shown)
16	9-197186	1	• TRANSMITTER, Temperature (Not shown)
17	9-197188	1	• CATALYTIC CONVERTER, Diesel Oxidation
18	9-216436	1	• RELAY (Not Shown)
20	9-216735	1	• HEATING ELEMENT
21	9-199251	1	• CABLE, 120 V, 1.5 m
22	9-199252	1	• CABLE, 120 V, 5 m
23	9-221397	1	• PUMP, Supply
	9-223182	1	• • FILTER, Supply pump (Not shown)
24	9-223196	1	• PIPE, line lead
25	9-223203	1	• SENSOR

3.5 Powershift Transmission - Housing & Case



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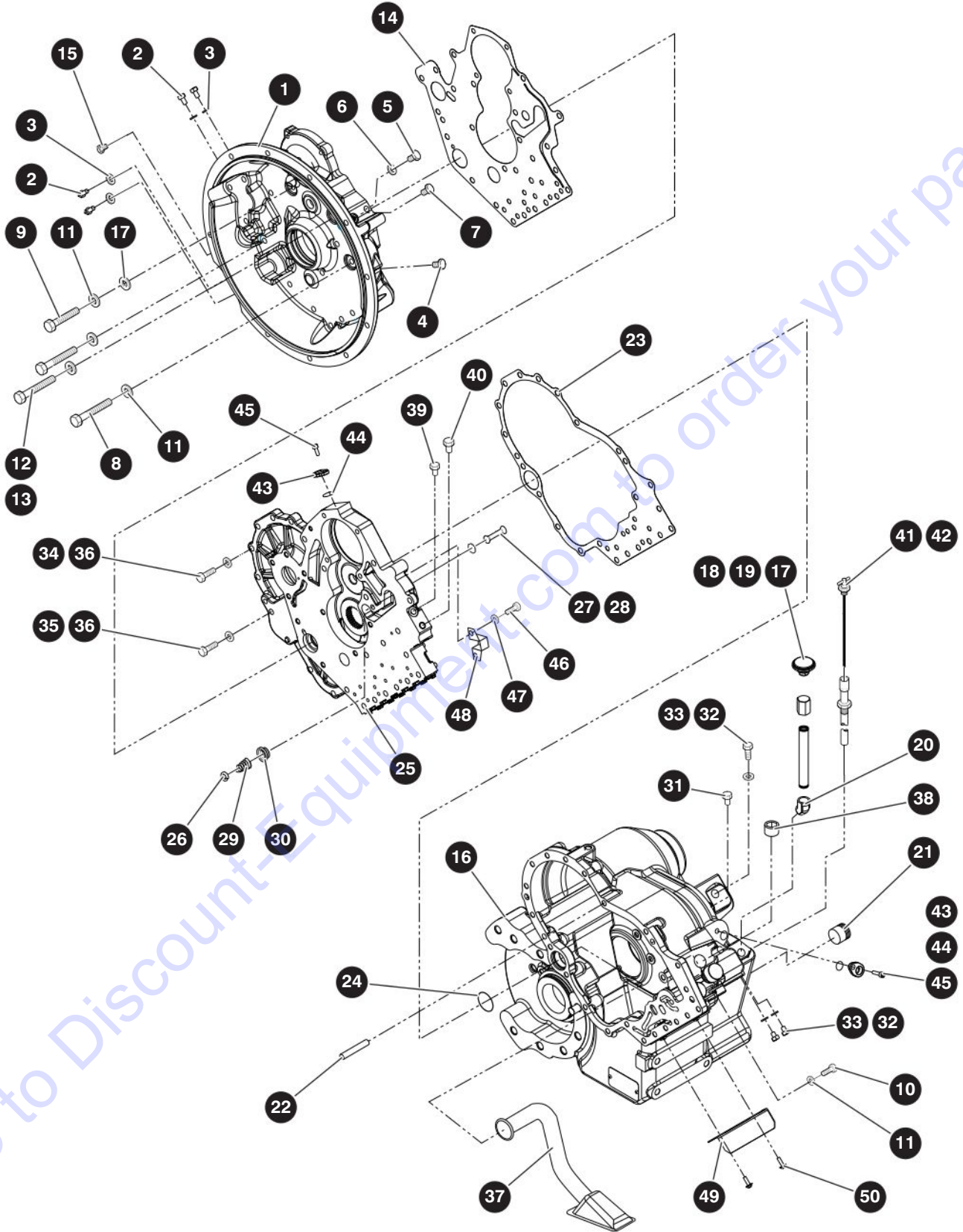
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3.5 Powershift Transmission - Housing & Case

Index No.	Skyjack Part No.	Qty.	Description
-	9-190023	1	ASSEMBLY, TRANSMISSION VDT 12000
1	9-196663	1	• HOUSING, Converter
2	9-196664	4	• PLUG
3	9-196665	4	• • O RING
4	9-196666	1	• PLUG-Regulator pressure side
5	9-196664	1	• PLUG
6	9-196665	1	• • O RING
7	9-196667	1	• PLUG
8	9-196668	6	• SCREW
9	9-196669	3	• SCREW
10	9-196670	1	• SCREW
11	9-196671	10	• WASHER, Lock
12	9-196669	13	• SCREW
13	9-196671	13	• WASHER, Lock
14	9-407606	1	• GASKET
15	9-196673	1	• SWITCH, Temperature
16	9-196675	1	• TRANSMISSION CASE
17	9-406776	1	• BREATHER-AIR
18	9-196677	1	• NIPPLE-PIPE
19	9-196678	1	• COUPLING-PIPE
20	9-196679	1	• FITTING, Elbow
21	9-406511	2	• PLUG, Magnetic drain
22	9-196681	2	• PIN
23	9-407607	1	• GASKET
24	9-406859	1	• RING, Oil supply tube seal
25	9-196684	1	• PLATE, Spacer
26	9-196685	1	• SEAT, Safety valve
27	9-196686	1	• SNAP RING, Seat
28	9-196687	1	• POPPET
29	9-196688	1	• SPRING
30	9-196689	1	• WASHER, Poppet retaining
			Parts list continued on following page

3.5 Powershift Transmission - Housing & Case



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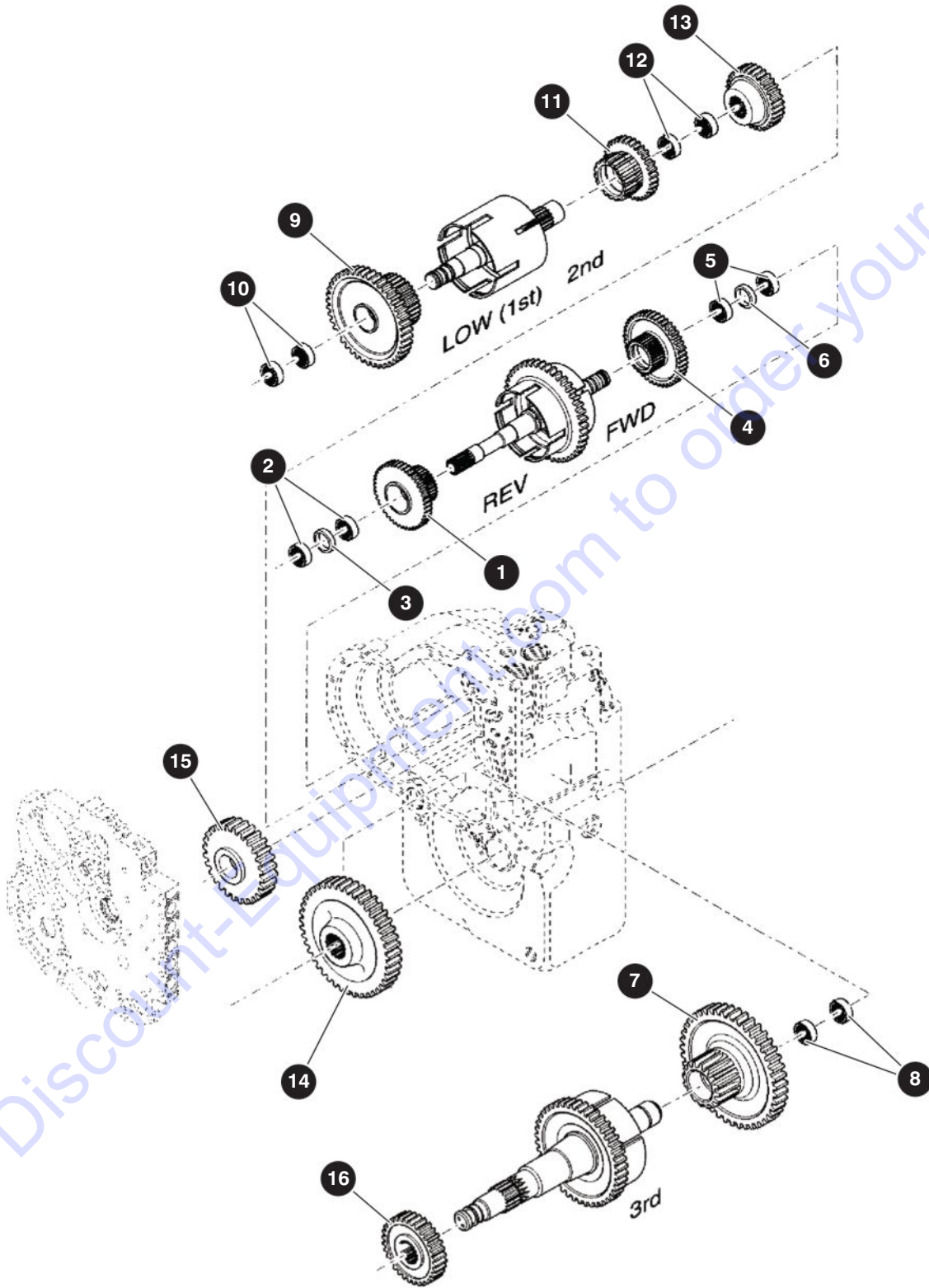
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3.5 Powershift Transmission - Housing & Case

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from previous page
31	9-196666	1	• PLUG
32	9-196664	3	• PLUG
33	9-196665	3	• • O RING
34	9-196690	7	• SCREW
35	9-196691	2	• SCREW
36	9-196671	9	• WASHER, Lock
37	9-196692	1	• ASSEMBLY, Suction tube
38	9-196693	1	• PLUG
39	9-196666	1	• PLUG
40	9-196667	1	• PLUG
41	9-196694	1	• ASSEMBLY, Dipstick tube
42	9-196695	1	• DIPSTICK-Cold level
43	9-407623	2	• PLUG
44	9-407630	2	• O RING
45	9-407484	2	• SCREW
46	9-196698	2	• CAPSCREW
47	9-196699	2	• WASHER
48	9-196700	1	• BAFFLE-Safety valve
49	9-196701	1	• PLATE-Solenoids protection
50	9-196702	2	• SCREW, Hex Socket button head capscrew w/flange m6x

3.6 Transmission - Gear Group



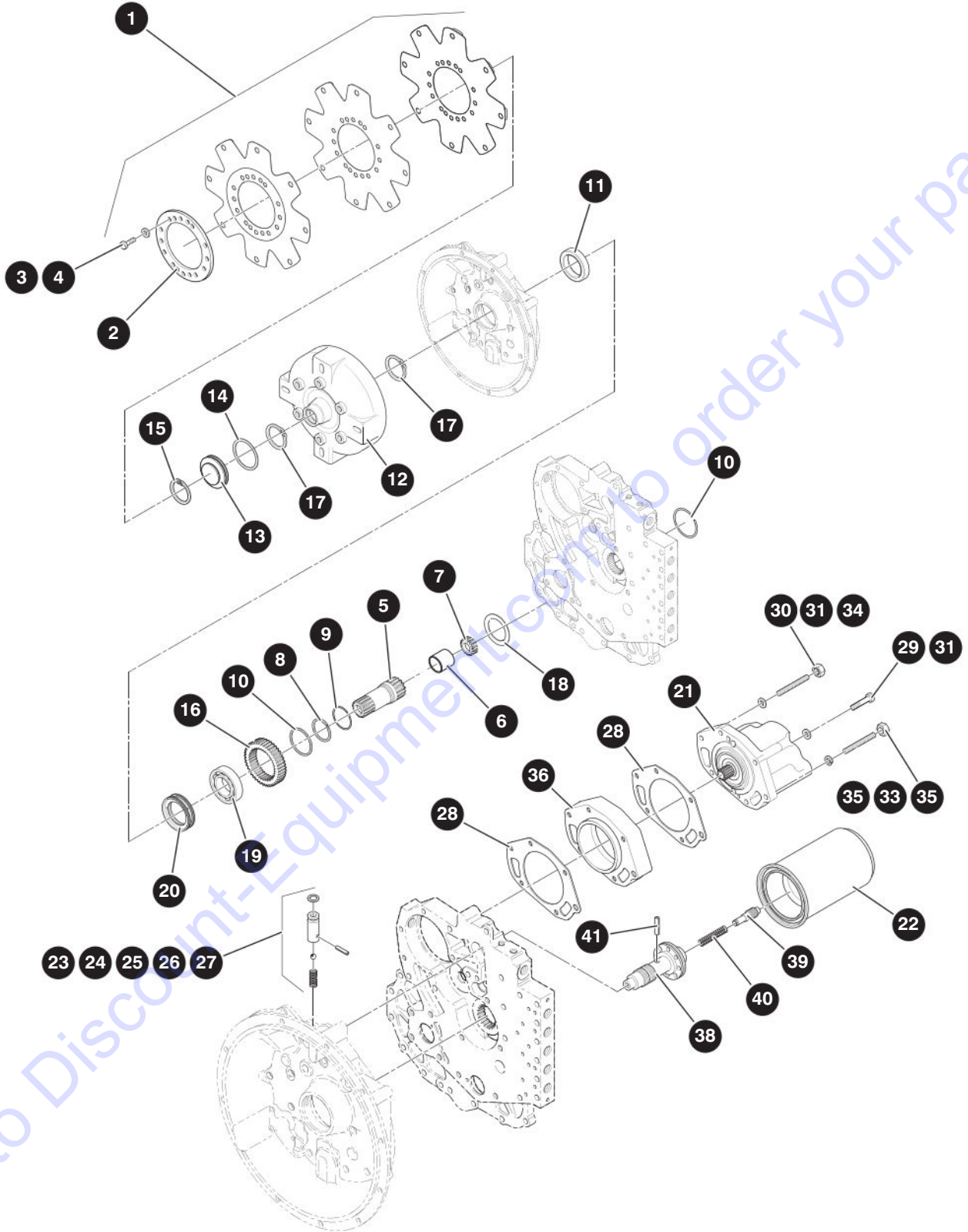
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3.6 Transmission - Gear Group

Index No.	Skyjack Part No.	Qty.	Description
1	9-196720	1	• ASSEMBLY, Reverse gear & bearing
2	9-406836	2	• • BEARING NEEDLE
3	9-196722	1	• • SPACER
4	9-196723	1	• ASSEMBLY, Forward gear & bearing
5	9-406836	2	• • BEARING NEEDLE
6	9-196722	1	• • SPACER
7	9-196724	1	• ASSEMBLY, 3rd clutch gear & bearing
8	9-407672	2	• • BEARING-NEEDLE
9	9-196726	1	• ASSEMBLY, 1st clutch gear & bearing
10	9-406836	2	• • BEARING NEEDLE
11	9-196727	1	• ASSEMBLY, 2nd clutch gear & bearing
12	9-406836	2	• • BEARING NEEDLE
13	9-196728	1	• GEAR, 3rd driven
14	9-196729	1	• GEAR, Output shaft
15	9-196730	1	• GEAR, Reverse idler
16	9-196731	1	• GEAR, First drive

3.7 Transmission - Drive Plate, Torque Converter & Pump



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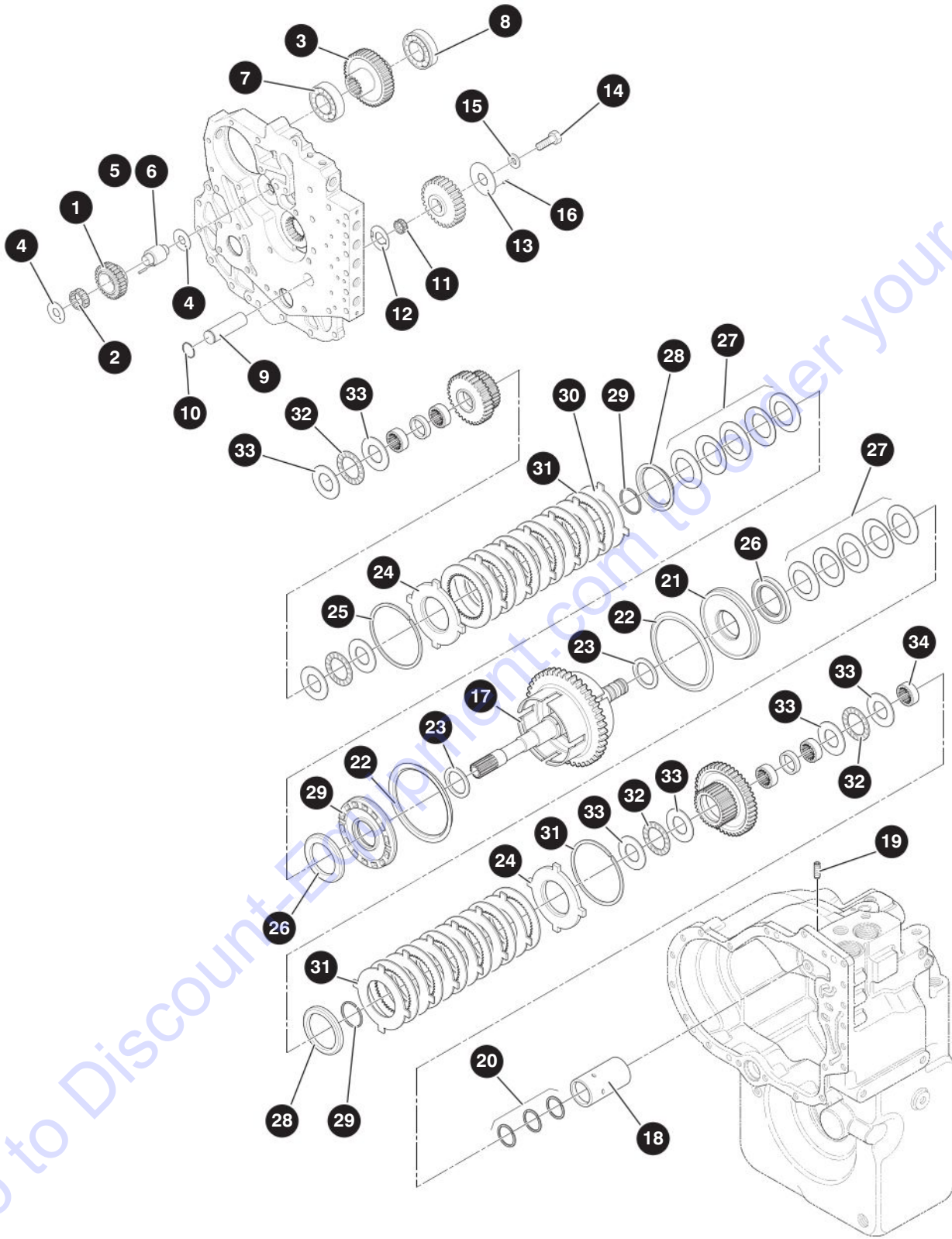
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3.7 Transmission - Drive Plate, Torque Converter & Pump

Index No.	Skyjack Part No.	Qty.	Description
1	9-196866	1	• KIT, Drive plate
2	9-406861	1	• • RING, Backing
3	9-196868	6	• • CAPSCREW
4	9-407780	6	• • WASHER, Lock
5	9-196704	1	• ASSEMBLY, Stator support
6	9-196705	1	• • BUSHING
7	9-196706	1	• • BEARING
8	9-406856	1	• RING, Stator support piston
9	9-406858	1	• EXPANDER, Stator support piston ring
10	9-406853	2	• SNAP RING, Stator support
11	9-406870	1	• SEAL
12	9-197177	1	• ASSEMBLY, Torque converter
13	9-406587	1	• PLUG
14	9-408324	1	• O RING
15	9-406847	1	• SNAP RING
16	9-196714	1	• GEAR, Impeller hub
17	9-406855	2	• SNAP RING
18	9-406831	1	• WASHER
19	9-406593	1	• BEARING
20	9-196718	1	• RING-OIL DISTRIBUTOR
21	9-196742	1	• ASSEMBLY, Charge pump
22	9-196743	1	• ASSEMBLY, Hydraulic spin filter
23	9-196744	1	• ASSEMBLY, Ball check valve
24	9-196745	1	• • BALL
25	9-196746	1	• • SPRING, Check valve
26	9-196747	1	• • PIN, Check valve
27	9-406923	1	• • O RING
28	9-406854	2	• GASKET, Pump & adaptor
29	9-196749	4	• SCREW
30	9-196750	1	• STUD
31	9-196751	5	• WASHER, Lock
32	9-196752	1	• STUD
33	9-196671	1	• WASHER, Lock
34	9-196753	1	• NUT
35	9-196754	1	• NUT
36	9-196755	1	• ADAPTOR
37	9-196756	1	• ASSEMBLY, Regulator valve
38	9-407604	1	• • SLEEVE
39	9-196758	1	• • PISTON
40	9-196759	1	• • SPRING
41	9-196760	1	• • PIN
42	9-196761	2	• CAPSCREW (Not Shown)

3.8 Transmission - Forward & Reverse Group



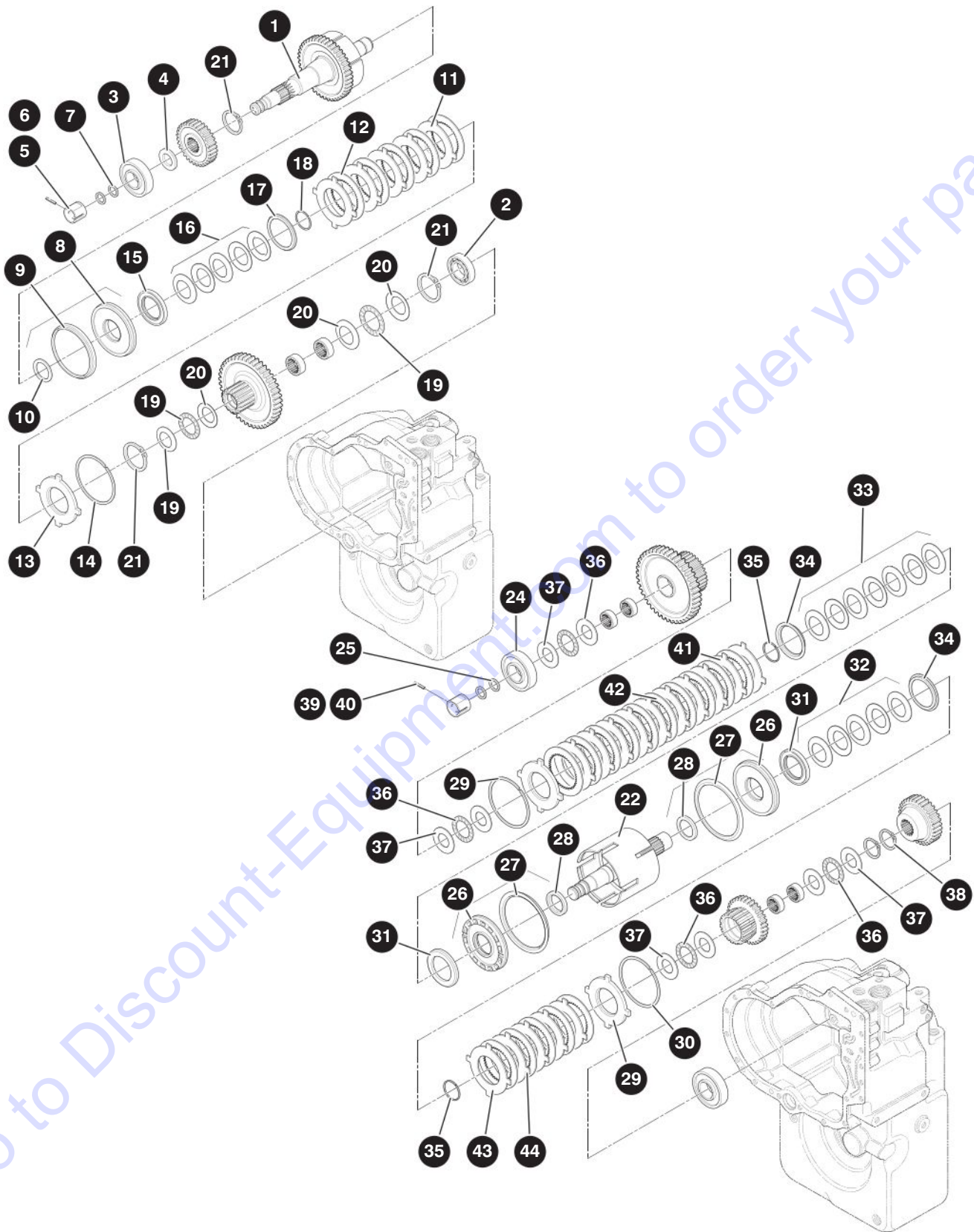
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3.8 Transmission - Forward & Reverse Group

Index No.	Skyjack Part No.	Qty.	Description
1	9-196733	1	• GEAR, Pump drive idler
2	9-406645	1	• BEARING
3	9-196735	1	• GEAR, Pump drive
4	9-196736	2	• WASHER
5	9-196737	1	• ASSEMBLY, Pump drive shaft & pin
6	9-196738	1	• • PIN, ROLL
7	9-196739	1	• BEARING, Pump drive gear
8	9-196740	1	• BEARING, Pump drive gear
9	9-196763	1	• SHAFT-IDLER & PILOT
10	9-196764	1	• SNAP RING
11	9-406649	1	• BEARING
12	9-196766	1	• WASHER
13	9-196767	1	• PLATE
14	9-196768	1	• CAPSCREW
15	9-196769	1	• WASHER
16	9-196770	1	• ROLL PIN
17	9-196772	1	• ASSEMBLY, Turbine shaft, drum & plug
18	9-196773	1	• SLEEVE, Oil distributor
19	9-196774	1	• SCREW
20	9-406644	3	• RING
21	9-196776	2	• ASSEMBLY, Piston and seals
22	9-406826	2	• • SEAL
23	9-406822	2	• • SEAL
24	9-406837	2	• PLATE
25	9-406824	2	• SNAP RING
26	9-406834	2	• PLATE
27	9-406880	2	• ASSEMBLY, Disc spring (include 5 washers)
28	9-406850	2	• SNAP RING, Retainer
29	9-406835	2	• SNAP RING, Retainer
30	9-406829	12	• DISC, OUTER
31	9-406830	12	• DISC, INNER
32	9-406832	4	• BEARING
33	9-406833	8	• WASHER
34	9-406838	1	• BEARING

3.9 Transmission - 1st, 2nd & 3rd Shaft



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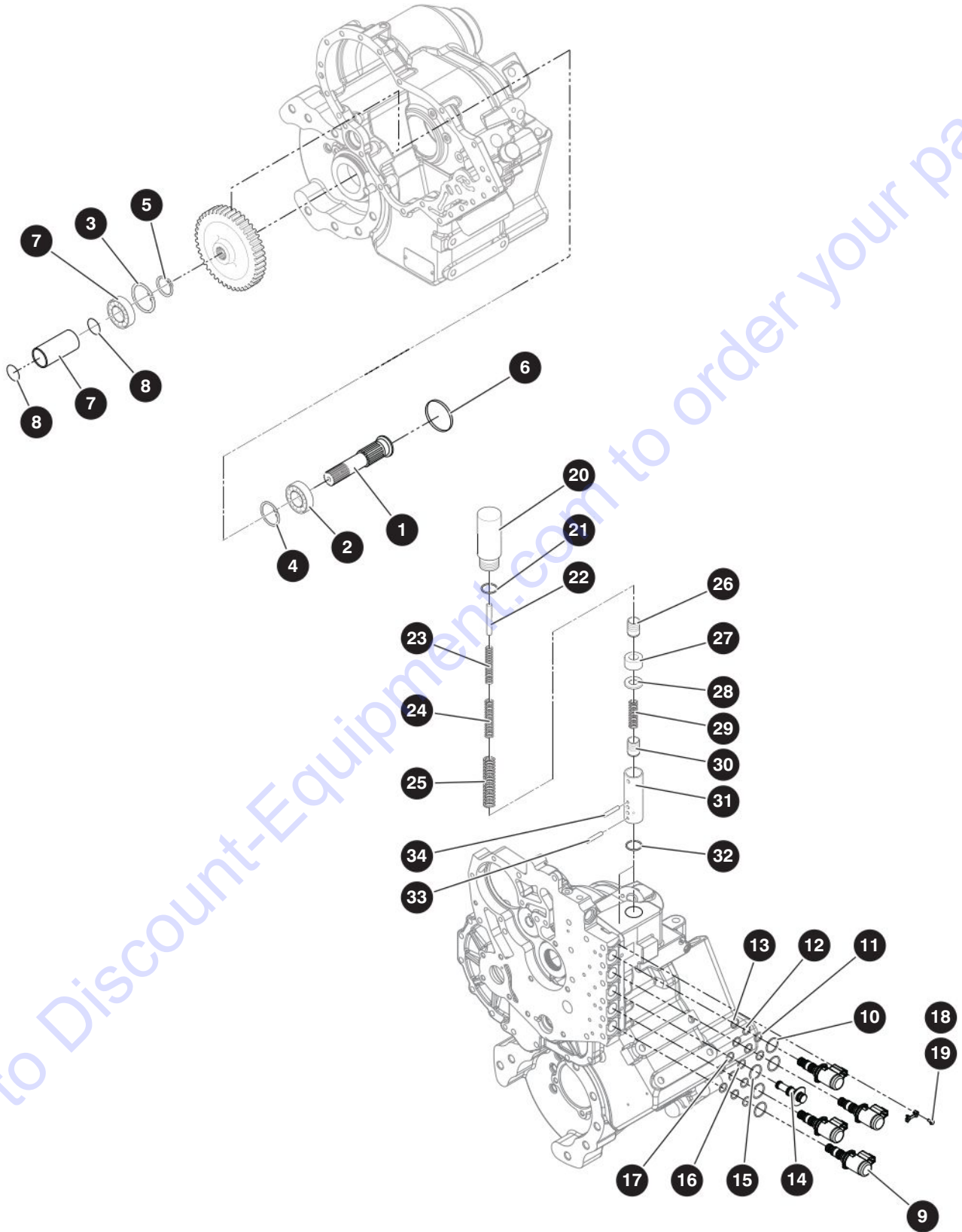
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3.9 Transmission - 1st, 2nd & 3rd Shaft

Index No.	Skyjack Part No.	Qty.	Description
1	9-196791	1	• ASSEMBLY, 3rd shaft, drum and plug
2	9-407673	1	• BEARING
3	9-407655	1	• ASSEMBLY, Bearing & seal
4	9-196794	1	• WASHER
5	9-196795	1	• SLEEVE
6	9-196796	1	• SCREW
7	9-406644	2	• RING
8	9-196797	1	• ASSEMBLY, Clutch piston & seals
9	9-406826	1	• • SEAL
10	9-406822	1	• • SEAL
11	9-406829	5	• DISC-OUTER
12	9-406830	5	• DISC-INNER
13	9-406837	1	• PLATE
14	9-406824	1	• SNAP RING
15	9-406834	1	• PLATE
16	9-406880	1	• ASSEMBLY, Disc spring
17	9-406850	1	• SNAP RING, Retainer
18	9-406835	1	• SNAP RING, Retainer
19	9-196798	2	• BEARING
20	9-196799	4	• WASHER
21	9-196800	3	• SNAP RING, External
22	9-196802	1	• ASSEMBLY, 1st and 2nd shaft, drum, plug and seat
23	9-406857	1	• BEARING
24	9-407655	1	• ASSEMBLY, Bearing & seal
25	9-406644	2	• RING
26	9-196804	2	• ASSEMBLY, Piston & seals
27	9-406826	2	• • SEAL
28	9-406822	2	• • SEAL
29	9-406837	2	• PLATE
30	9-406824	2	• SNAP RING
31	9-406834	2	• PLATE
32	9-406880	1	• ASSEMBLY, Disc spring 2nd-(include 5 washers)
33	9-196805	1	• ASSEMBLY, Disc spring 1st-(include 7 washers)
34	9-406850	2	• RETAINER, Snap ring
35	9-406835	2	• SNAP RING, Retainer
36	9-406832	4	• BEARING
37	9-406833	8	• WASHER
38	9-196806	2	• SNAP RING
39	9-196807	1	• SLEEVE
40	9-196796	1	• SCREW
41	9-406829	10	• DISC, Outer 1st
42	9-406830	10	• DISC, Inner 1st
43	9-406829	5	• DISC, Outer 2nd
44	9-406830	5	• DISC, Inner 2nd

3.10 Transmission - Output Shaft & Control Group



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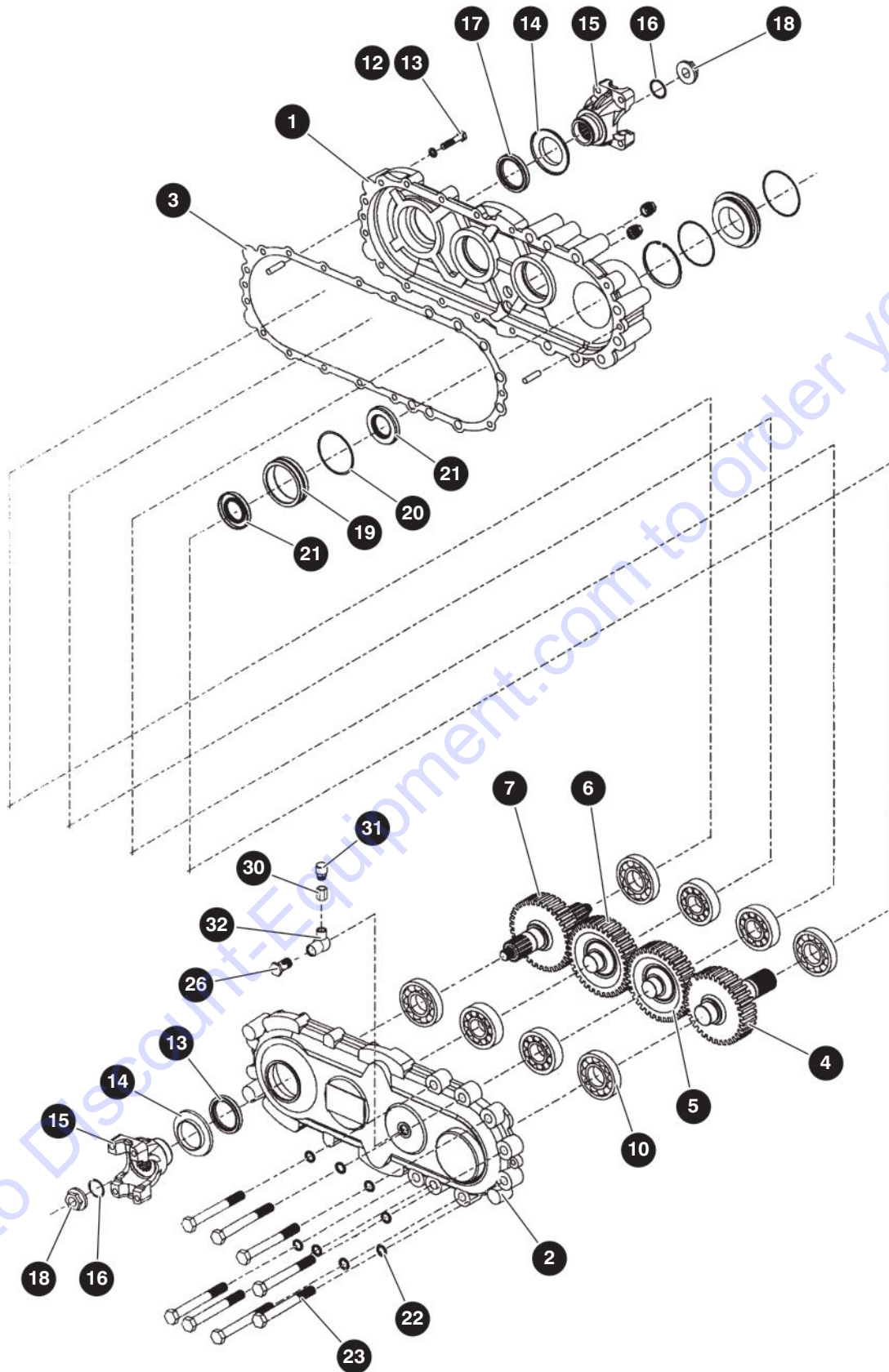
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3.10 Transmission - Output Shaft & Control Group

Index No.	Skyjack Part No.	Qty.	Description
1	9-196809	1	• SHAFT, Output
2	9-406614	1	• BALL BEARING 210S
3	9-196811	1	• BEARING
4	9-408754	2	• RING, Snap
5	9-408020	1	• SNAP RING
6	9-196812	1	• PLUG-END
7	9-196813	1	• COUPLING, Drive
8	9-196800	2	• SNAP RING, External
9	9-407683	4	• SOLENOID, Drop in w/ deutsch connector 12V
10	9-196842	4	• • O-RING, 21.5x1.5 mm viton-
11	9-196843	4	• • O-RING, 15.1x1.60 mm viton
12	9-196844	4	• • O-RING, 14.1x1.60 mm viton
13	9-196845	4	• • O-RING, 12.1x1.60 mm viton
14	9-196846	1	• PLUG, Solenoid bore
15	9-196847	1	• • O-RING, 18.0x 2.20 mm viton
16	9-196843	1	• • O-RING, 15.1x1.60 mm viton
17	9-196845	1	• • O-RING, 12.1x1.60 mm viton
18	9-196848	6	• CLAMP
19	9-196849	12	• SCREW, With integrated washer (M4X10 class 10.9)
20	9-196851	1	• HOUSING, Modulation valve
21	9-196852	1	• O-RING
22	9-196853	1	• PIN-STOP
23	9-196854	1	• SPRING, Inner
24	9-196855	1	• SPRING, Middle
25	9-196856	1	• SPRING, Outer
26	9-196857	1	• SPOOL, Accumulator
27	9-196858	1	• RETAINER, Spring
28	9-196859	1	• SPACER, Spring
29	9-196860	1	• SPRING, Modulation valve
30	9-196861	1	• SPOOL, Regulator
31	9-196862	1	• SLEEVE, Modulation valve
32	9-408318	1	• O-RING, Sleeve
33	9-196863	1	• PIN, Lower
34	9-196864	1	• PIN, Upper

3.11 Transmission - Drop Box



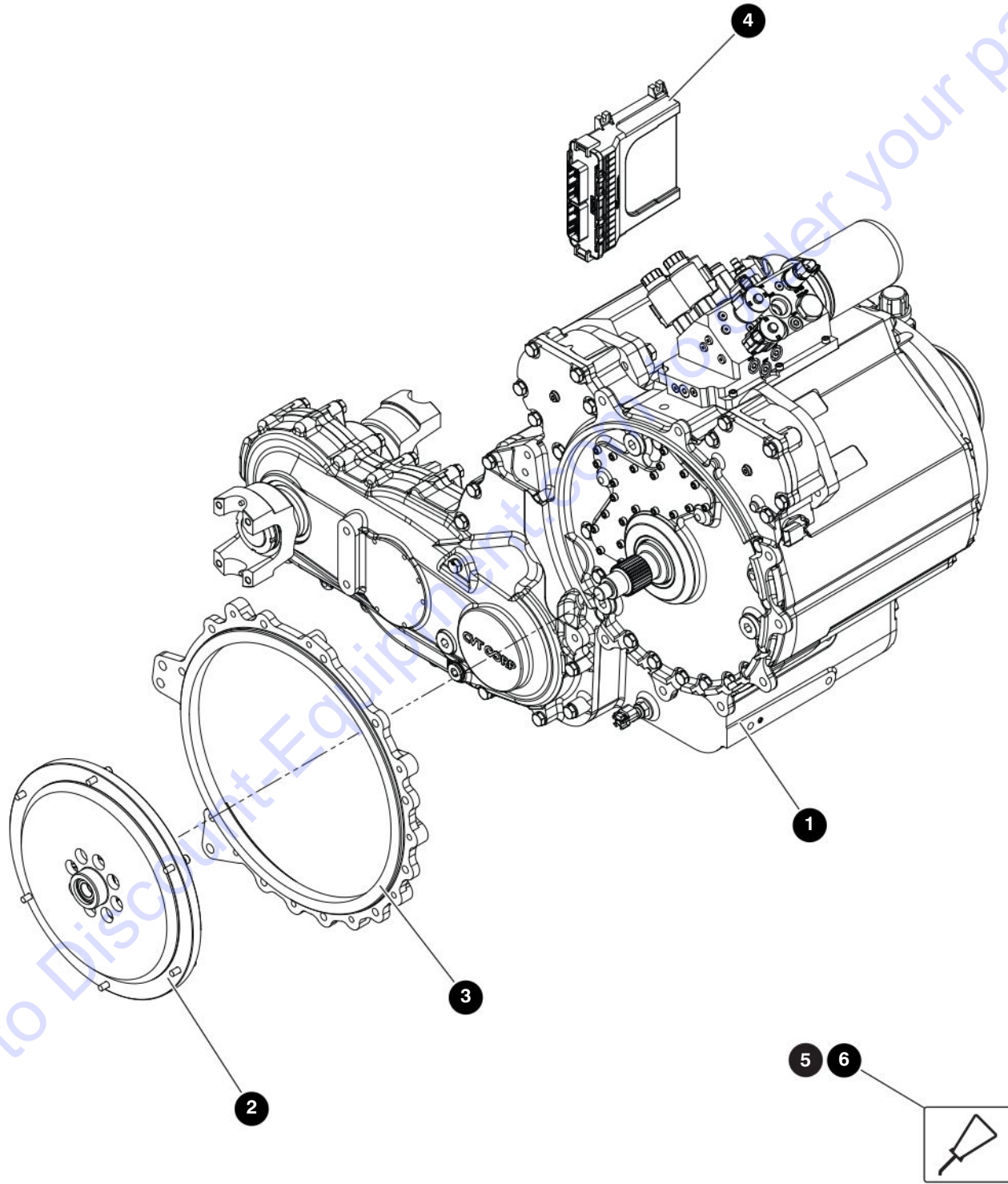
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3.11 Transmission - Drop Box

Index No.	Skyjack Part No.	Qty.	Description
1	9-196815	1	• COVER, Rear
2	9-196816	1	• COVER, Front
3	9-196817	1	• GASKET
4	9-196818	1	• SHAFT, Input dropbox 34t
5	9-196819	1	• GEAR, Idler 35t
6	9-196820	1	• GEAR, Idler 36t
7	9-196821	1	• SHAFT, Output dropbox 34t
8	9-196822	2	• BEARING
9	9-196823	2	• REAR BEARING
10	9-196824	4	• BEARING, Roller
11	9-196681	2	• PIN-ROLL
12	9-196691	13	• CAPSCREW
13	9-196671	13	• WASHER, Lock
14	9-407637	2	• OIL SEAL
15	9-196826	2	• FLANGE, Yoke 1480 without brake
16	9-406932	2	• O-RING
17	9-406685	2	• WASHER
18	9-406508	2	• NUT, Idler shaft
19	9-196829	1	• SLEEVE, Oil seal
20	9-408326	1	• O-RING
21	9-196830	2	• SEAL OIL
22	9-196831	8	• WASHER, Lock
23	9-196832	8	• SCREW, M16
24	9-407632	1	• PLUG, Magnetic drain
25	9-196834	1	• OIL LEVEL GLASS
26	9-196835	1	• PLUG
27	9-196836	1	• SLEEVE PILOT
28	9-196837	2	• O-RING
29	9-408754	1	• RING, Snap
30	9-196838	1	• ADAPTER
31	9-169159	1	• BREATHER
32	9-196839	1	• FITTING, Elbow 90° street

3.12 Continuously Variable Transmission (CVT) Assembly



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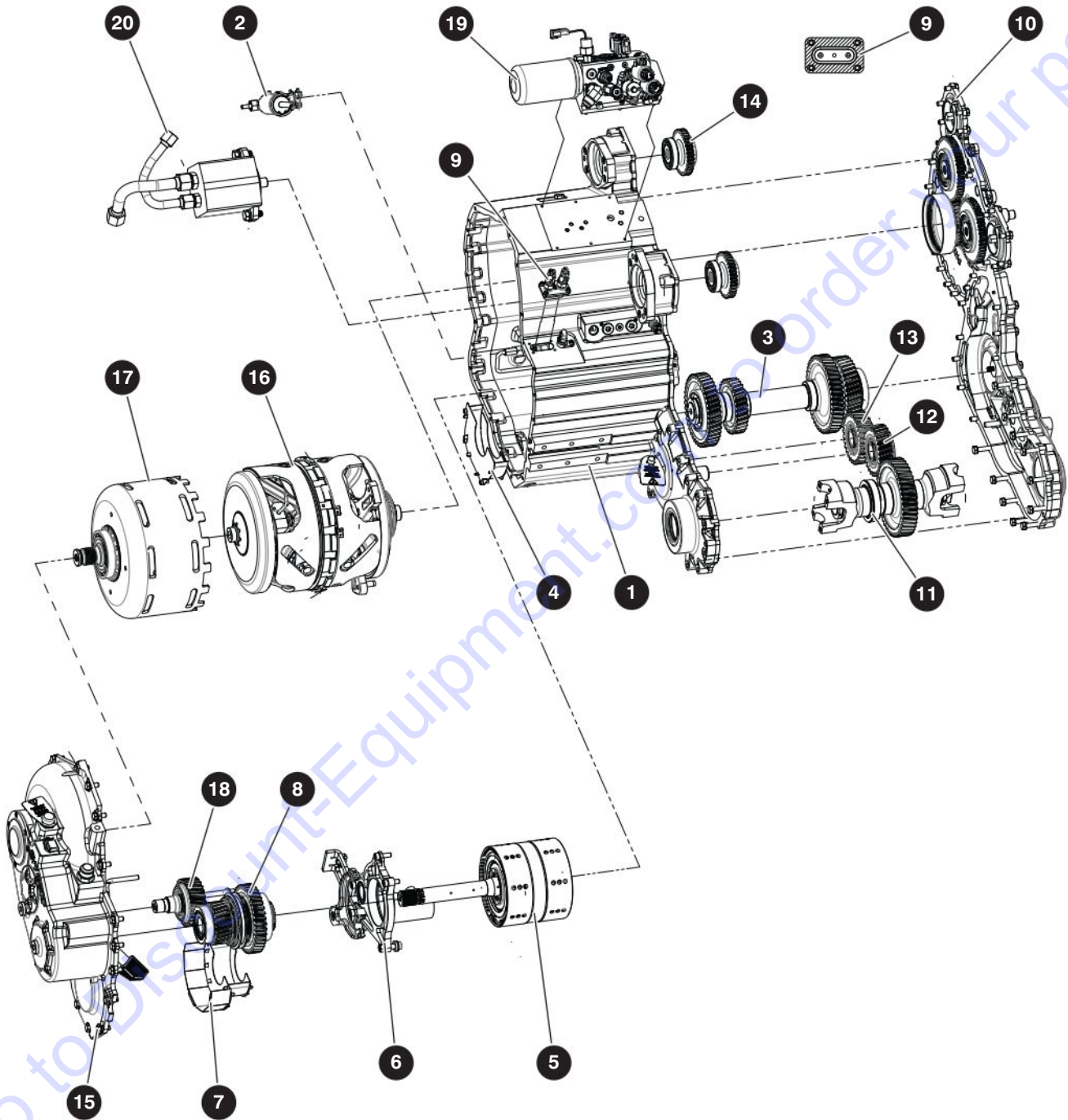
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3.12 Continuously Variable Transmission (CVT) Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-216578	1	CVT PURCHASED ASM
1	9-216566	1	• TRANSMISSION ASSY, CVT-P15-0000-B
2	9-216574	1	• DAMPER PLATE ASM, CVT
3	9-216572	1	• ENGINE MOUNT ADAPTER PLATE SAE3, CVT
4	9-216579	1	• TCU ASM, CVT
5	9-222842		OIL, Traction 5 Gallons
6	9-222843		OIL, Traction 1 Gallon

3.13 CVT Transmission



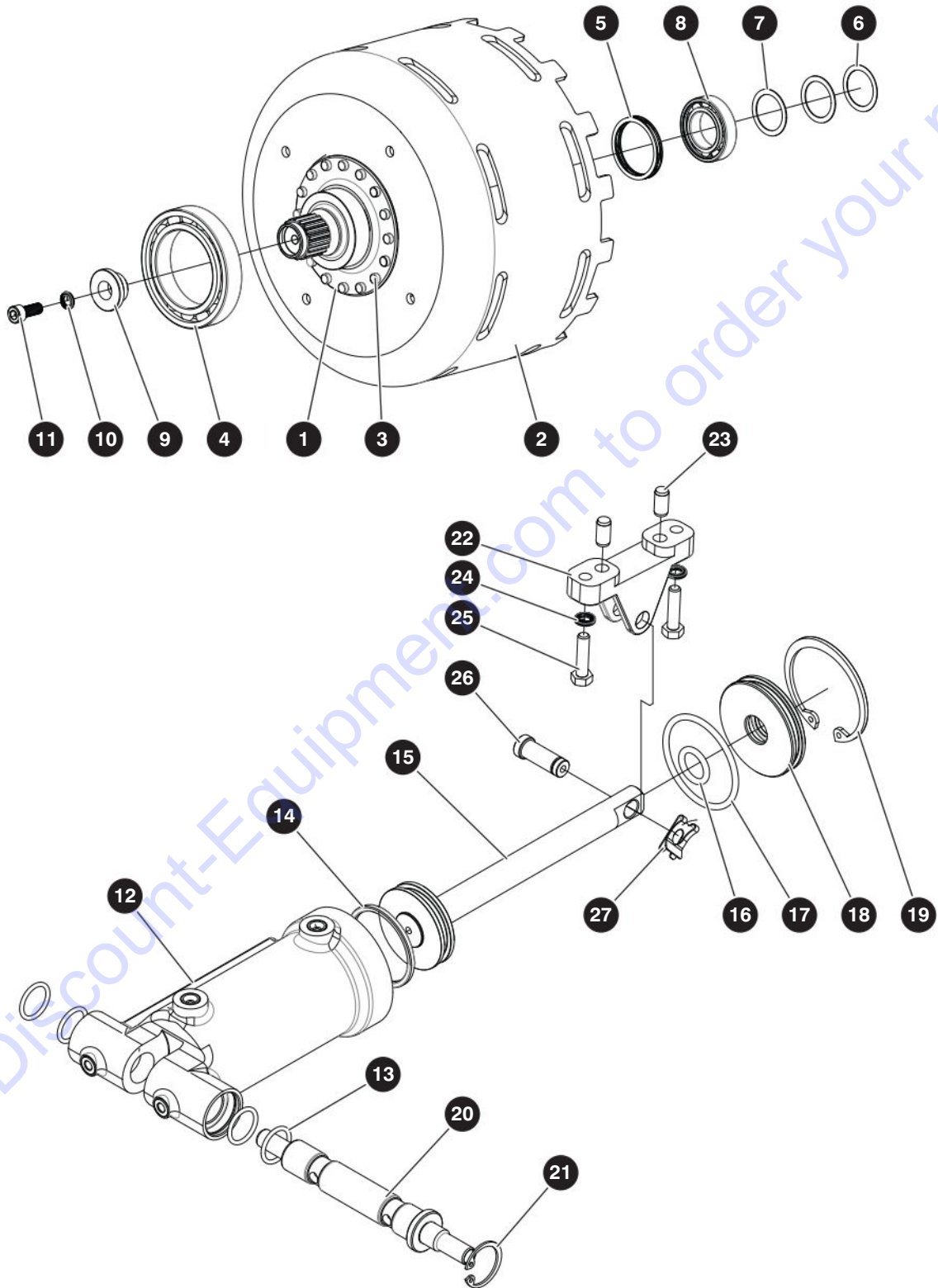
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3.13 CVT Transmission

Index No.	Skyjack Part No.	Qty.	Description
-	9-216566	1	TRANSMISSION, CVT
1	9-222767	1	• Middle Casing ASM
2	9-222697	1	• CTRL System ASM
3	9-222723	1	• SHAFT 5 ASM
4	9-222777	1	• GEAR BAFFLE FRONT ASM
5	9-222704	1	• CLUTCH ASM
6	9-222816	1	• CYLINDER SYNCHRO ASM
7	9-222781	1	• GEAR BAFFLE BACK ASM
8	9-222751	1	• R1/H1 SHAFT DC ASM
9	9-222830	1	• LIMIT SWITCH ASM
10	9-222769	1	• Front Casing ASM
11	9-222740	1	• E3 SHAFT ASM
12	9-222737	1	• E2b Gear ASM
13	9-222736	1	• E2a Gear ASM
14	9-222752	2	• P3 GEAR ASM
15	9-222776	1	• Rear Casing ASM
16	9-222687	1	• P15 Cartridge ASM
17	9-222690	1	• OUTPUT ASM
18	9-222732	1	• R2 REV idler shaft
19	9-222813	1	• BLOCK MANIFOLD ASM
20	9-222827	1	• Pump Unit ASM

3.14 CVT Output Drum and Shaft & Control System

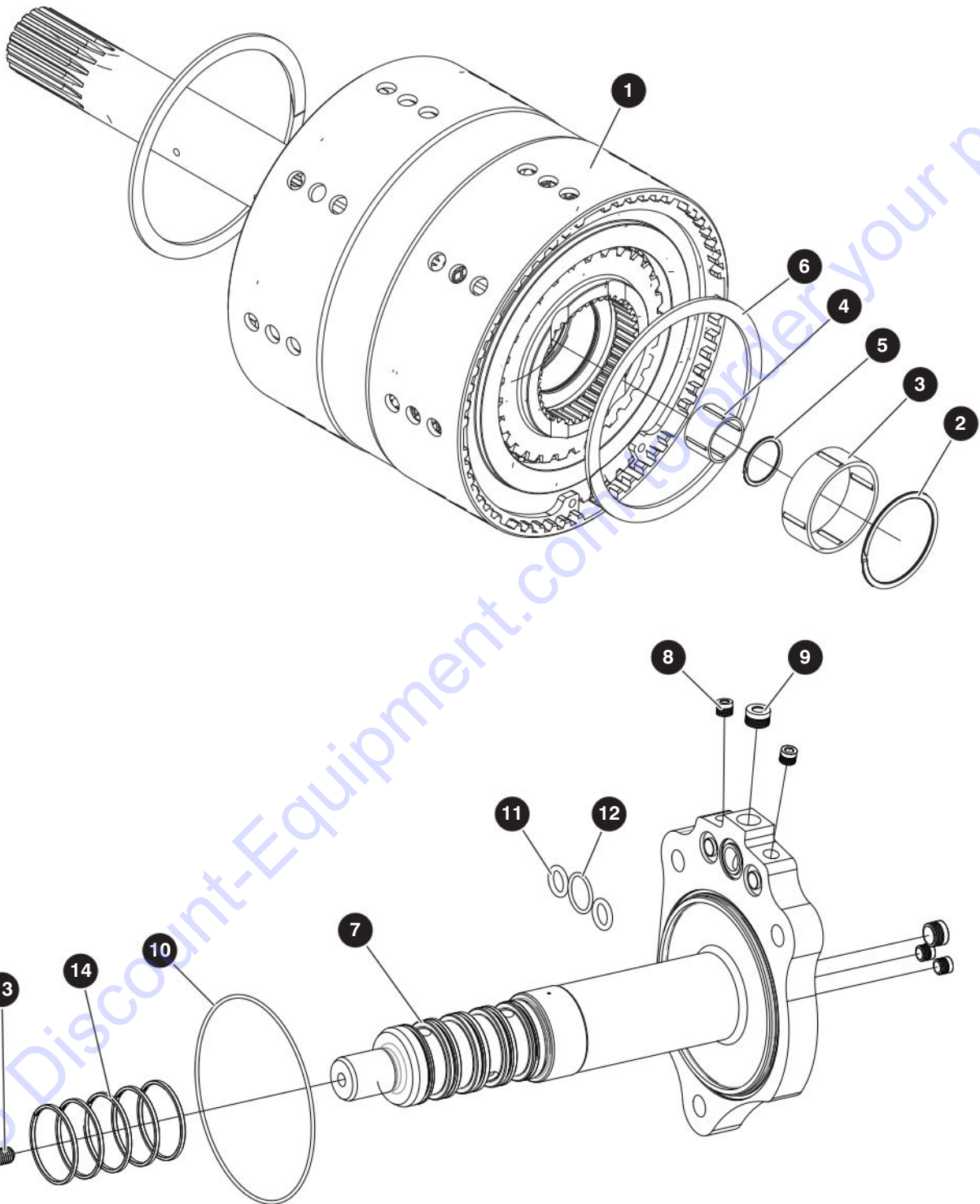


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3.14 CVT Output Drum and Shaft & Control System

Index No.	Skyjack Part No.	Qty.	Description
-	9-222838	1	OUTPUT ASSEMBLY
1	9-222691	1	• SHAFT, Output
2	9-222692	1	• DRUM, Output
3	9-222677	16	• "Rivet Solid - 0.250" x 0.750" (97386A347)"
4	9-222573	1	• Ball Bearing 6015
5	9-222546	1	• Wave spring (with flat ends)
6	9-222563	1	• Shim Din988 35x45x0.5
7	9-222552	2	• Shim Din988 35x45x1
8	9-222569	1	• "Bearing Ball, 35 mm x 62 mm x 14 mm 6007 C3"
9	9-222694	1	• Drum Holder
10	9-222547	1	• "WEDGE LOCK WASHER 0.650" x 0.410" x 0.100" ZC-PL"
11	9-222695	1	• SHCS M10x1.5x25 with thru hole
-	9-222697	1	CONTROL SYSTEM
12	9-222703	1	• Cylinder ASM
13	9-222596	4	• O-RING AS568 #11
14	9-222616	1	• "O-ring Quad ring 1.312 X 1.500 X 0.103" x 0.103"
15	9-222702	1	• Piston Rod
16	9-222595	1	• O-RING AS568 Dash #112 Nitrile
17	9-222597	1	• O-Ring - AS568 Dash #129
18	9-222700	1	• SEAL CAP CTRL SYST
19	9-222660	1	• Retaining Ring INT - 45 mm
20	9-222699	1	• SHAFT MANIFOLD CTRL SYSTEM
21	9-222661	1	• "Retaining ring int 20mm bore (D1300-0200-A)"
22	9-222698	1	• CONNECTION PLATE
23	9-222653	2	• Pin Dowel M6 X 12mm
24	9-222549	2	• "WEDGE LOCK WASHER - 0.350" x 0.210" x 0.070" ZC-PL"
25	9-222531	2	• M5 x 0.8 x 20 (Class 8.8) ZC-PL
26	9-222701	1	• PIN CTRL SYSTEM
27	9-222676	1	• Metric External Clip - 8mm

3.15 CVT Clutch



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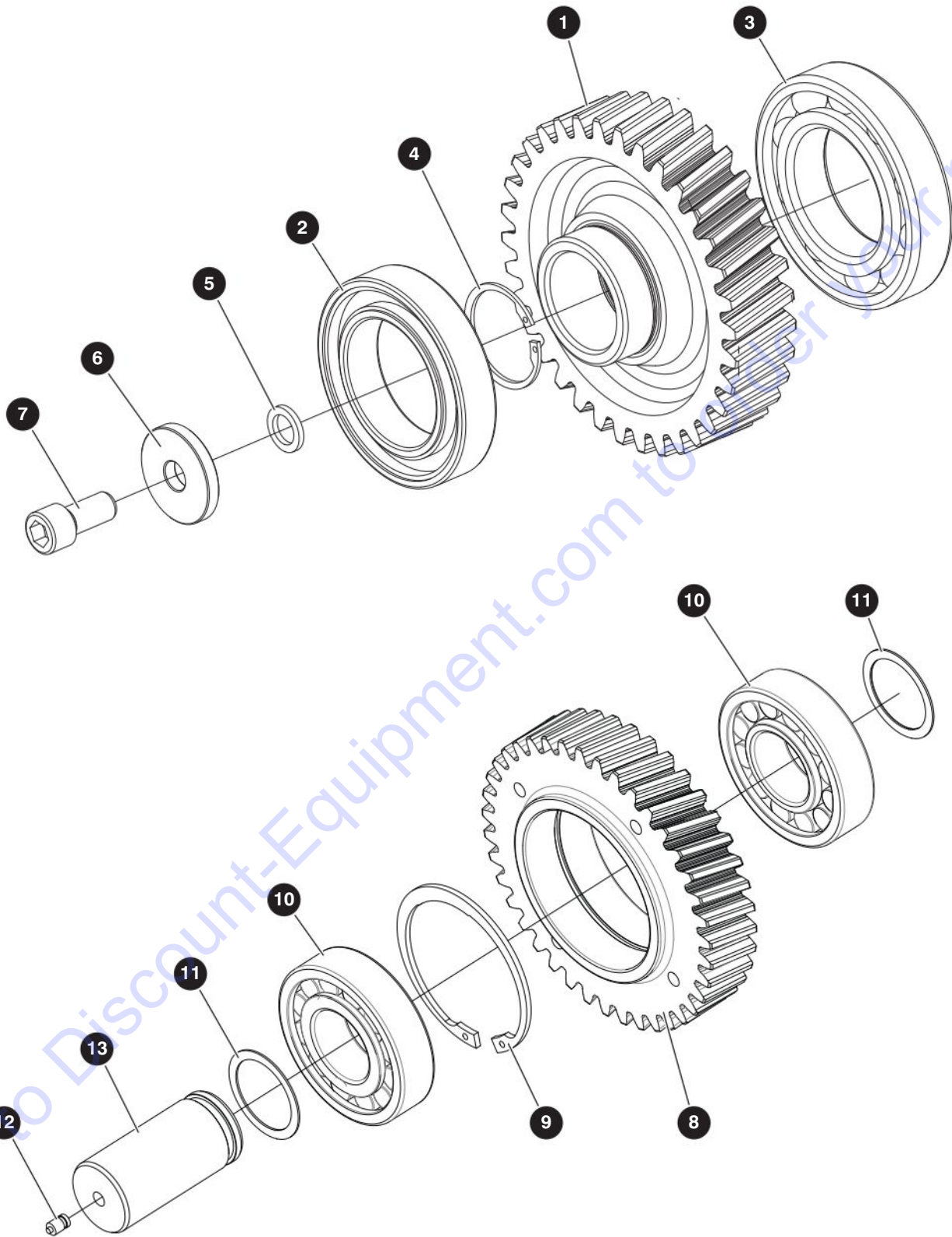
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3.15 CVT Clutch

Index No.	Skyjack Part No.	Qty.	Description
-	9-222704	1	CLUTCH
1	9-222628	1	• JMFT - CLUTCH
2	9-222671	1	• Snap Ring Int EH-52mm
3	9-222581	1	• Needle Bearing K45x52x18H
4	9-222582	1	• Needle Bearing K22x26x17
5	9-222669	1	• Snap Ring Int 26mm
6	9-222508	2	• SEAL RING
-	9-222705	1	CLUTCH MANIFOLD
7	9-222706	1	• Clutch Manifold Beam
8	9-222678	4	• Rivet Plug LK series 8mm KVT LK 950-080
9	9-222679	2	• Rivet Plug LK series 12mm (KVT LK 950-120)
10	9-222592	1	• O-RING 4.000 X 4.125 X 0.0625 (#045)
11	9-222591	2	• O-RING AS568 #111
12	9-222606	1	• O-RING AS568 #017
13	9-222707	1	• SET SCREW MODIFICATION
14	9-222626	5	• PISTON-RING_40.0X2.0X1.45.1

3.16 CVT G2 & G3 Gears Assembly

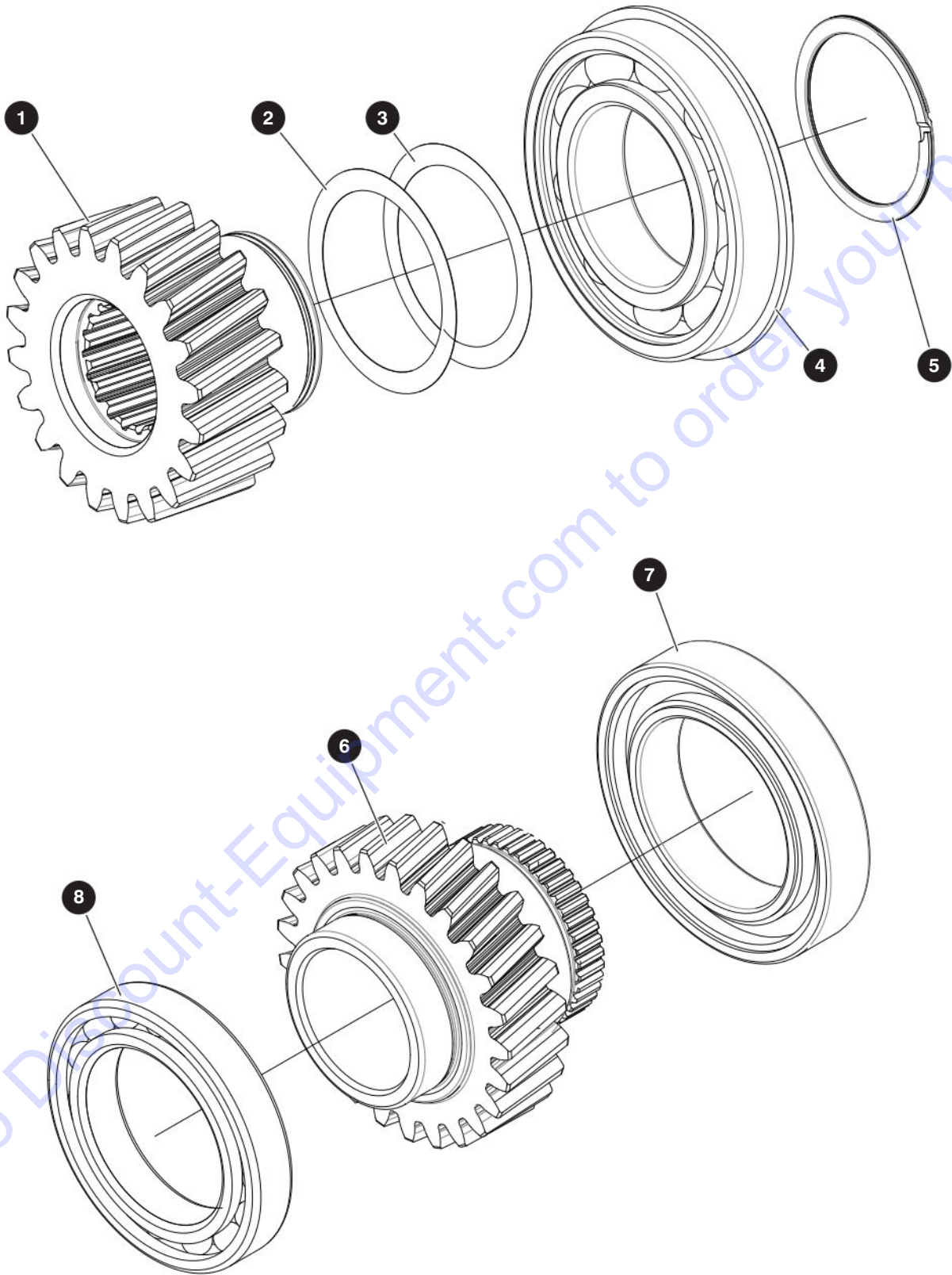


M222708AA_M222709AA

3.16 CVT G2 & G3 Gears Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222708	1	G3 GEAR ASSEMBLY
1	9-222714	1	• G3 Gear
2	9-222572	1	• Bearing 6011
3	9-222575	1	• Bearing 6211
4	9-222664	1	• Retaining ring J42
5	9-222550	1	• Wedge lock washer
6	9-222717	1	• Washer D041xD010xL6
7	9-222718	1	• SHCS M12 x 1.75 x 25 8.8 with hole
-	9-222709	1	G2 GEAR ASSEMBLY
8	9-222710	1	• G2 Gear
9	9-222665	1	• Retaining ring J90
10	9-222587	2	• Roller Bearing NJ 308
11	9-222555	2	• Shim Din998 40x50x1
12	9-222681	1	• Expander_7mm
13	9-222711	1	• G2 GEAR STUD

3.17 CVT G1 & L1 Gears Assembly

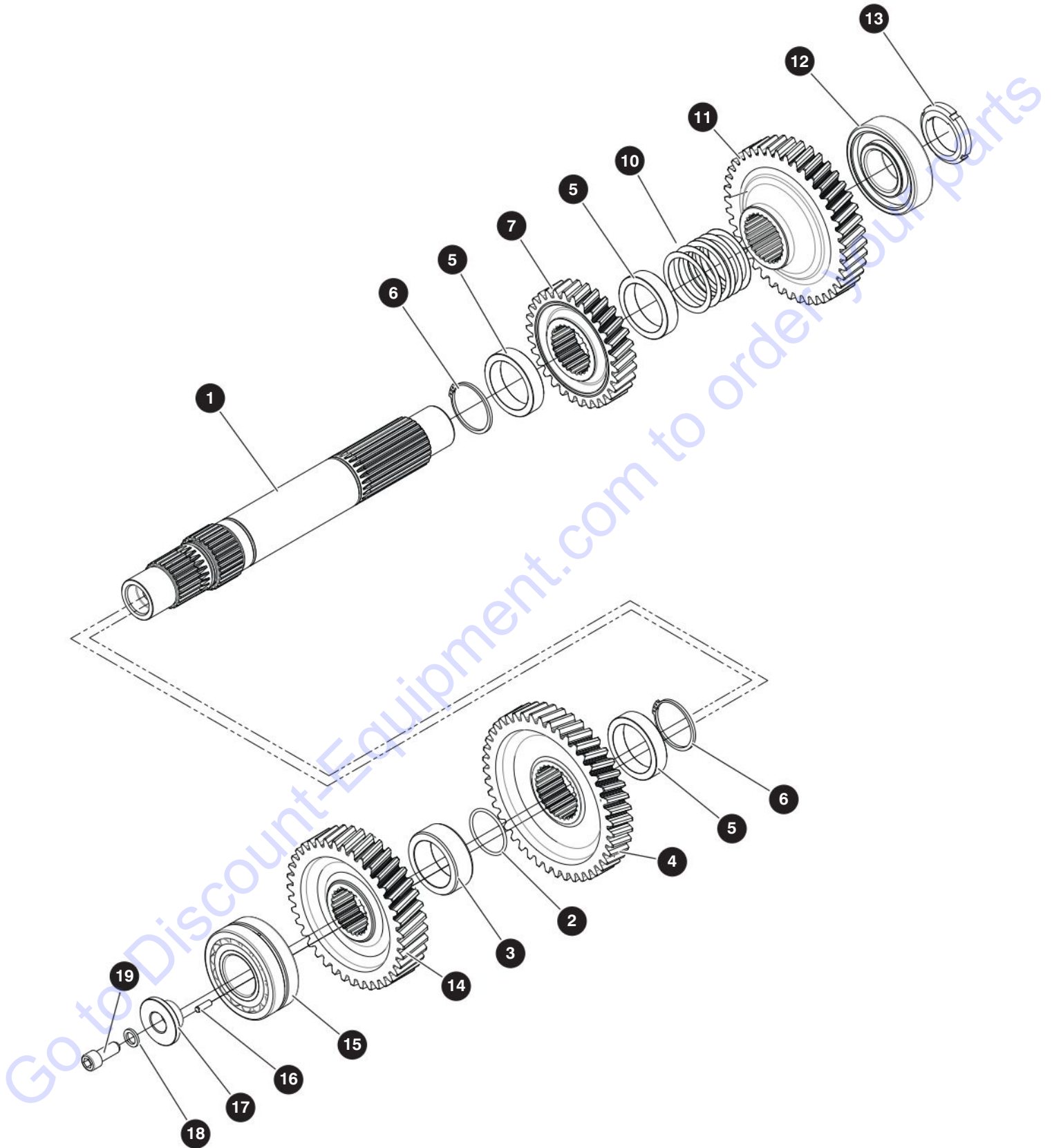


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3.17 CVT G1 & L1 Gears Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222712	1	G1 GEAR ASSEMBLY
1	9-222693	1	• G1 Gear
2	9-222553	1	• Shim 55mm x 68mm x 0.2mm
3	9-222554	1	• Shim 55mm x 66mm x 0.1mm
4	9-222576	1	• "Ball bearing 6211 NR (Grooved and circlip)"
5	9-222670	1	• Retain. Ring A55
-	9-222713	1	L1 GEAR ASSEMBLY
6	9-222716	1	• L1 Gear
7	9-222568	1	• Bearing Ball - 6014-2z
8	9-222578	1	• Bearing Ball

3.18 CVT Shaft 5 Assembly

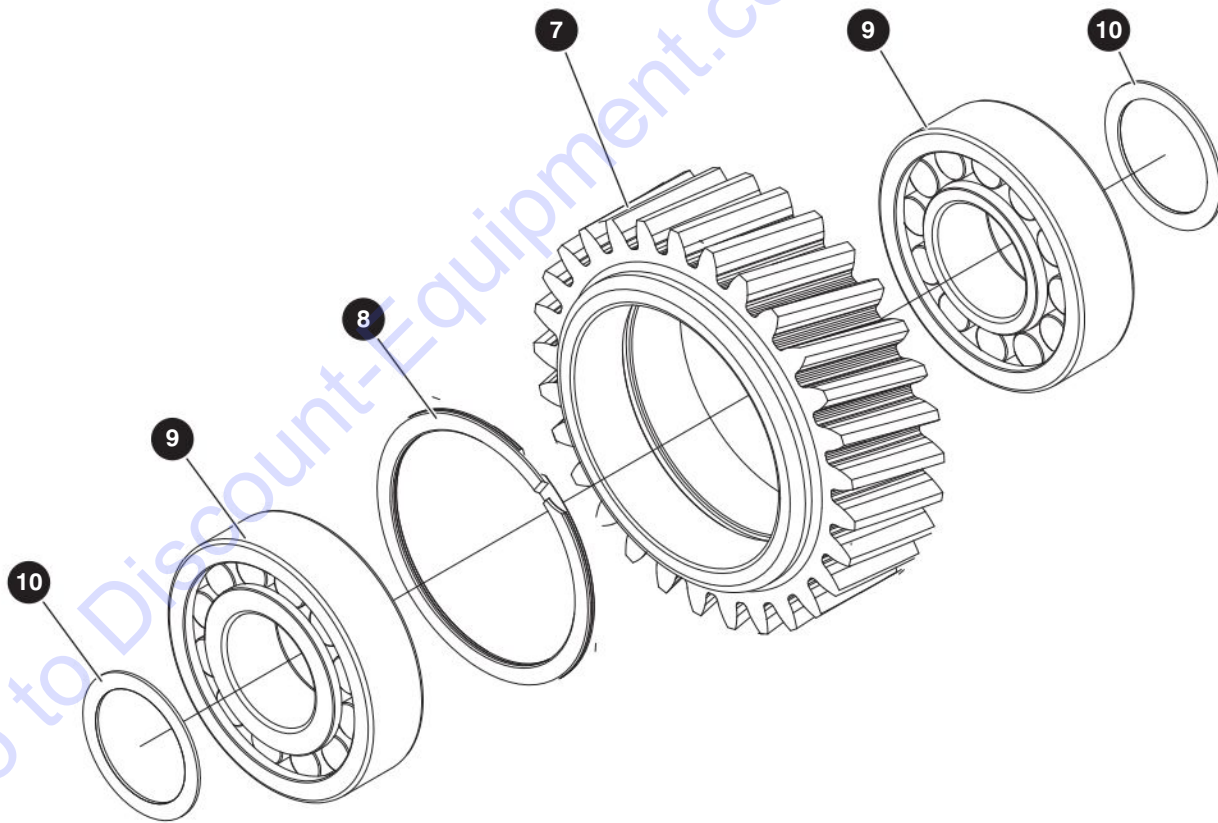
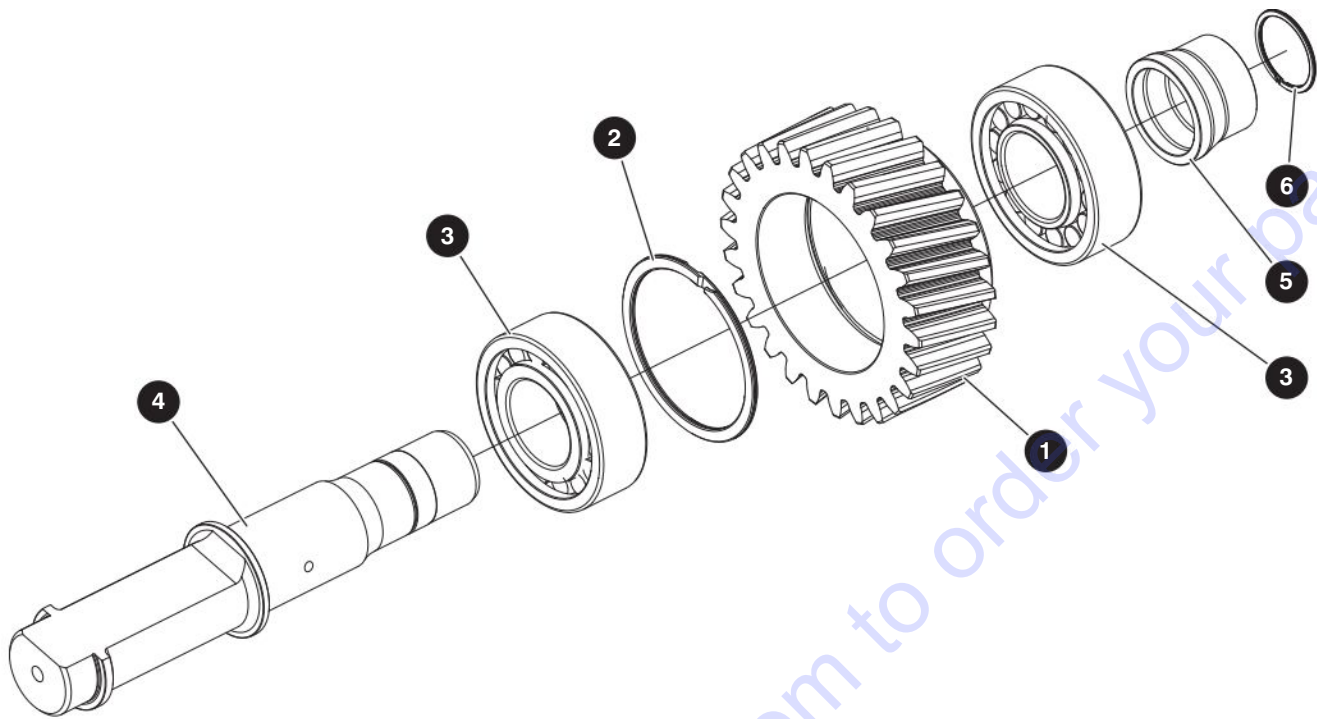


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3.18 CVT Shaft 5 Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222723	1	SHAFT 5 ASSEMBLY
1	9-222724	1	• Intermediate shaft
2	9-222619	1	• O-Ring 46x3 NBR-70
3	9-222730	1	• SEAL SLEEVE
4	9-222725	1	• L2 Gear
5	9-222726	3	• BUSHING
6	9-222658	2	• Retaining ring A55
7	9-222727	1	• H2 Gear
8	9-222553	2	• Shim 55x66x0.2
9	9-222554	1	• Shim 55x66x0.2
10	9-222556	3	• SHIM_DIN988_55X68X0.5_ST
11	9-222728	1	• R3 GEAR
12	9-222570	1	• Bearing Ball 46 mm x 100 mm x 25 mm
13	9-222565	1	• Lock Nut KM9
14	9-222729	1	• E1 Gear
15	9-222589	1	• Cyl Roller bearing 22309E
16	9-222654	1	• Pin Dowel - M6 X 20MM
17	9-222731	1	• LOCKING FLANGE
18	9-222550	1	• Wedge lock washer
19	9-222526	1	• SHCS M12x30 12.9

3.19 CVT R2 Reverse Idler Shaft & E2A Gear Assembly

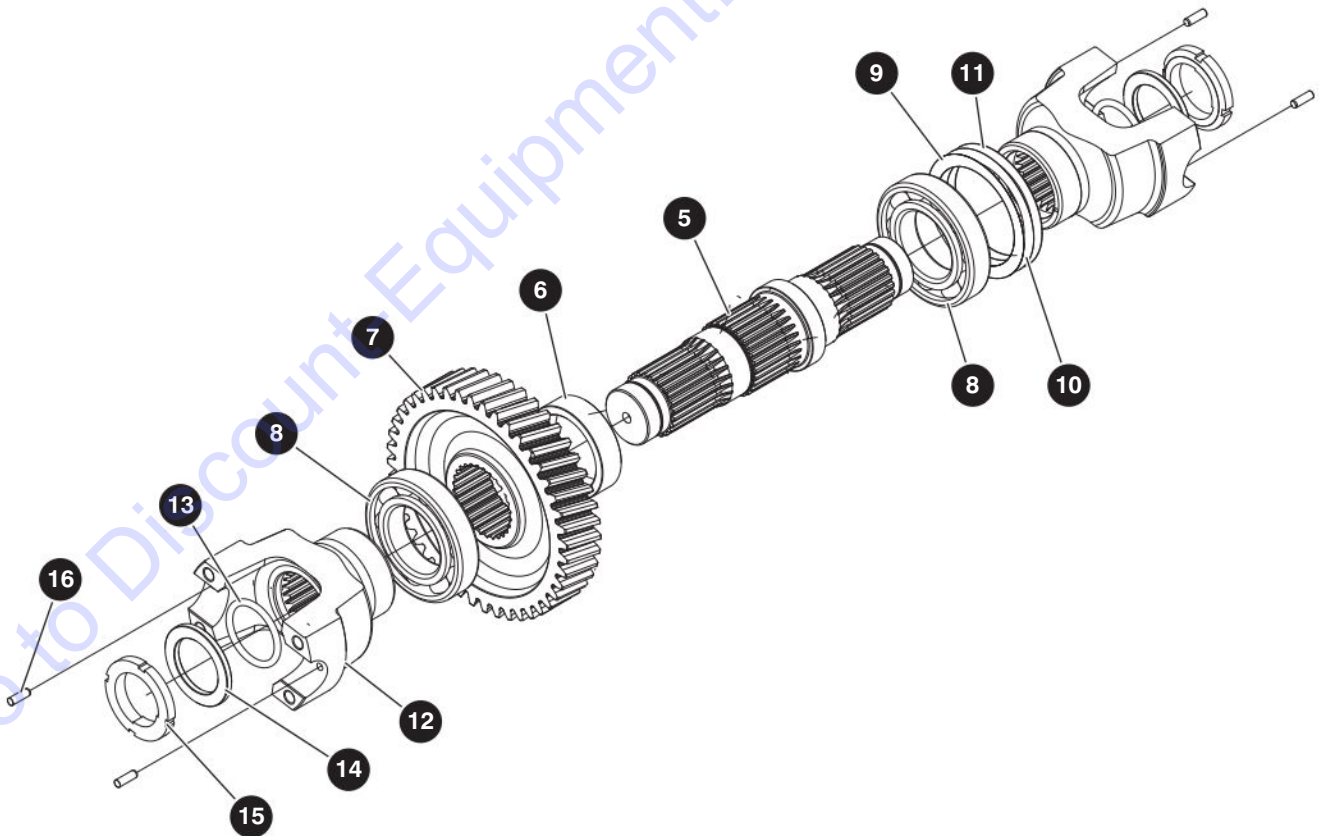
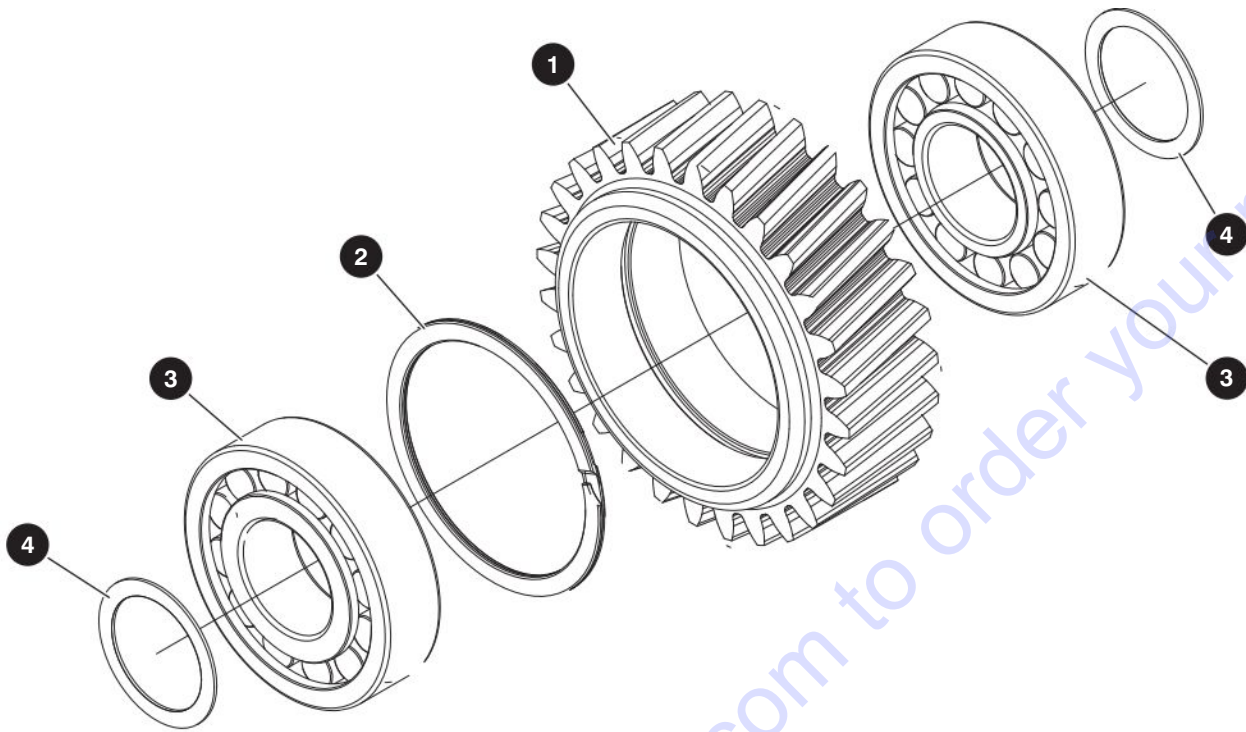


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3.19 CVT R2 Reverse Idler Shaft & E2A Gear Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222732	1	R2 REVERSE IDLER SHAFT
1	9-222733	1	• R2 REVERSE GEAR
2	9-222673	1	• Retaining ring Spiral 72mm
3	9-222588	2	• "Bearing cylindrical roller (NJ 2207-TVP2-C3)"
4	9-222734	1	• R2 Gear Idler Shaft
5	9-222735	1	• R2 GEAR SLEEVE SPACER
6	9-222667	1	• Ext. Spiral Snap Ring 30 mm
-	9-222736	1	E2A GEAR ASSEMBLY
7	9-222738	1	• E2a Gear RH
8	9-222672	1	• Retaining Ring Spiral (INT) 80mm
9	9-222586	2	• Bearing Cylindrical Roller 35mm x 80mm x 21
10	9-222552	2	• Shim Din988 35x45x1

3.20 CVT EB2 Gear & E3 Shaft Assemblies

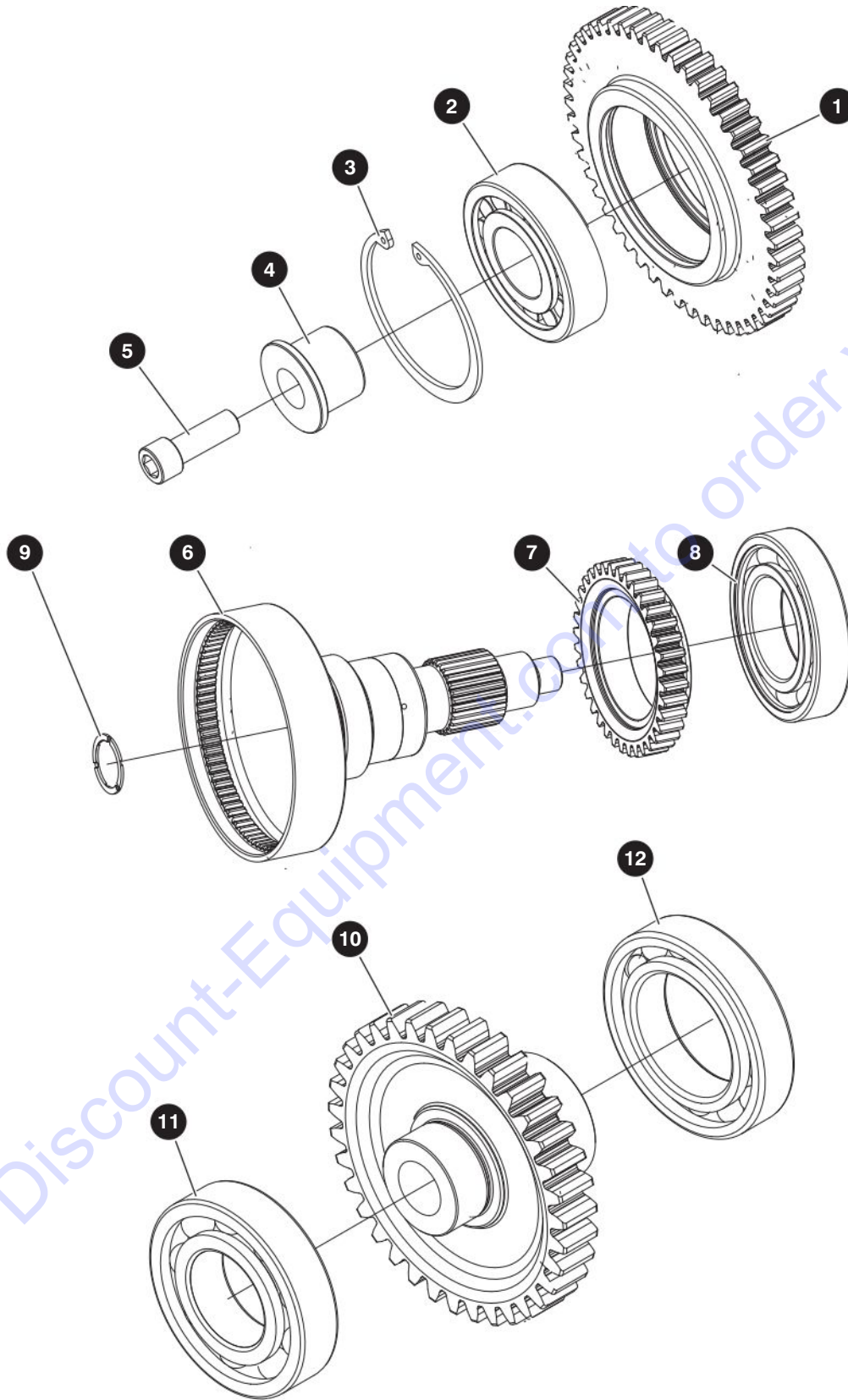


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3.20 CVT EB2 Gear & E3 Shaft Assemblies

Index No.	Skyjack Part No.	Qty.	Description
-	9-222737	1	EB2 GEAR ASSEMBLY
1	9-222739	1	• E2b Gear LH
2	9-222672	1	• Retaining Ring Spiral (INT) 80mm
3	9-222586	2	• Bearing Cylindrical Roller 35mm x 80mm x 21
4	9-222552	2	• Shim Din988 35x45x1
-	9-222740	1	E3 SHAFT ASSEMBLY
5	9-222742	1	• OUTPUT SHAFT
6	9-222743	1	• BUSHING
7	9-222741	1	• E3 Gear RH
8	9-222575	2	• Bearing 6211
9	9-222559	2	• SHIM_DIN988_80x100x0.1-ST
10	9-222558	1	• SHIM_DIN988_80x100x0.2-ST
11	9-222557	1	• SHIM_DIN988_80x100x0.5-ST
12	9-222745	2	• HALF ROUND YOKE 1480 SPL24
13	9-222618	2	• O-ring 45x5
14	9-222744	2	• WASHER
15	9-222566	2	• Locking nut M45x1.5
16	9-222654	4	• Pin Dowel - M6 X 20MM

3.21 CVT P2 and P3 Gears & Input Shaft Assemblies

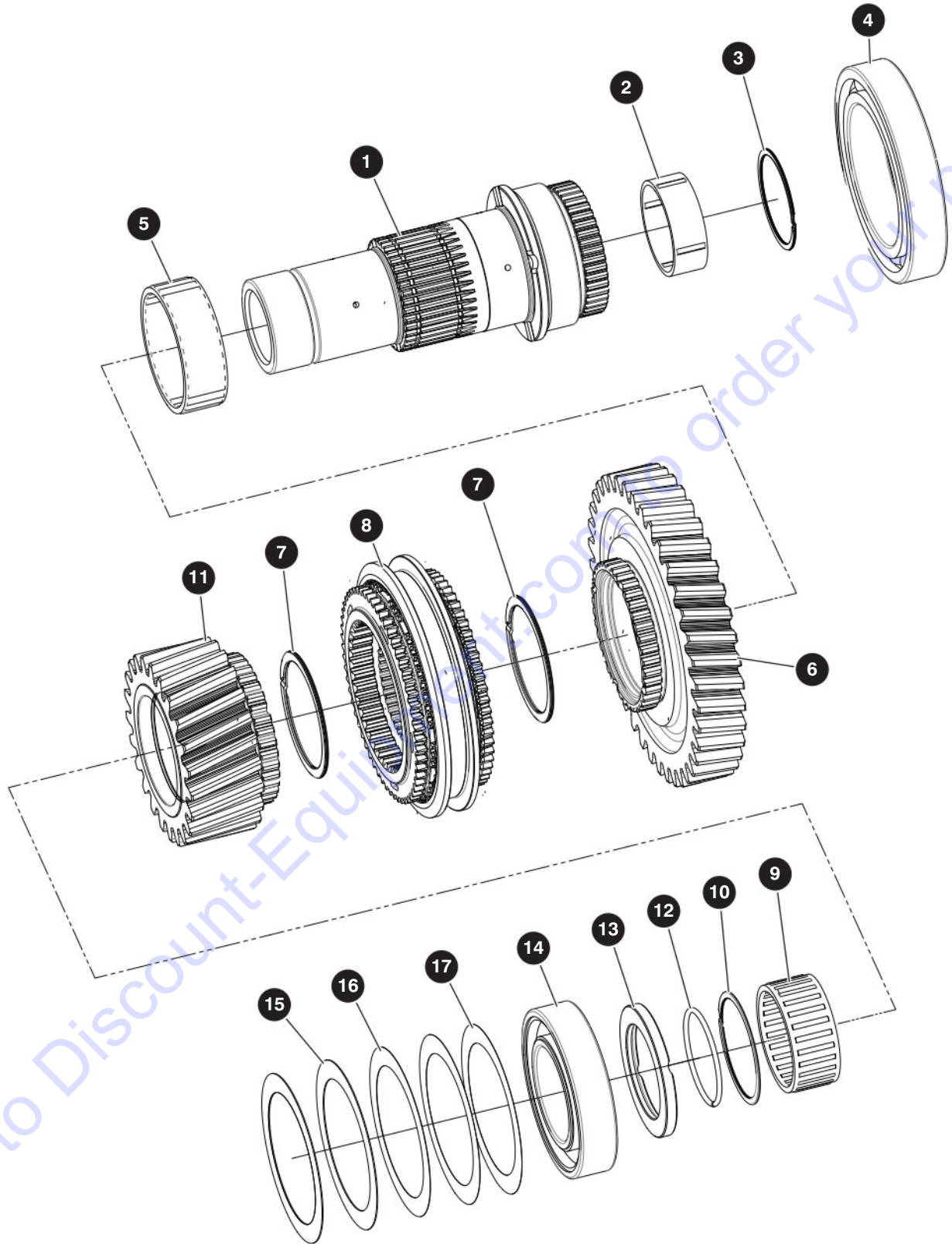


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3.21 CVT P2 and P3 Gears & Input Shaft Assemblies

Index No.	Skyjack Part No.	Qty.	Description
-	9-222746	1	P2 GEAR ASSEMBLY
1	9-222748	1	• P2 Gear
2	9-222585	1	• Cylindrical Roller Bearing 35mm X 80mm X 21mm
3	9-222659	1	• Retaining Ring INT
4	9-222750	1	• P2 Bearing Support
5	9-222527	1	• M12 x 1.75 x 35.0 ZC-PL
-	9-222747	1	INPUT SHAFT ASSEMBLY
6	9-222689	1	• Cam Shaft
7	9-222749	1	• P1 Gear
8	9-222577	1	• 60 mm x 110 mm x 22 mm (6212)
9	9-222688	1	• LUBRICATION THRUST WASHER
-	9-222752	1	P3 GEAR ASSEMBLY
10	9-222753	1	• P3 Gear
11	9-222580	1	• Bearing Ball 35 mm x 72 mm x 17 mm (6207)
12	9-222574	1	• Ball Bearing 6009

3.22 R1 & H1 Shaft Double Cone Assembly



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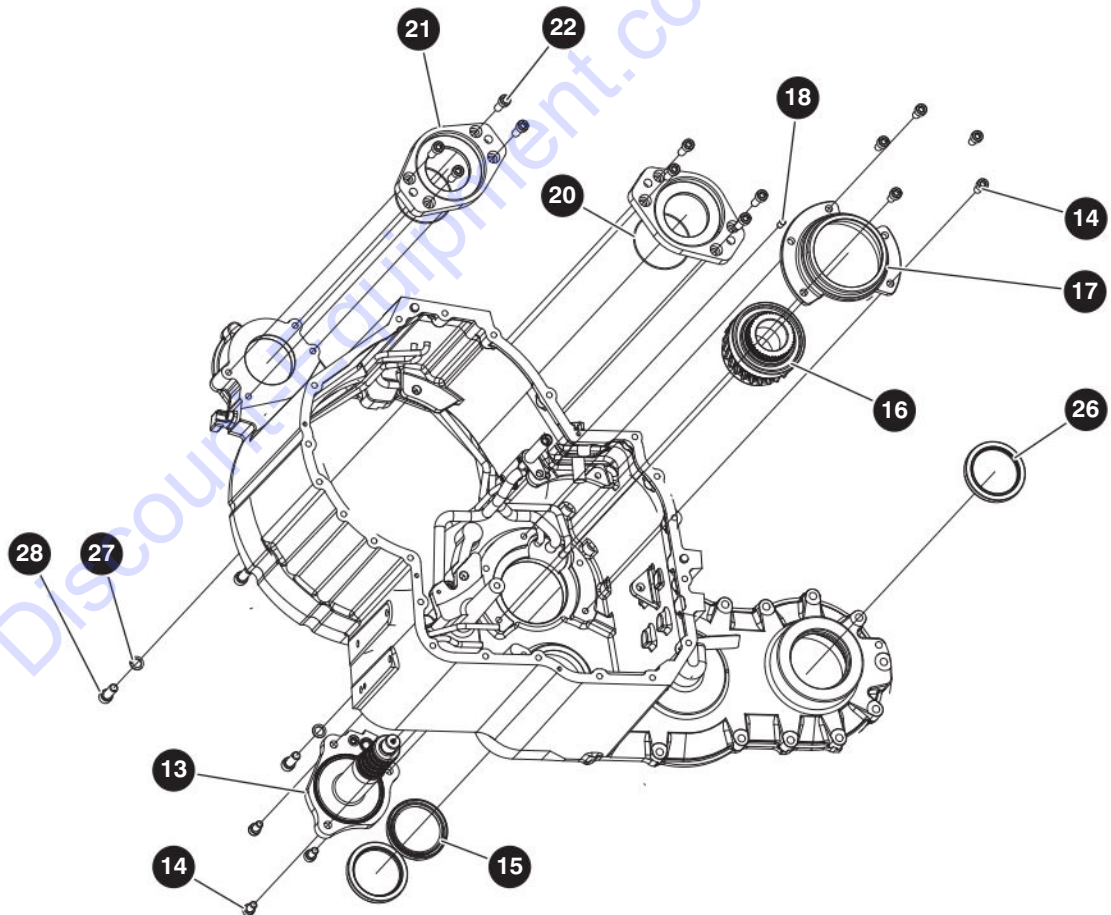
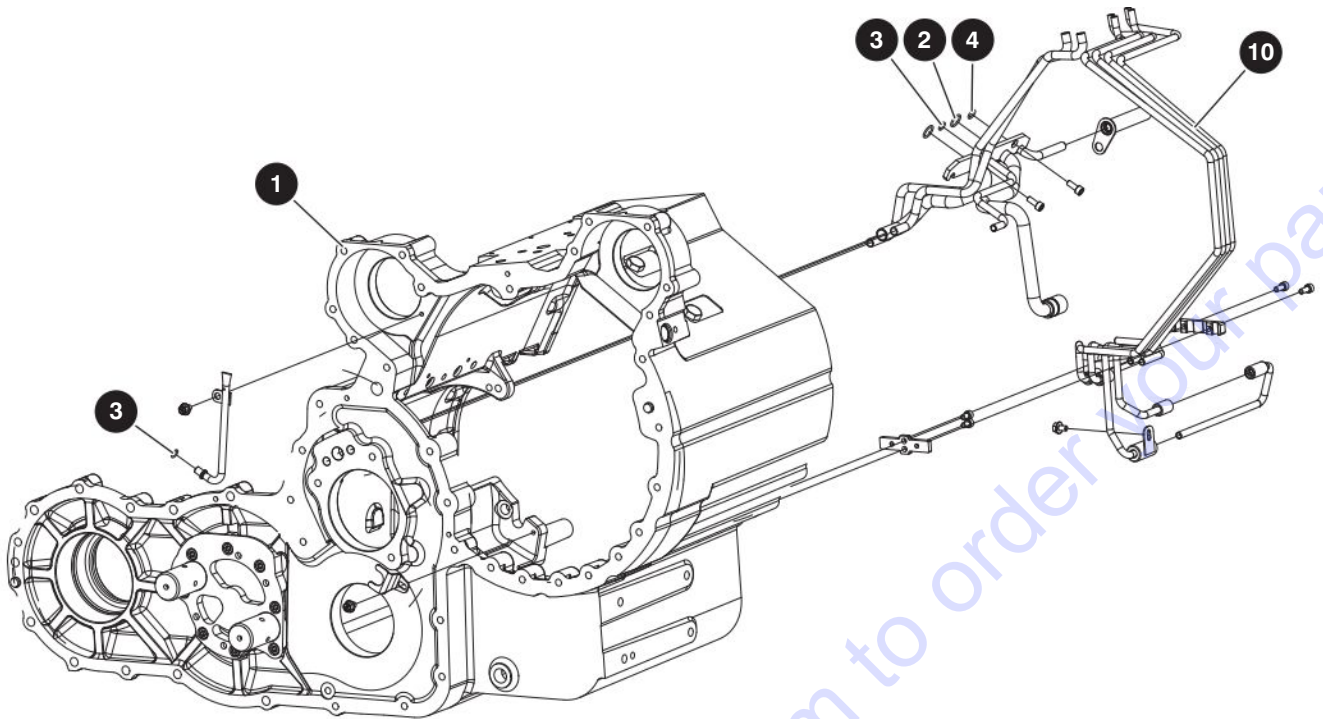
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3.22 R1 & H1 Shaft Double Cone Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222751	1	R1/H1 SHAFT DOUBLE CONE ASSEMBLY
1	9-222720	1	• SYNCHRO SHAFT
2	9-222581	1	• Needle Bearing K45x52x18H
3	9-222671	1	• Snap Ring Int EH-52mm
4	9-222573	1	• Ball Bearing 6015
5	9-222584	1	• Bearing Needle Roller 60mm X 68mm X 23mm
6	9-222715	1	• H1 Gear
7	9-222668	2	• Retaining Ring Spiral EXT 60mm
8	9-222629	1	• SYNCHRONIZER DOUBLE CONE 311415aa3
9	9-222583	1	• Bearing Needle Bearing 50mm X 58mm X 25mm
10	9-222674	1	• Retaining Ring Spiral INT 58mm
11	9-222721	1	• R1 Gear
12	9-222567	1	• LOCKING RING A50X2.5
13	9-222719	1	• Thrust washer
14	9-222579	1	• Bearing Ball 6210 50mm X 90mm X 20mm
15	9-222560	2	• SHIM_DIN988_70x90x0.5
16	9-222561	1	• SHIM_DIN988_70x90x0.2
17	9-222562	2	• SHIM_DIN988_70x90x0.1

3.23 CVT Middle Casing Assembly



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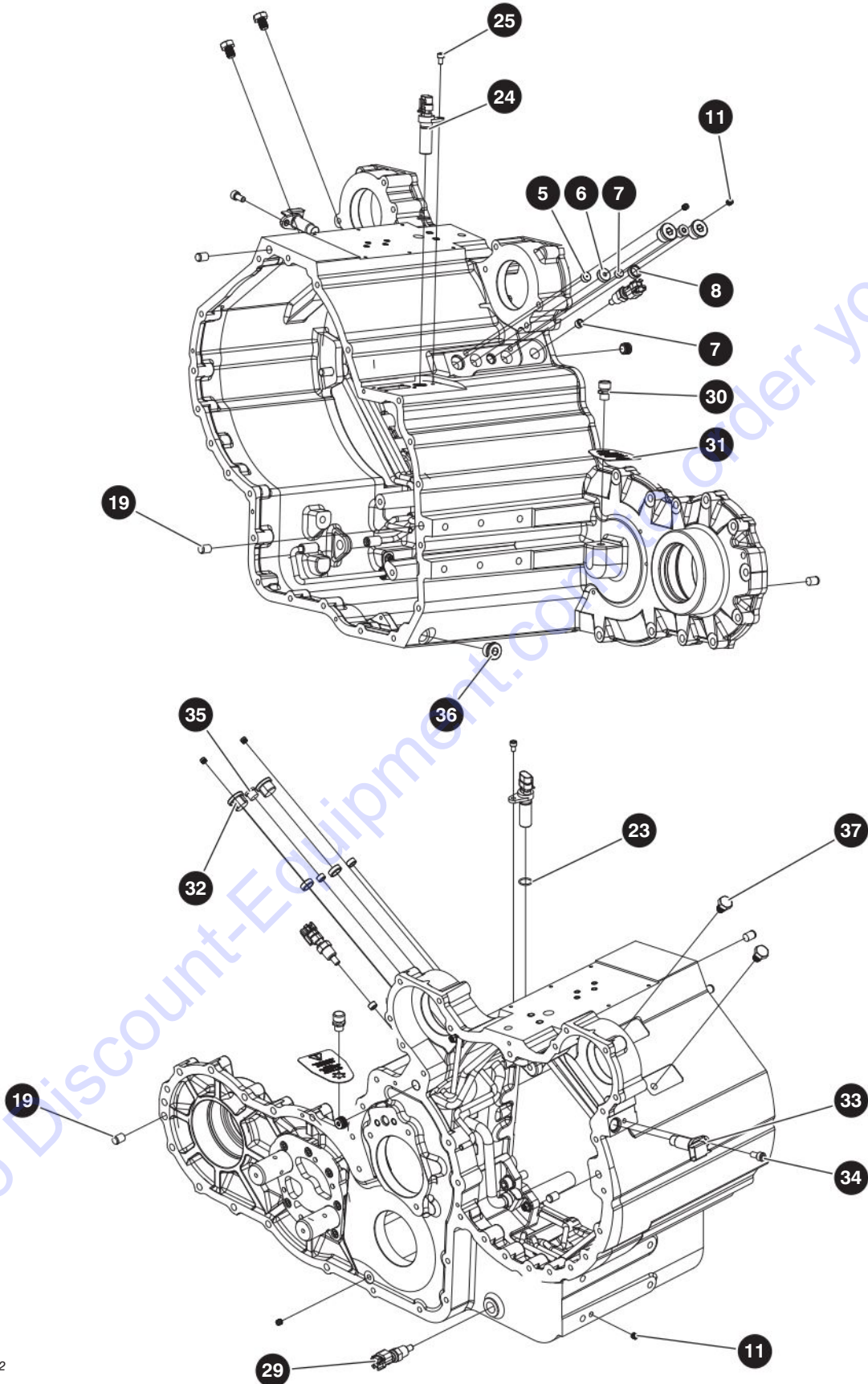
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3.23 CVT Middle Cassing Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222767	1	MIDDLE CASSING ASSEMBLY
1	9-222768	1	• Middle Casing Plate ASM
2	9-222596	2	• O-RING AS568 Dash #015 Nitrile
3	9-222608	2	• O-RING AS568 Dash #11 Nitrile
4	9-222594	1	• O-RING AS568 Dash #012 Nitrile
5	9-222759	1	• Insert 14mm Nozzle
6	9-222762	1	• Insert 20mm Nozzle
7	9-222760	1	• Insert 12mm Nozzle
8	9-222761	1	• Insert 20mm Nozzle
9	9-222763	1	• Insert 12mm Nozzle
10	9-222787	1	• Hydraulic Tubing ASM
11	9-222678	4	• Rivet Plug LK series 8mm KVT LK 950-080
12	9-222680	1	• Rivet Plug LK series 16mm KVT LK 950-160
13	9-222705	1	• CLUTCH MANIFOLD ASM
14	9-222521	8	• SHCS M10 x 20 mm
15	9-222625	2	• Seal Ring Single Up
16	9-222713	1	• L1 Gear ASM
17	9-222722	1	• FRONT SUPPORT PLATE
18	9-222655	1	• Pin Dowell M8 x 18 mm
19	9-222656	4	• M12 X 20MM
20	9-222593	2	• 3.250 x 3.375 x 0.070 Dash# 042
21	9-222758	2	• Pump Pad Adaptor
22	9-222524	8	• SHCS M10 x 1.5 x 30 mm
23	9-222606	1	• O-RING AS568 Dash #017 Nitrile
24	9-222504	1	• Hall-Effect Speed And Direction Sensor
25	9-222513	1	• SHCS M6 x 1.0 x 10.0 ZC-PL
26	9-222623	1	• Seal Ring Double Lips
27	9-222548	3	• Wedge Lock Washer
28	9-222528	3	• SHCS M12- x 1.75 x 35 mm
29	9-222501	2	• GM Delphi / Packard Fluid Temperature Sensor
30	9-222651	1	• Oil filling plug with breather 1/4 BSPP / alu washer
31	9-222684	1	• Label ATF Oil
32	9-222639	2	• Fitting Accessories (Hex Socket Plug)
33	9-222505	1	• HONEYWELL SNDH-H3C-G05
34	9-222520	1	• M8 x 1.25 x 16.0 (CLASS 12.9) ZC-PL
35	9-222637	1	• Hex Plug SAE-ORB 9/16-18 05HP-6
36	9-222638	1	• MAGNET_PLUG_PG_1-2_BSP
37	9-222535	2	• Bolt Hex Head M12 x 1.75 x 16 (class 8,8) ZC-PL

3.23 CVT Middle Casing Assembly



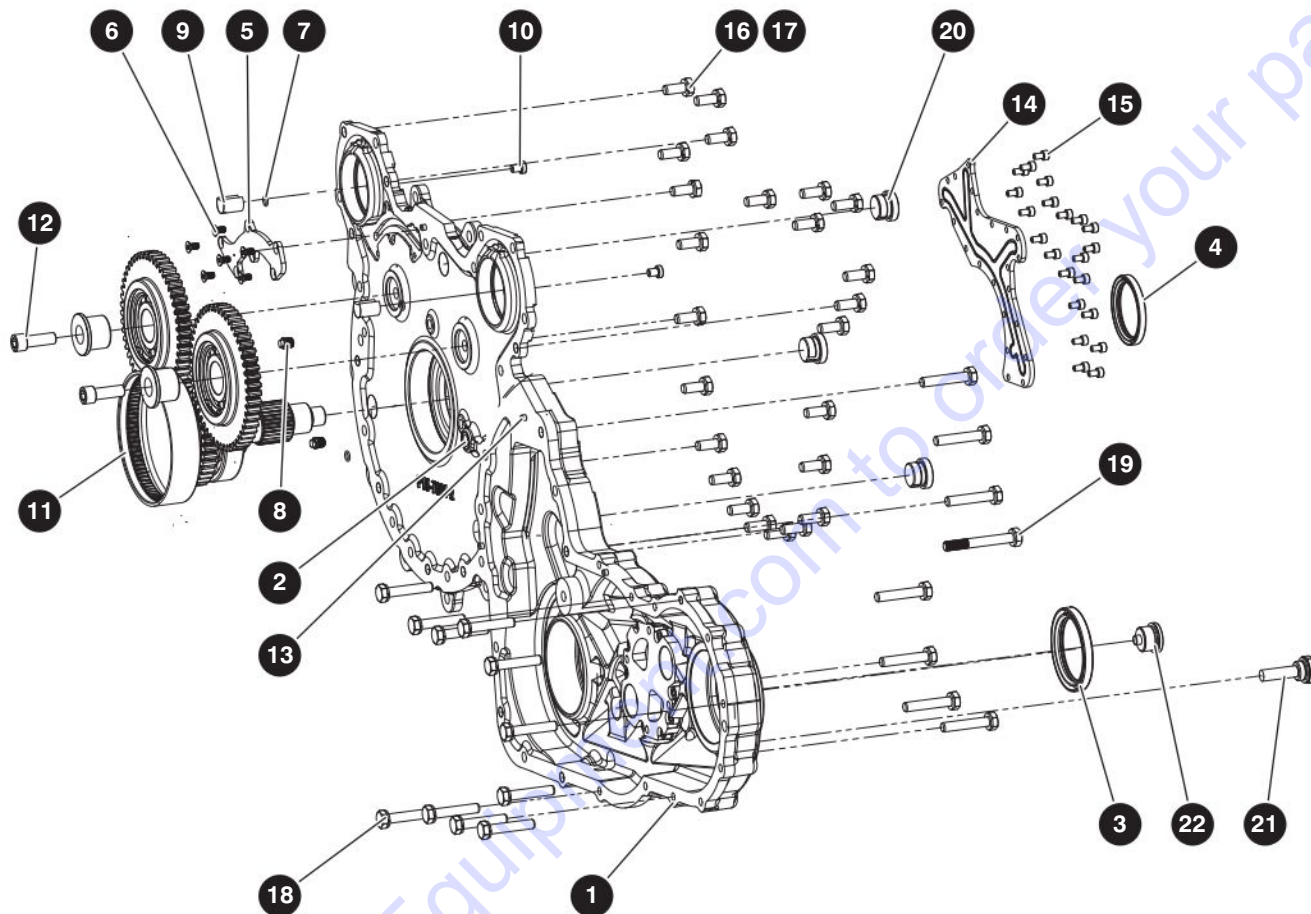
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3.23 CVT Middle Casing Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222767	1	MIDDLE CASSING ASSEMBLY
1	9-222768	1	• Middle Casing Plate ASM
2	9-222596	2	• O-RING AS568 Dash #015 Nitrile
3	9-222608	2	• O-RING AS568 Dash #11 Nitrile
4	9-222594	1	• O-RING AS568 Dash #012 Nitrile
5	9-222759	1	• Insert 14mm Nozzle
6	9-222762	1	• Insert 20mm Nozzle
7	9-222760	1	• Insert 12mm Nozzle
8	9-222761	1	• Insert 20mm Nozzle
9	9-222763	1	• Insert 12mm Nozzle
10	9-222787	1	• Hydraulic Tubing ASM
11	9-222678	4	• Rivet Plug LK series 8mm KVT LK 950-080
12	9-222680	1	• Rivet Plug LK series 16mm KVT LK 950-160
13	9-222705	1	• CLUTCH MANIFOLD ASM
14	9-222521	8	• SHCS M10 x 20 mm
15	9-222625	2	• Seal Ring Single Up
16	9-222713	1	• L1 Gear ASM
17	9-222722	1	• FRONT SUPPORT PLATE
18	9-222655	1	• Pin Dowell M8 x 18 mm
19	9-222656	4	• M12 X 20MM
20	9-222593	2	• 3.250 x 3.375 x 0.070 Dash# 042
21	9-222758	2	• Pump Pad Adaptor
22	9-222524	8	• SHCS M10 x 1.5 x 30 mm
23	9-222606	1	• O-RING AS568 Dash #017 Nitrile
24	9-222504	1	• Hall-Effect Speed And Direction Sensor
25	9-222513	1	• SHCS M6 x 1.0 x 10.0 ZC-PL
26	9-222623	1	• Seal Ring Double Lips
27	9-222548	3	• Wedge Lock Washer
28	9-222528	3	• SHCS M12- x 1.75 x 35 mm
29	9-222501	2	• GM Delphi / Packard Fluid Temperature Sensor
30	9-222651	1	• Oil filling plug with breather 1/4 BSPP / alu washer
31	9-222684	1	• Label ATF Oil
32	9-222639	2	• Fitting Accessories (Hex Socket Plug)
33	9-222505	1	• HONEYWELL SNDH-H3C-G05
34	9-222520	1	• M8 x 1.25 x 16.0 (CLASS 12.9) ZC-PL
35	9-222637	1	• Hex Plug SAE-ORB 9/16-18 05HP-6
36	9-222638	1	• MAGNET_PLUG_PG_1-2_BSP
37	9-222535	2	• Bolt Hex Head M12 x 1.75 x 16 (class 8,8) ZC-PL

3.24 CVT Front Casing



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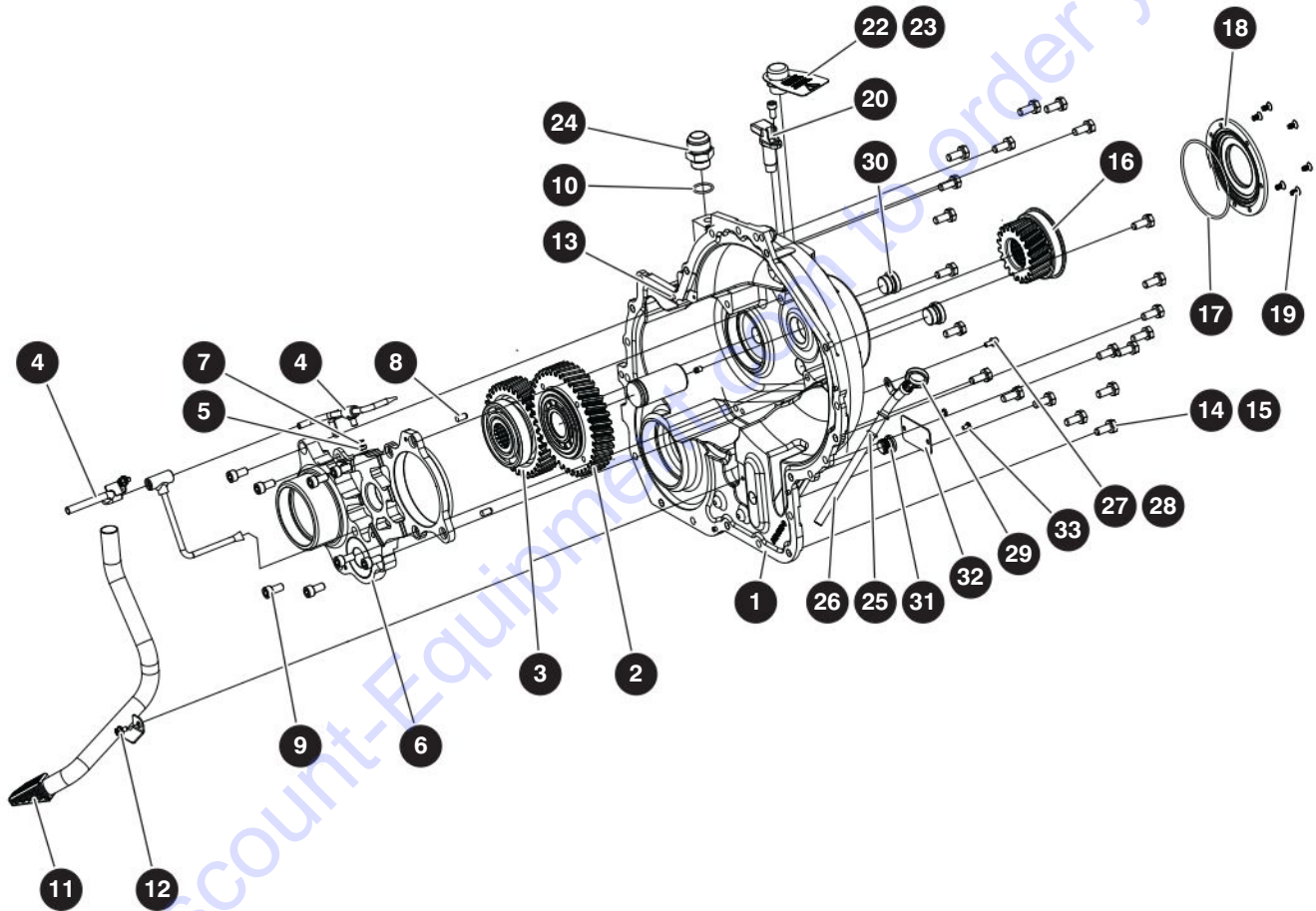
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3.24 CVT Front Casing

Index No.	Skyjack Part No.	Qty.	Description
-	9-222769	1	FRONT CASING ASSEMBLY
1	9-222775	1	• CASING, Front plate
2	9-222764	1	• Insert 18mm chamfer
3	9-222623	1	• Seal Ring Double Lips
4	9-222624	1	• Seal ring double lips
5	9-222770	1	• Plate Lubrication Rear
6	9-222529	6	• FHCS M6x1x12 (91263A837)
7	9-222608	3	• O-RING AS568 #11
8	9-222772	2	• Nozzle 1/8 NPT Modification
9	9-222773	2	• LUBE INSERT
10	9-222530	2	• LHCS M8x1.25X10 188-SS
11	9-222747	1	• Input Shaft ASM
12	9-222746	2	• P2 Gear ASM
13	9-222653	4	• Pin Dowel M6 X 12mm
14	9-222771	1	• Plate Lubrication Front
15	9-222513	22	• SHCS M6 x 1.0 x 10.0 ZC-PL
16	9-222544	43	• Lock Washer Helical Spring, M10 x 18.1mm x 2.05mm
17	9-222534	24	• Bolt Hex Head
18	9-222532	18	• M10 x 1.5 x 55.0 (CLASS 8.8) ZC-PL
19	9-222533	1	• M10 x 1.5 x 80.0 (C:ASS 8.8) ZC-PL
20	9-222640	3	• Fitting Accessories (Hex Socket Plug)
21	9-222774	1	• MAGNETIC FILTER ROD
22	9-222650	1	• Oil drain plug

3.25 CVT Rear Casing



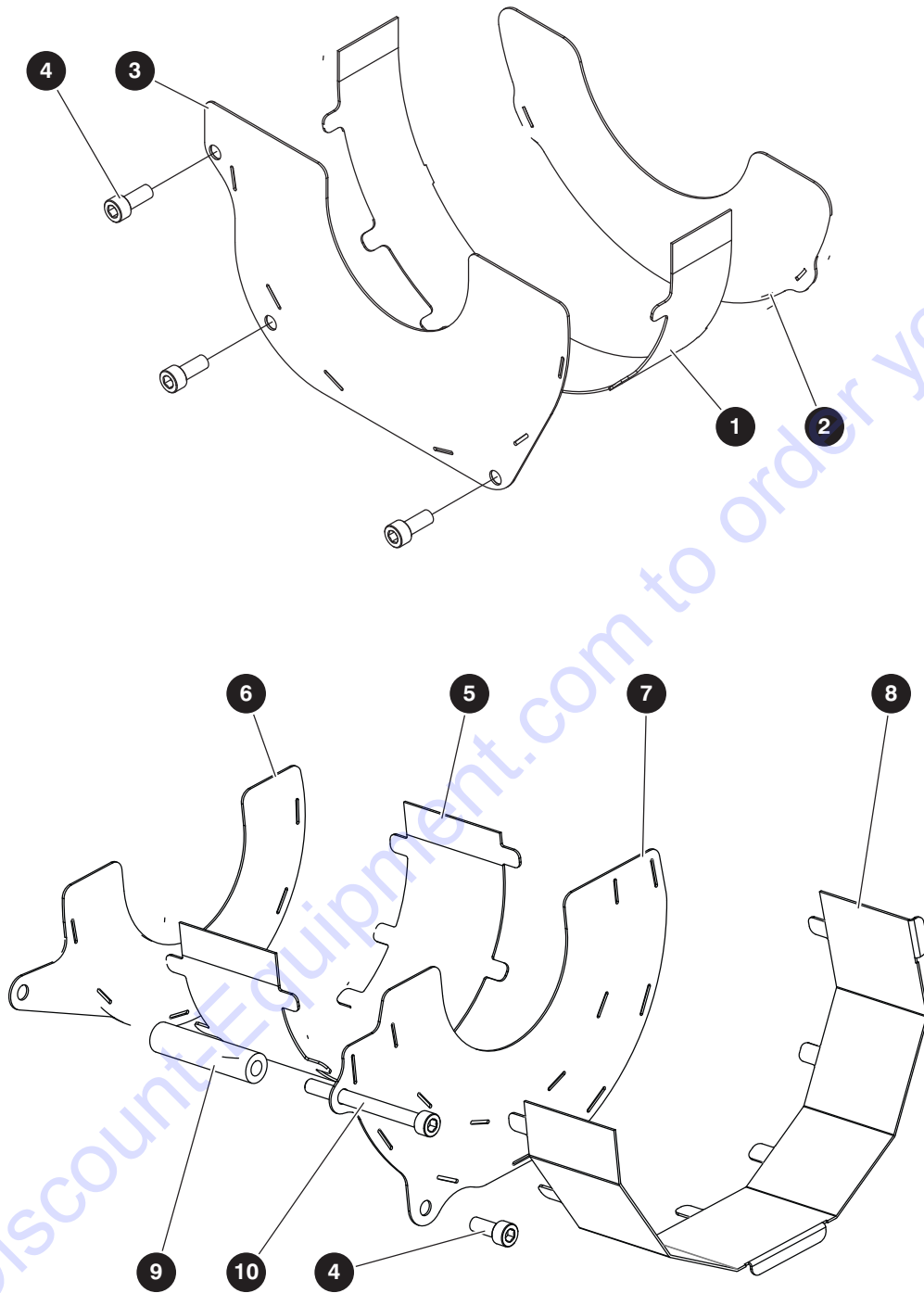
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3.25 CVT Rear Casing

Index No.	Skyjack Part No.	Qty.	Description
-	9-222776	1	REAR CASING ASSEMBLY
1	9-222756	1	• Back Cover (Machining)
2	9-222709	1	• G2 Gear ASM
3	9-222708	1	• G3 Gear ASM
4	9-222833	1	• Rear Hydraulic Tubing ASM
5	9-222696	1	• Insert 12mm Rear Support Plate
6	9-222506	1	• Rear support plate reworked
7	9-222608	1	• O-RING AS568 #11
8	9-222655	2	• Pin Dowell M8 x 18 mm
9	9-222521	8	• SHCS M10 x 20 mm
10	9-222607	1	• O-RING AS568 #120
11	9-222755	1	• SUCTION TUBE
12	9-222537	1	• Bolt Flange head M6x1.0x10.0 (Class 10.9)
13	9-222653	4	• Pin Dowel M6 X 12mm
14	9-222544	21	• Lock Washer Helical Spring, M10 x 18mm x 2mm
15	9-222534	21	• Bolt Hex Head
16	9-222712	1	• G1 gear ASM
17	9-222600	1	• O-RING AS568 #11
18	9-222757	1	• REAR CAP
19	9-222529	6	• FHCS M6x1x12 (91263A837)
20	9-222505	1	• HONEYWELL SNDH-H3C-G05
21	9-222520	1	• M8 x 1.25 x 16.0 (CLASS 12.9) ZC-PL
22	9-222652	1	• Oil Filling Plug - With Breather 3/4 BSPP
23	9-222683	1	• Label CVT Traction Fluid
24	9-222631	1	• Fitting JIC to SAE 1.000 OD Tube-M x 1.062-12 UNF-M
25	9-222620	1	• O-Ring 12mm ID x 2.5mm
26	9-222765	1	• DIPSTICK TUBE
27	9-222539	1	• Washer M6
28	9-222515	1	• M6 x 1.0 x 14.0 (CLASS 12.9) BL-OX
29	9-222766	1	• DipStick Modification
30	9-222640	2	• Fitting Accessories (Hex Socket Plug)
31	9-222641	1	• Hex Socket Sealed Plug 1/2 BSPP
32	9-222685	1	• ID PLATE S/N - Lateral Drop
33	9-222509	2	• Rivet Blind 0,188" x 0,325"

3.26 CVT Front and Rear Baffle

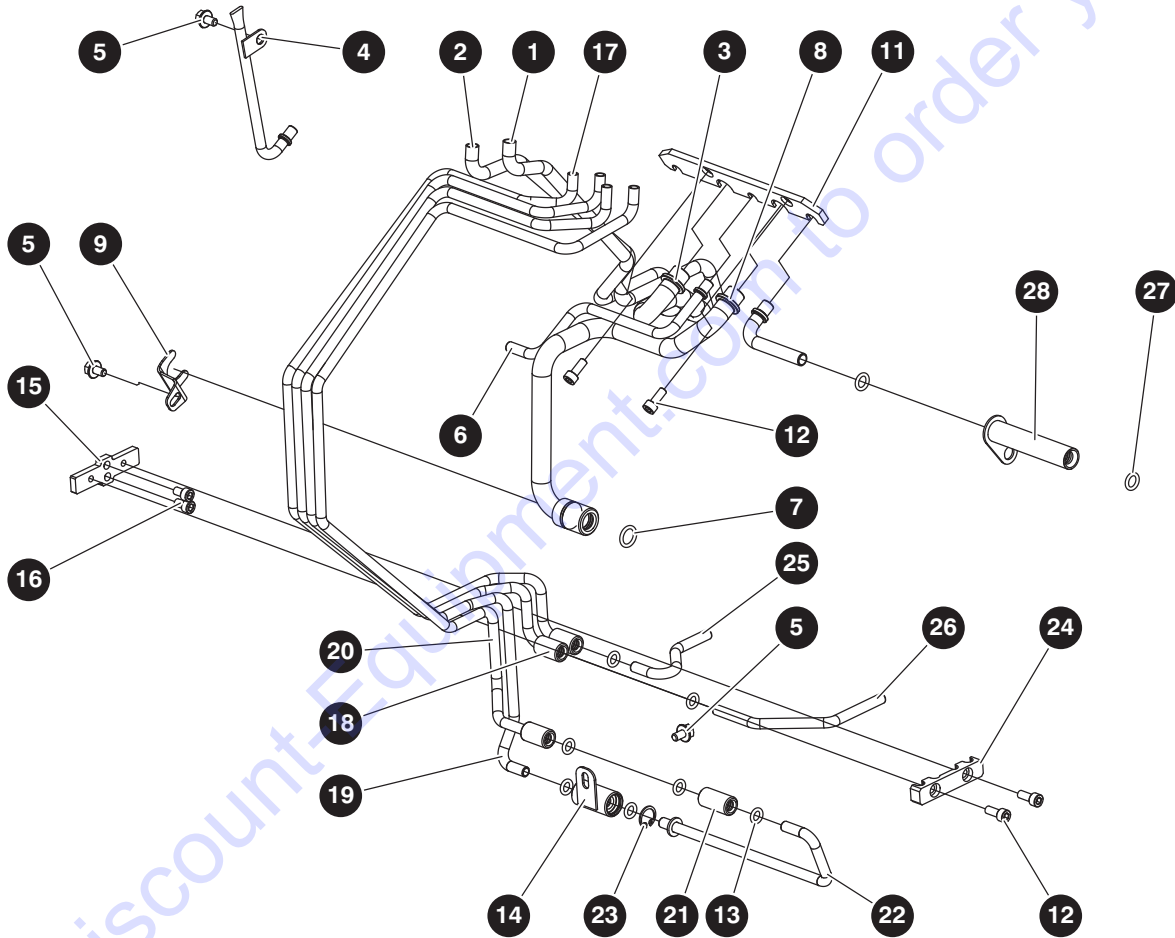


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3.26 CVT Front and Rear Baffle

Index No.	Skyjack Part No.	Qty.	Description
-	9-222777	1	FRONT GEAR BAFFLE ASSEMBLY
1	9-222778	1	• L2 GEAR-BAFFLE PLATE SIDE
2	9-222780	1	• L2 GEAR-BAFFLE PLATE BACK
3	9-222779	1	• L2 GEAR-BAFFLE PLATE FRONT
4	9-222519	4	• SHCS M6 x 1 x 15 ZC-PL
-	9-222781	1	REAR GEAR BAFFLE ASSEMBLY
5	9-222782	1	• R3-H2 GEAR-BAFFLE PLATE SIDE RIGHT
6	9-222783	1	• R2-H2 GEAR-BAFFLE PLATE BACK
7	9-222784	1	• R3-H2 GEAR-BAFFLE PLATE FRONT
8	9-222785	1	• R3-H2 GEAR-BAFFLE PLATE SIDE LEFT
9	9-222786	1	• R3-H2 GEAR BAFFLE SPACER
10	9-222518	1	• SHCS M6 x 1 x 65 ZC-PL 91290A346

3.27 CVT Hydraulic Tubing



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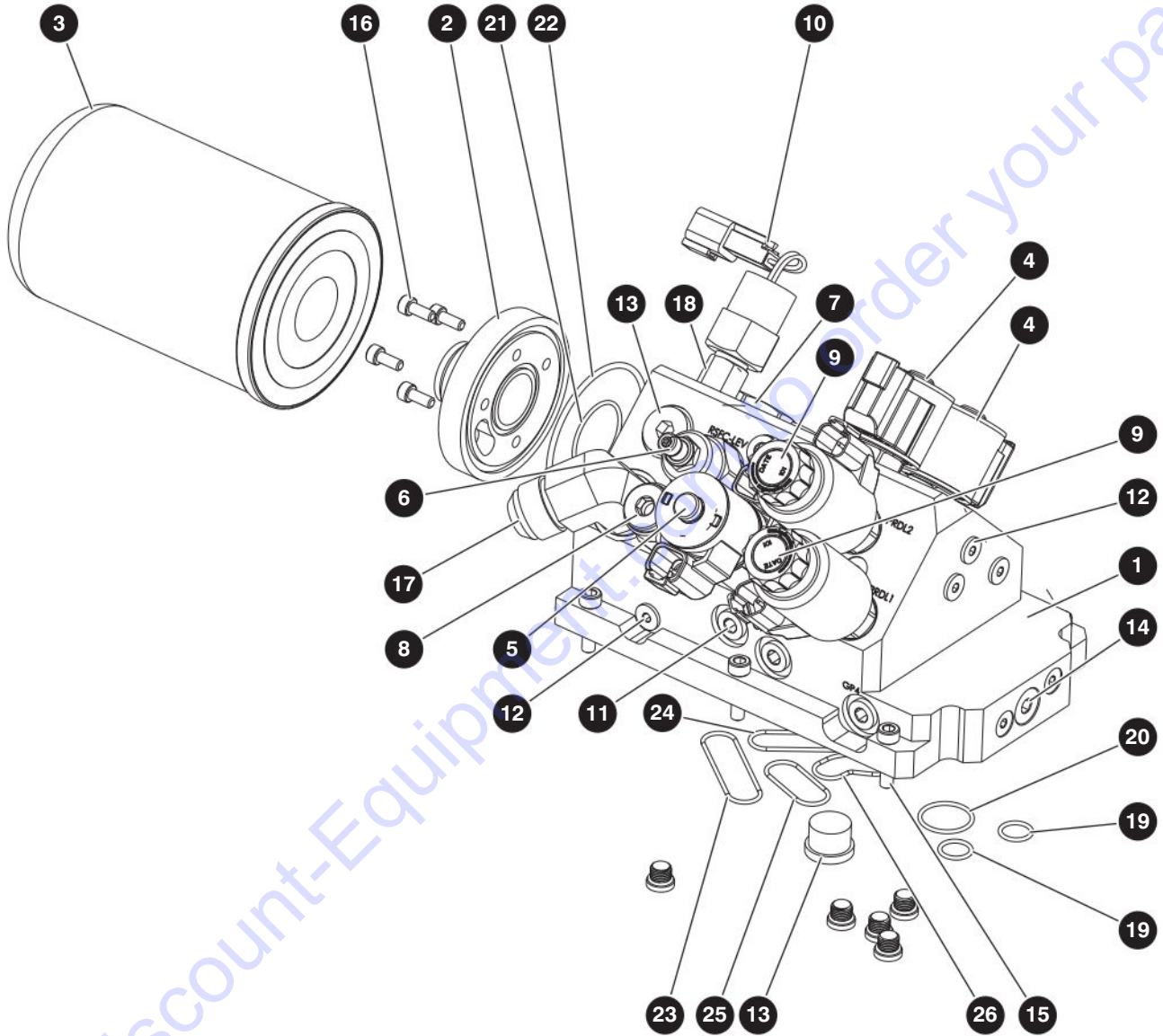
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3.27 CVT Hydraulic Tubing

Index No.	Skyjack Part No.	Qty.	Description
-	9-222787	1	HYDRAULIC TUBING ASSEMBLY
1	9-222789	1	• TUBING PRESSURE CLUTCH H1-R1
2	9-222793	1	• TUBING PRESSURE CLUTCH L1
3	9-222790	1	• TUBING LUBRIFICATION CLUTCH
4	9-222808	1	• LUBRIFICATION ASM P2-P3
5	9-222537	3	• Bolt Flange head M6x1.0x10.0 (Class 10.9)
6	9-222791	1	• TUBING LUBRIFICATION FRONT CASING
7	9-222595	1	• O-RING AS568 #112
8	9-222805	1	• CVT OIL INPUT
9	9-222800	1	• BRACKET CVT OIL INPUT
10	9-222792	1	• TUBING1 LUBRIFICATION G1-G2-G3
11	9-222794	1	• PLATE TUBE RETAINER
12	9-222519	4	• SHCS M6 x 1 x 15 ZC-PL
13	9-222598	7	• O-ring AS568 Dash #109 Nitrile
14	9-222809	1	• PRESSURE CTRL SYSTEM OVERDRIVE CONNECTION ASM
15	9-222795	1	• TUBING SUPPORT BRACKET BACK
16	9-222513	2	• SHCS M6 x 1.0 x 10.0 ZC-PL
17	9-222806	1	• PRESSURE SYNCHRO ASM R1
18	9-222807	1	• PRESSURE SYNCHRO ASM H1
19	9-222788	1	• "TUBING1 PRESSURE CTRL SYSTEM OVERDRIVE"
20	9-222810	1	• "TUBING PRESSURE CTRL SYSTEM UNDERDRIVE ASM"
21	9-222799	1	• 8mm O-RING TO 8mm O-RING SLEEVE
22	9-222811	1	• "TUBING PRESSURE CTRL SYSTEM OVERDRIVE ASM2"
23	9-222666	1	• Internal Retaining Ring 16mm
24	9-222796	1	• TUBING SUPPORT BRACKET FRONT
25	9-222798	1	• TUBING1 PRESSURE SYNCHRO R1
26	9-222797	1	• TUBING1 PRESSURE SYNCHRO H1
27	9-222599	2	• O-RING AS568 #110
28	9-222804	1	• LUBRIFICATION SUPPORT MID-CASING G1-G2-G3

3.28 CVT Manifold



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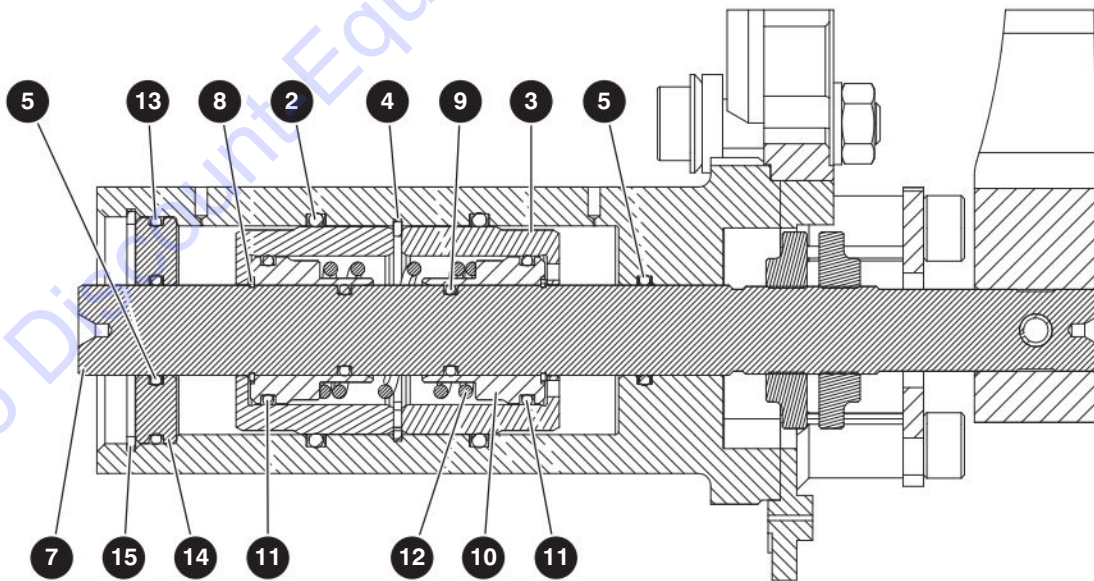
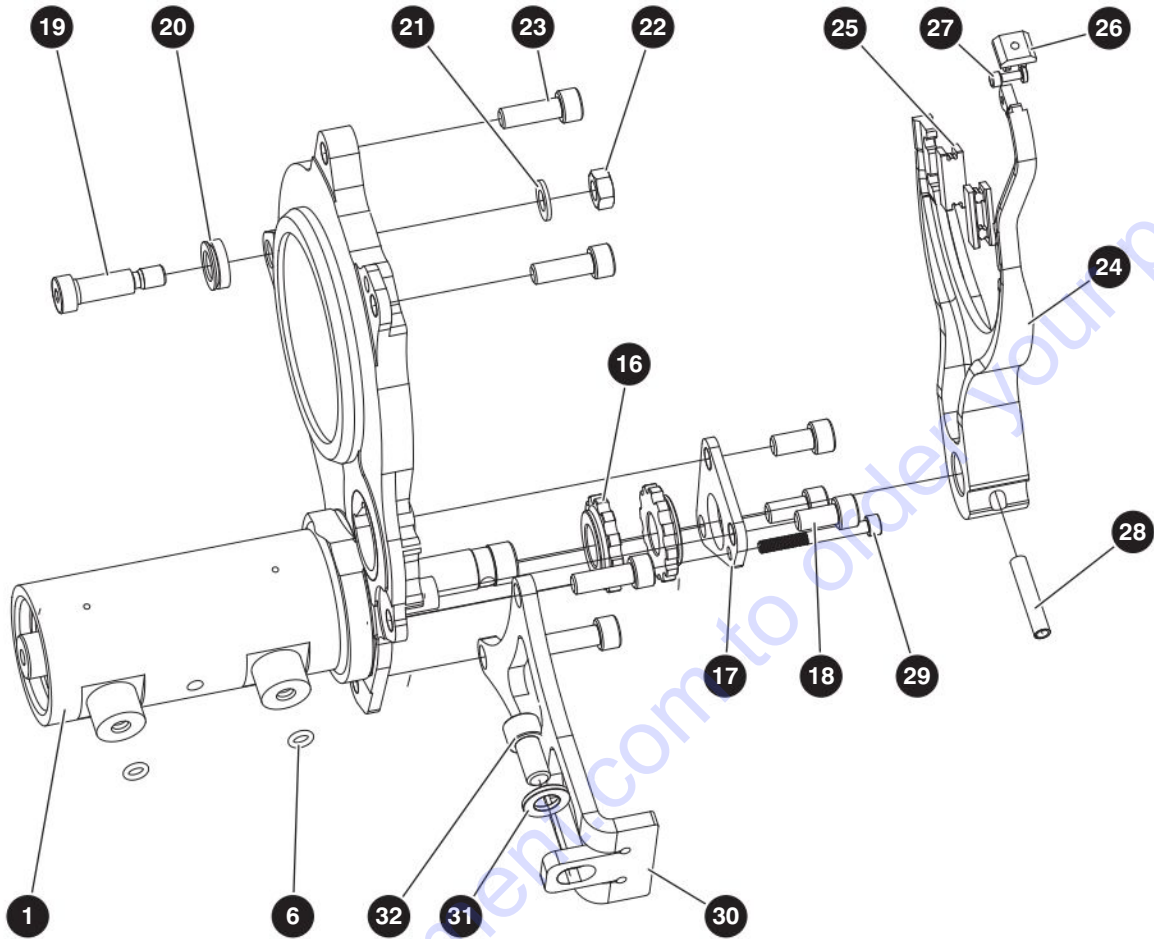
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SKYJACK

3.28 CVT Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	9-222813	1	MANIFOLD BLOCK ASSEMBLY
1	9-222814	1	• MANIFOLD, Block MC-47361
2	9-222815	1	• FILTER ADAPTER
3	9-222643	1	• FILTER DONALDSON P165354
4	9-222647	2	• Valve proportionnal SV08-31-0-V-12ER
5	9-222646	1	• Valve 4 voies/3 pos électro-proportionnelle
6	9-222648	1	• Valve Pilot operated balanced piston sequence valve (RSFC-LEV)
7	9-222644	1	• CHECK VALVE CV12-20-0-V-50
8	9-222645	1	• Relief Valve RV10-22C-0-VC-6
9	9-222649	2	• VALVE PRDLXSN912N
10	9-222503	1	• Low Pressure Switch - Nason LM-6A-250R/1WD/VT
11	9-222636	9	• Hex Plug SAE-ORB 7/16-20 05HP-4
12	9-222634	21	• 0.313-24 Straight Thread SAE-ORB (-2)
13	9-222635	4	• Hex Plug SAE-ORB 3/4-16 05HP-8
14	9-222637	1	• Hex Plug SAE-ORB 9/16-18 05HP-6
15	9-222516	6	• SHCS - M6 x 1.0 x 25.0 (CLASS 12.9) ZC-PL
16	9-222512	4	• M5 x 0.8 x 12.0 (CLASS 12.9) ZC-PL
17	9-222632	1	• Fitting elbow SAE 0.750 OD tube-M x 0.875-14 UNF-M 12-10_c5ox-s
18	9-222633	1	• Fitting SAE to SAE - 0.563-18 UNF-M x 0.438-20 UNF-F
19	9-222613	2	• O-Ring 0.489"ID x 0.070" width (#014)
20	9-222612	1	• O-Ring 0.864"ID x 0.070" width (#020)
21	9-222611	1	• O-Ring 1.239"ID x 0.070" width (#026)
22	9-222609	1	• O-Ring 2.612"ID x 0.103" width
23	9-222614	1	• O-Ring 1.614"ID x 0.070" width (#030)
24	9-222610	1	• O-Ring 1.176"ID x 0.070" width (#028)
25	9-222621	1	• 1.114"ID x 0.070" width (#024)
26	9-222615	1	• 1.051"ID x 0.070" width (#023)

3.29 CVT Cylinder Synchro



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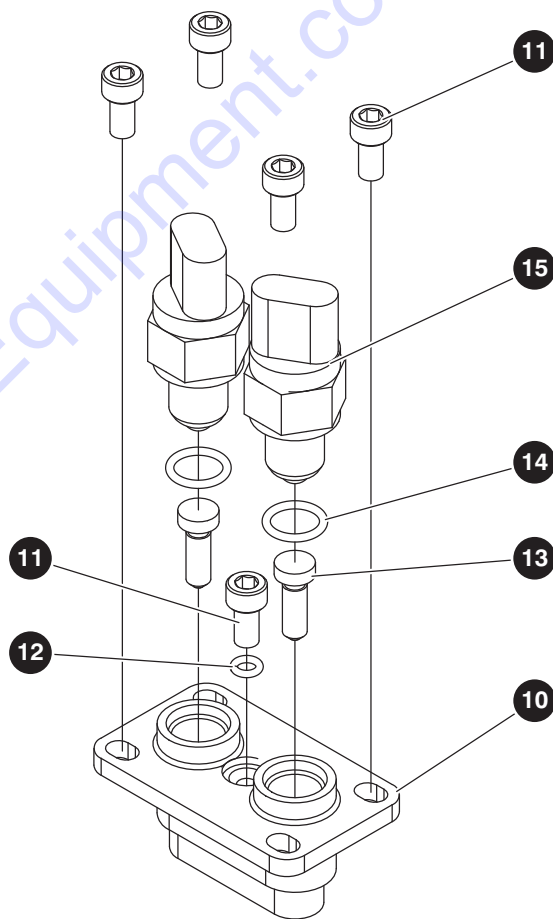
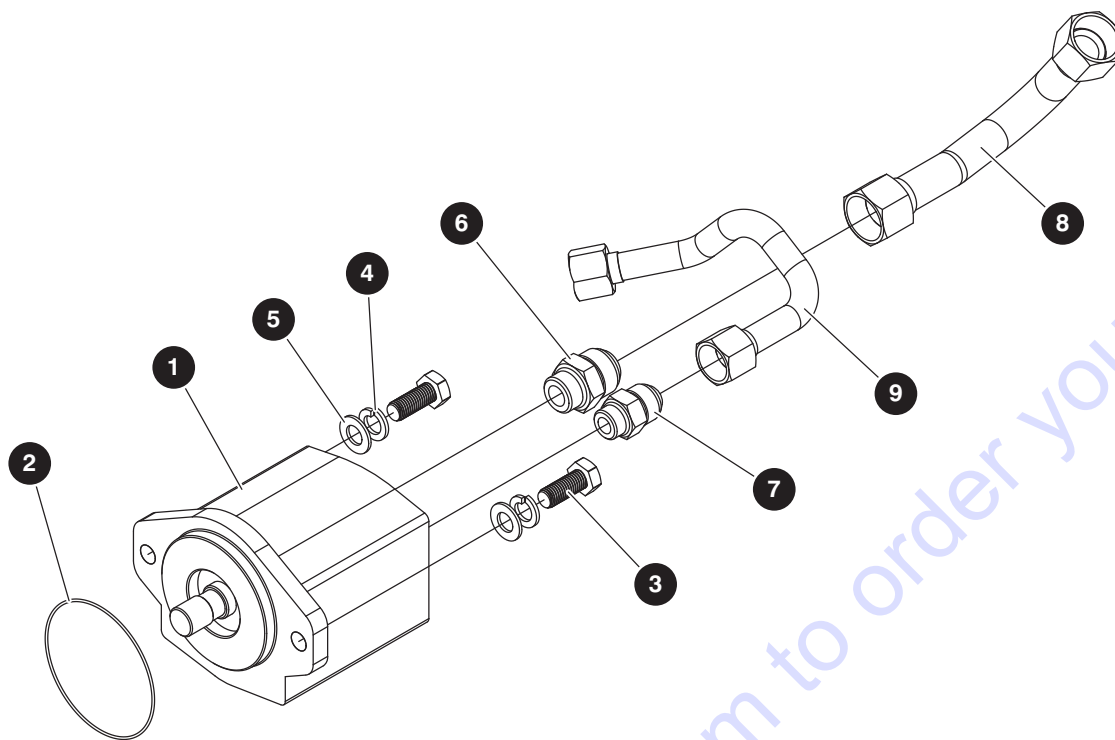
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3.29 CVT Cylinder Synchro

Index No.	Skyjack Part No.	Qty.	Description
-	9-222816	1	CYLINDER SYNCHRO ASSEMBLY
1	9-222507	1	• Mid support plate reworked
2	9-222603	2	• O-RING AS568 #11
3	9-222820	2	• PISTON OUTER
4	9-222663	1	• Retaining ring int 50mm bore
5	9-222602	2	• O-RING AS568 #11
6	9-222598	2	• O-ring AS568 Dash #109 Nitrile
7	9-222818	1	• SYNCHRO SHAFT
8	9-222675	2	• Retaining ring ext 22mm shaft
9	9-222604	2	• O-RING AS568 #11
10	9-222819	2	• PISTON INNER
11	9-222605	2	• O-RING AS568 #11
12	9-222590	1	• Compression spring OD 1,312 ID 1,050 FL 1,91 (12127)
13	9-222601	1	• O-RING AS568 #11
14	9-222822	1	• SEAL CAP
15	9-222662	1	• Retaining ring int 55mm bore
16	9-222817	2	• Stopper Disk
17	9-222821	1	• Stopper Plate
18	9-222521	3	• SHCS M10 x 20 mm
19	9-222510	1	• SHLDR_Screw PRECISION (HEX SOCKET) 12mm x 30mm x M10 BL-OX
20	9-222551	1	• Spherical Washers M12 x 24 mm x 8 mm
21	9-222540	1	• M10 x 20mm x 1.8-2.2mm
22	9-222564	1	• Nut Hex Full M10 x 1.5 x 8mm ZC-PL
23	9-222523	4	• M10 x 1.5 x 30.0 (CLASS 12.9) BL-OX
24	9-222823	1	• FORK
25	9-222825	2	• SHIFT FORK SLIDER
26	9-222824	1	• SHIFT FORK LOCATOR
28	9-222657	1	• Spring Pin Steel, M8 Diameter, 45mm Length
29	9-222517	1	• SHCS M6 x 1 x 55 ZC-PL (91502A175)
30	9-222826	1	• STIFFENER BRACKET
31	9-222541	1	• Washer Plain M12 x 24mm x 2.7mm
32	9-222525	1	• SHCS M12x1.75 X 22.0

3.30 Pump & Limit Switch Assembly



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3.30 Pump & Limit Switch Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-222827	1	PUMP UNIT
1	9-222642	1	• CASAPA PHP20-25 R0-04S5-P-OD/OC-V-EL-D
2	9-222592	1	• O-RING 4.000 X 4.125 X 0.0625 (#045)
3	9-222536	2	• Bolt Hex Head M14 x 2 x 35.0 (Class 8.8)
4	9-222545	2	• Lock Washer M14
5	9-222542	2	• Washer Plain M14 x 28mm x 2.7mm
6	9-222631	1	• Fitting JIC to SAE 1.000 OD Tube-M x 1.062-12 UNF-M
7	9-222630	1	• Fitting JIC to SAE 0.750 OD Tube-M x 0.875-14 UNF-M 12-10_f5ox-s
8	9-222828	1	• Suction Tubing
9	9-222829	1	• Pressure Tubing
-	9-222830	1	LIMIT SWITCH ASSEMBLY
10	9-222832	1	• Block Limit Switch
11	9-222514	5	• SHCS M6 X 12 mm
12	9-222622	1	• O-ring 0,176"ID x 0.070 width Dash#008 Buna-N
13	9-222831	2	• Plunger
14	9-222617	2	• O-Ring #3-906
15	9-222502	2	• Plunger operated switches 14400204-R

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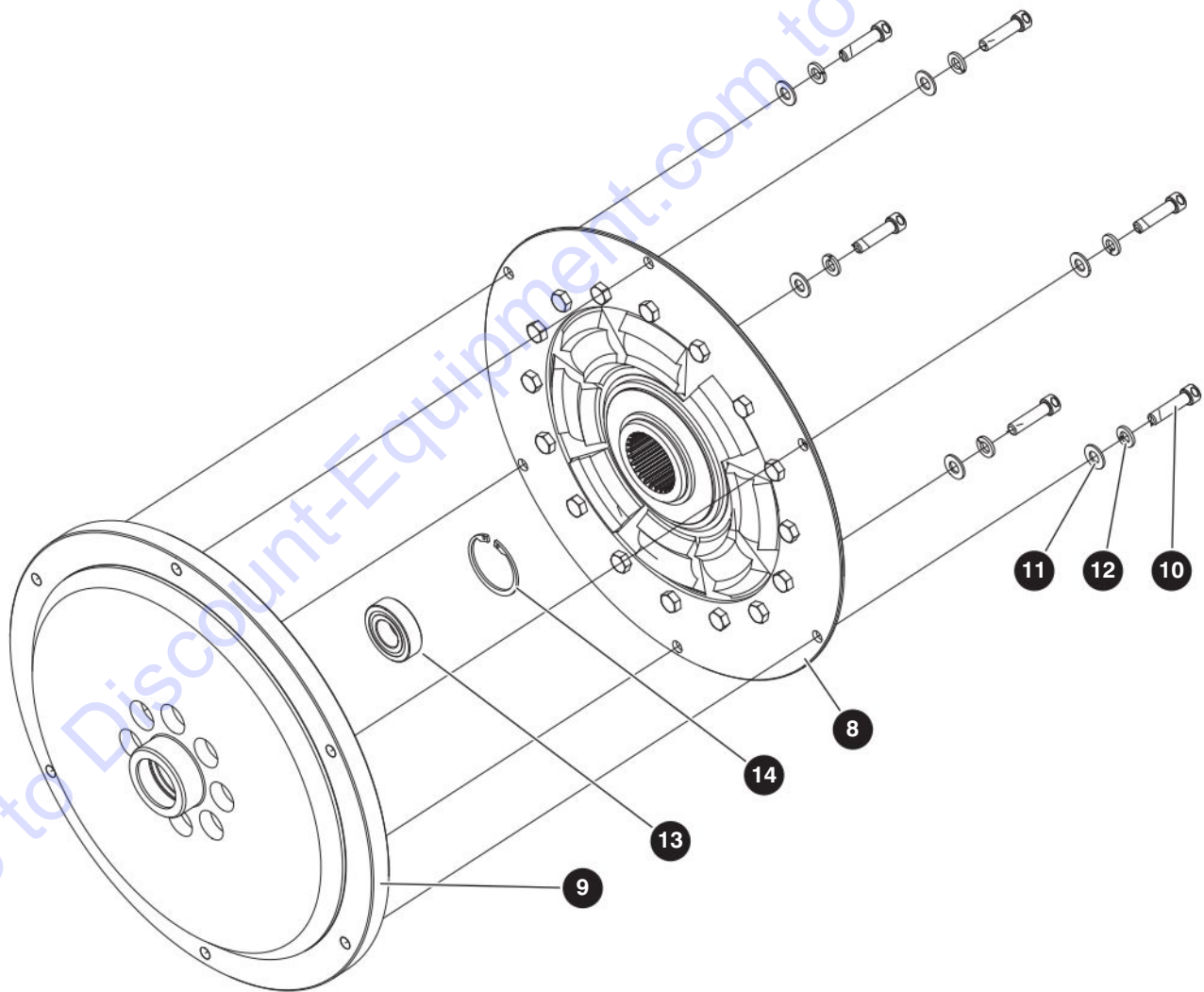
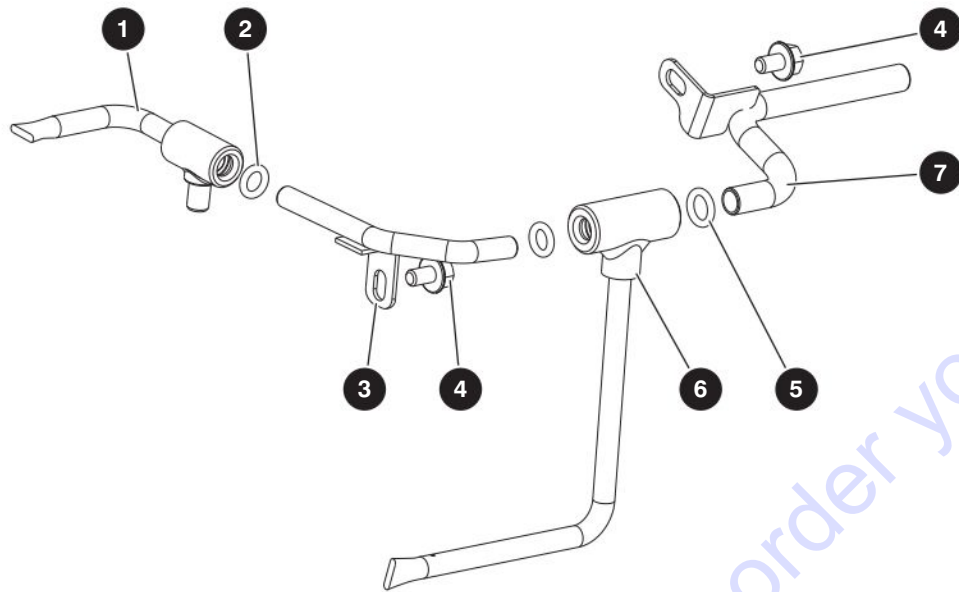
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3.31 CVT Rear Hydraulic Tubing & Damper Plate

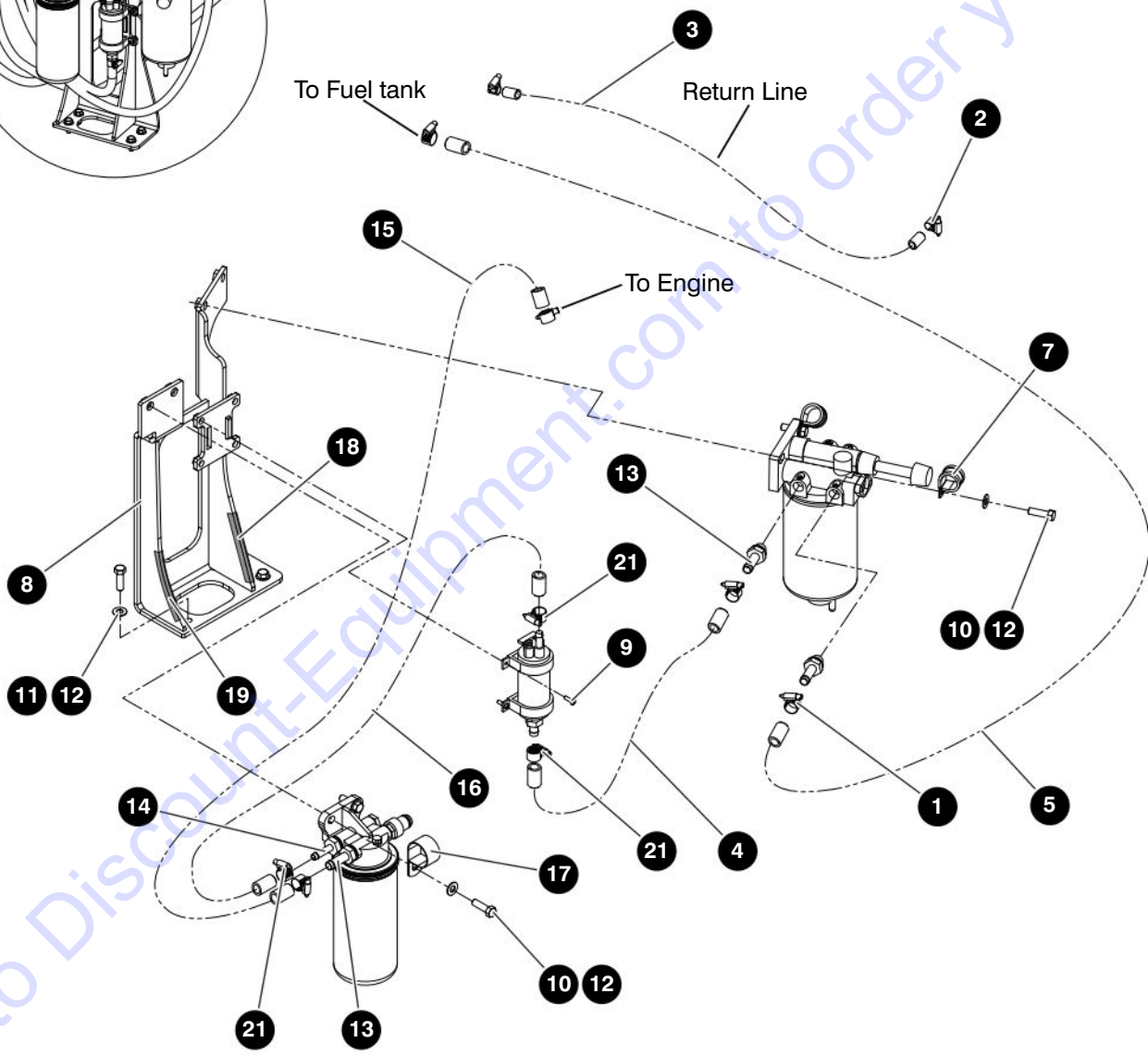
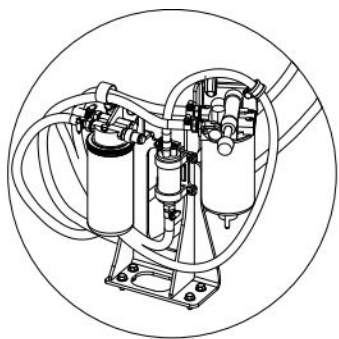


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3.31 CVT Rear Hydraulic Tubing & Damper Plate

Index No.	Skyjack Part No.	Qty.	Description
-	9-222833	1	REAR HYDRAULIC TUBING
1	9-222802	1	• LUBRIFICATION ASM2 G1-G2
2	9-222598	2	• O-ring AS568 Dash #109 Nitrile
3	9-222801	1	• "TUBING LUBRIFICATION ASM1 G1-G2"
4	9-222537	2	• "Bolt Flange head M6x1.0x10.0 (Class 10.9)"
5	9-222599	1	• O-RING AS568 #110
6	9-222812	1	• LUBRIFICATION ASM G2-G3
7	9-222803	1	• LUBRIFICATION ASM G1-G2-G3
-	9-222834	1	DAMPER PLATE ASSEMBLY
8	9-213824	1	• TORSIONAL SPRING COUPLING MODEL 231031 (Z-191232), 0-650 ft-lbs
9	9-216575	1	• Adaptor plate SAE J927 to J620
10	9-151159	6	• SHCS 5/16-18 X 1 1/4 ZINC PLATED
11	9-103996	6	• Washer Flat 0.344 x 0.688 x 0.055-0.080
12	9-103404	6	• Lock Washer Helical Spring 0.313 x 0.078
13	9-216576	1	• Ball bearing ID:20 OD: 42 W: 12 , 6004-2RS
14	9-216580	1	• Retaining ring J42

3.32 Fuel Lines



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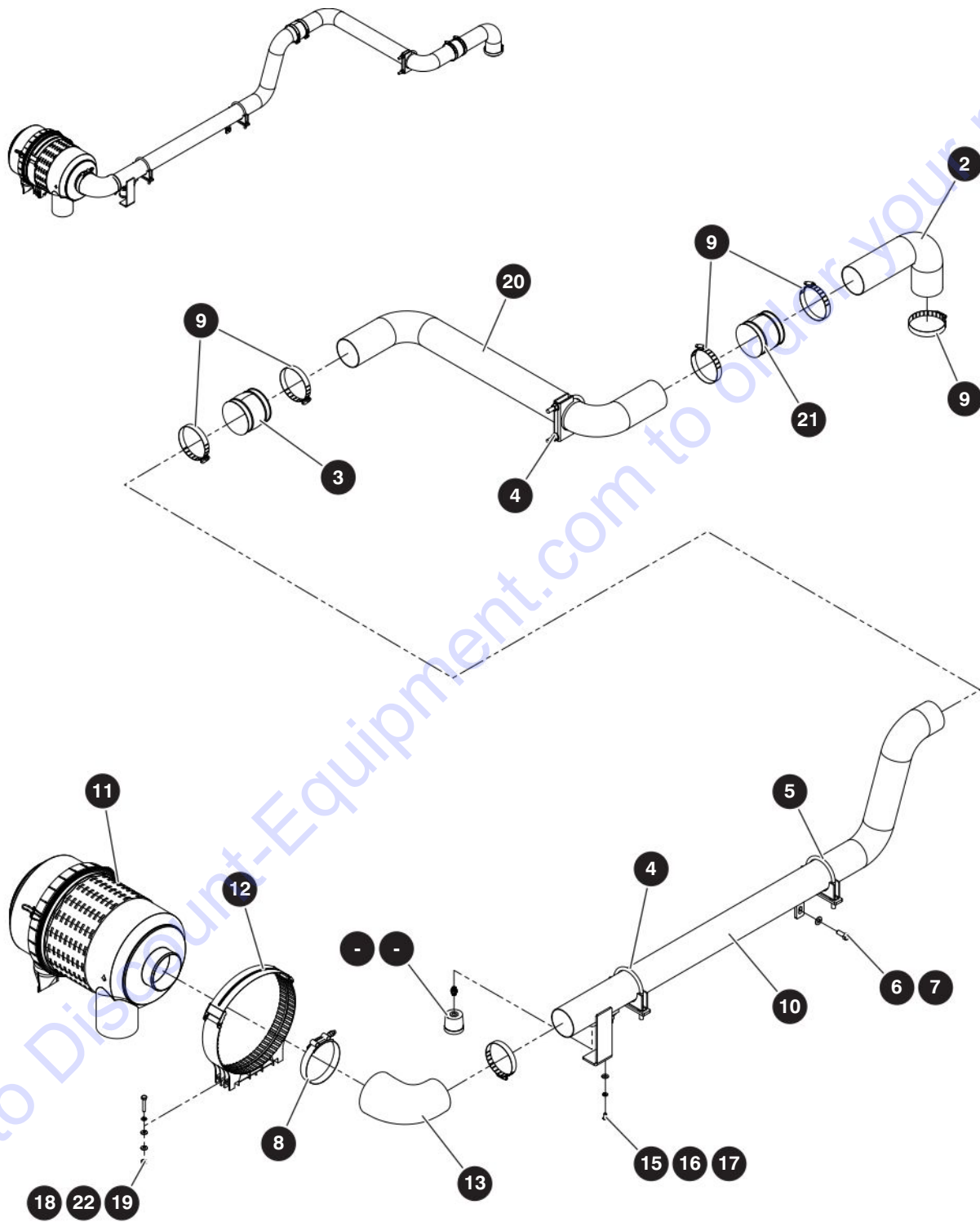
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3.32 Fuel Lines

Index No.	Skyjack Part No.	Qty.	Description
-	9-190056	1	ASSEMBLY, FUEL LINES 3.6L
1	9-116342	4	• GEAR CLAMP #8
2	9-103321	2	• CLAMP, Gear (SAE no.4 - 1/4"-13/16")
3	9-102984	96	• FUEL LINE, 5/16"#47PB-B194
4	9-163509	32	• HOSE 1/2' 300 PSI, General purpose
5	9-163509	150	• HOSE 1/2" 300 PSI, General purpose
6	9-171444	50	• WRAP, Spiral 1" DIA (Not Shown)
7	9-168707	2	• CLAMP, Loop cushioned x 1 DIA(#16)
-	9-191125	1	• ASSEMBLY, FUEL FILTERS
8	9-191338	1	• • WELDMENT, Fuel filter mount
9	9-120094	4	• • SCREW, Round head machine 10-32 x 5/8"
10	9-101297	4	• • BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
11	9-103473	4	• • BOLT, Hex head 3/8"-16 X 1" Gr. 5
12	9-103472	8	• • WASHER Flat 3/8"
13	9-163222	2	• • FUEL HOSE FITTING
14	9-164977	1	• • FITTING, 3/8" fuel hose
15	9-102893	12	• TIEWRAP, Cable, 14-1/2" black (Not Shown)
16	9-166737	54	• HOSE, Fuel line 300 PSI, 3/8" ID
17	9-133241	1	• CLIP, Single S340G26
18	9-119922	5	• TRIM, Protective 1/4"-1/2"
19	9-119922	5	• TRIM, Protective 1/4"-1/2"
20	9-131732	12	• SLLEVE, Nylon hose protection HG-46 (Not Shown)
21	9-102519	2	• CLAMP, Gear #6

3.33 Air Intake System



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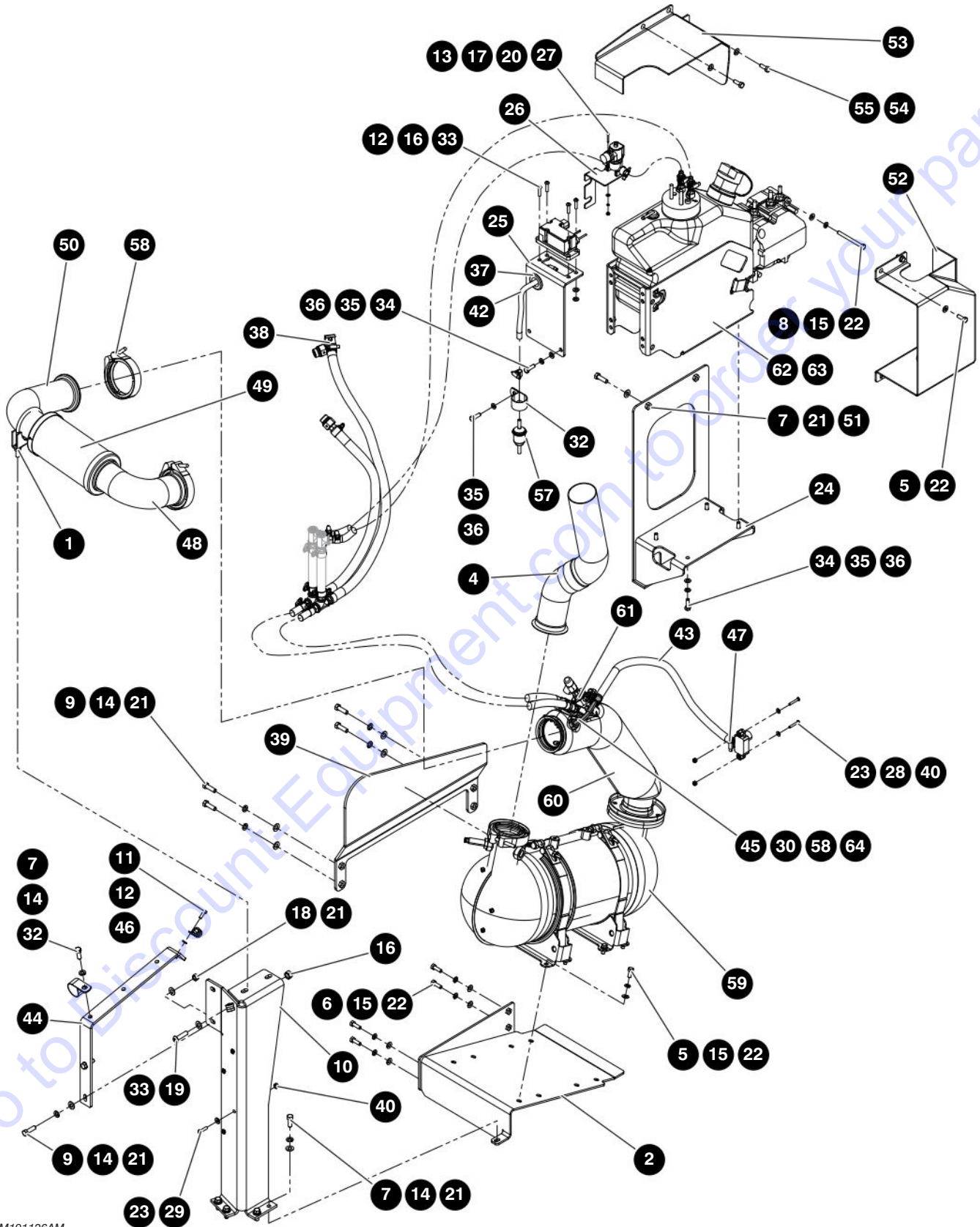
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SKYJACK

3.33 Air Intake System

Index No.	Skyjack Part No.	Qty.	Description
A	9-190635	1	ASSEMBLY, AIR INTAKE 3.6L 107 HP
B	9-223545	1	ASSEMBLY, DEUTZ AIR INTAKE 3.6L 107 HP
1	9-190384	1	• INDICATOR, Service
2	9-232470	1	• TUBE, Air intake, Deutz TCD 3.6 T4F - A
-	9-232471	1	• TUBE, Air intake, Deutz TCD 3.6 T4F 107 HP - B
3	9-190674	1	• CONNECTOR, Straight
4	9-928271	3	• CLAMP 3" Exhaust
5	9-190480	2	• BRACKET, Exhaust support
6	9-103472	4	• WASHER, 3/8" zinc plated
7	9-101632	4	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5
8	9-412578	1	• CLAMP, 4-1/4" - 4-9/16" B9200-0425B
9	9-138666	6	• CLAMP, Hose (3.50)
-	9-191056	1	• ASSEMBLY, Tube air intake, Deutz TCD 3.6 - A
-	9-223544	1	• ASSEMBLY, Tube air intake, Deutz TCD 3.6 - B
11	9-191051	1	• AIR CLEANER, EP500
-	9-197221	1	• • Filter, Primary element
-	9-197222	1	• • Filter, secondary element
12	9-191052	1	• BRACKET, Air cleaner - EP500
13	9-204198	1	• HOSE, Elbow 90°, 3" to 4" reducer
14	9-191734	1	• ADAPTER, Male-male M10X1, male M10X1
15	9-103995	1	• WASHER, Flat zinc 1/4"
16	9-104000	1	• WASHER, Lock 1/4"
17	9-300060	1	• BOLT, button head cap screw 1/4"-20 x 1/2"
18	9-103885	2	• BOLT, Hex head 5/16"-18 x 1-3/4" Gr.
19	9-103984	2	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
20	9-197251	1	• TUBE, Air intake, Deutz TCD 3.6 T4F
-	9-223549	1	• TUBE, Air intake, Deutz TCD 3.6 T4F
21	9-199836	1	• CONNECTOR, 3" ID x 3.4" OD x 6.3" L
22	9-103996	4	• WASHER, 5/16"

3.34 Exhaust Aftertreatment System

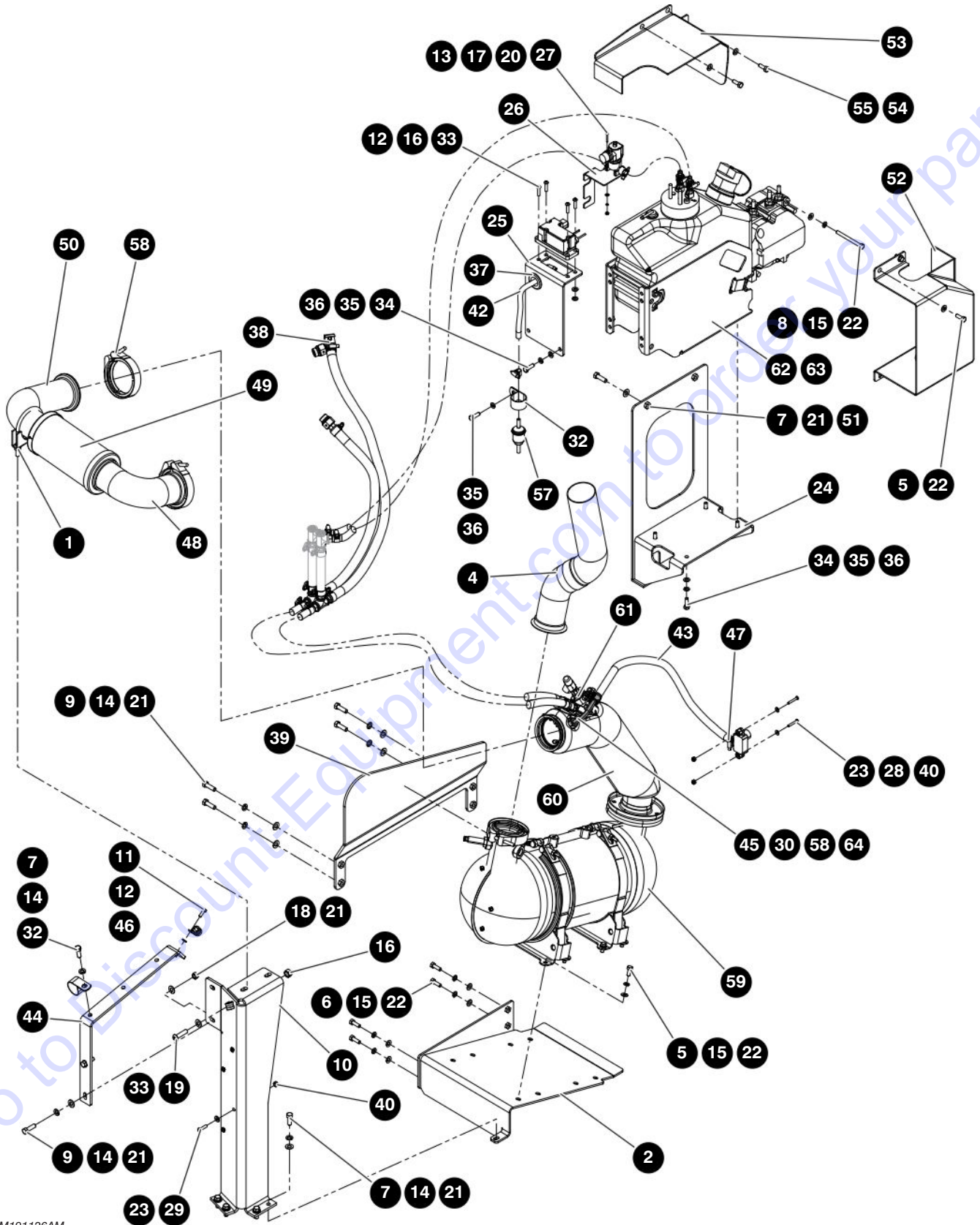


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3.34 Exhaust Aftertreatment System

Index No.	Skyjack Part No.	Qty.	Description
-	9-191126	1	EXHAUST SUBGROUP, 3.6L 107 HP
1	9-928271	1	• CLAMP, 3" Exhaust
2	9-190993	1	• WELDMENT, SCR Bracket
3	9-191036	3	• ADHESIVE, Backed heat barrier (Not shown)
4	9-190941	1	• TUBE, Exhaust tail 3.6L 107HP
5	9-103887	12	• BOLT, Hex head 5/16"-18 X 3/4" Gr. 5
6	9-103864	4	• BOLT, Hex head 5/16"-18 X 1" Gr. 5
7	9-103473	10	• BOLT, Hex head 3/8"-16 X 1" Gr. 5
8	9-103868	3	• BOLT, Hex head 5/16"-18 X 3" Gr. 5
9	9-101297	6	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
10	9-190958	1	• SUPPORT, Pipe weldment
11	9-103856	1	• BOLT, Hex head 1/4"-20 X 3/4" Gr. 5
12	9-104000	5	• WASHER, Lock 1/4"
13	9-106099	4	• WASHER, Lock #6
14	9-103999	14	• WASHER, Lock 3/8"
15	9-103404	15	• WASHER, Lock 5/16"
16	9-103980	5	• NUT, Hex head 1/4"-20 Gr. 8
17	9-103985	4	• NUT, Hex 6-32
18	9-103978	2	• NUT, Hex 3/8"-16 Gr. 5
19	9-103995	1	• WASHER, Flat 1/4"
20	9-191833	4	• WASHER, Flat #6
21	9-103472	20	• WASHER Flat 3/8"
22	9-103996	15	• Washer Flat 5/16"
23	9-104694	6	• Washer Flat #10
24	9-191418	1	• WELDMENT, Def tank mount
25	9-191759	1	• BRACKET, Def heater mount
26	9-191780	1	• BRACKET, Def solenoid valve
27	9-103956	4	• SCREW, Round head machine 6-32 x 1"
28	9-103961	2	• SCREW, Round head machine 10-24 x 1-1/4"
29	9-151155	4	• SCREW, Round head machine 10-24 x 1"
30	9-204231	1	• RING, Cutting
31	9-103321	2	• CLAMP, Gear (SAE NO.4 - 1/4"-13/16")
32	9-133241	1	• CLIP, Single S340G26
33	9-702911	4	• BOLT, Button head cap screw 1/4"0-20 x 1
34	9-933832	2	• WASHER, Flat M8 - OD 16.0
			Part list continued in following page

3.34 Exhaust Aftertreatment System

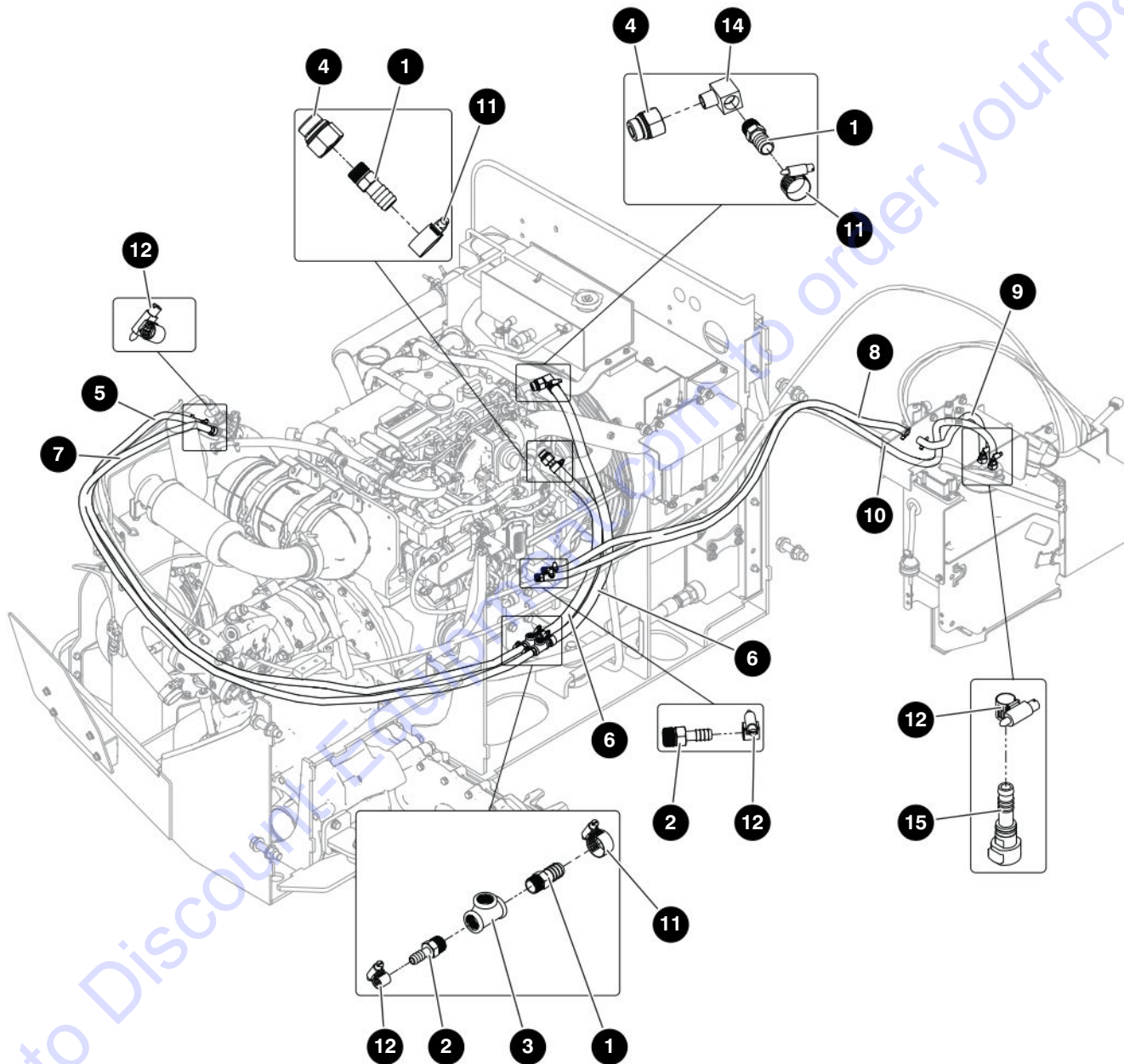


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3.34 Exhaust Aftertreatment System

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
35	9-116218	3	• WASHER, Lock M8-Plated DIN 127B
36	9-933655	3	• BOLT, hex head cap screw M8 - 1-1/4" x 25 CL 8.8 YE
37	9-144294	1	• GROMMET, Rubber 1" ID x 1-3/8" OD x 3/16"
38	9-191775	1	• ASSEMBLY, SCR coolant hoses install
39	9-191784	1	• WELDMENT, SCR guard
40	9-126642	6	• NUT, Lock with nylon insert 10-24 Gr. 5
41	9-102893	20	• TIEWRAP CABLE, 14-1/2" Black
42	9-165739	1	• HOSE, GM Engine rad, overflow
43	9-163509	26"	• HOSE, Fuel line 3/8" ID, 300 PSI
44	9-197420	1	• BRACKET, Def line support
45	9-204229	1	• TUBE, SS 12mm OD
46	9-103024	1	• CLAMP, Single clip G8
47	9-116342	2	• CLAMP, Gear #8
-	9-190966	1	• WELDMENT, Pipe DOC to SCR
48	9-190964	1	• • PIPE, Doc to Flex
49	9-190963	1	• • PIPE, Flex 10"
50	9-190965	1	• • PIPE, Flex to SCR
51	9-104606	2	• NUT, Lock with nylon insert 3/8"-16 gr5
-	9-199826	1	• ASSEMBLY, Cover exhaust - 107HP
52	9-191443	1	• • COVER, DEF supply module
53	9-191444	1	• • COVER, DEF tank
54	9-125959	3	• • BOLT, Hex head 3/8"-16 x 3/4 Gr. 5
55	9-101632	3	• • WASHER, Flat 3/8" Hard
56	9-204230	1	• NUT, Upper union
57	9-139254	1	FILTER, In-line fuel
58	9-190481	3	CLAMP, V-band 3"
59	9-197167	1	CATALYTIC CONVERTER, Selective Catalytic Reduction System
60	9-197169	1	Mixing tube
61	9-197170	1	Metering unit
62	9-197171	1	TANK/RESERVOIR
	9-221397	1	• PUMP, DEF Supply
	9-223182	1	• FILTER, DEF
	9-223183	1	• LINE, DEF
	9-223189	1	• LINE, DEF 2
	9-223190	1	• LINE, DEF 3
	9-223186	1	• VALVE, Solenoid
63	9-197172	1	Level transmitter
64	9-168707	1	CLAMP, Loop cushioned x 1" DIA

3.35 DEF Lines



M191775AG

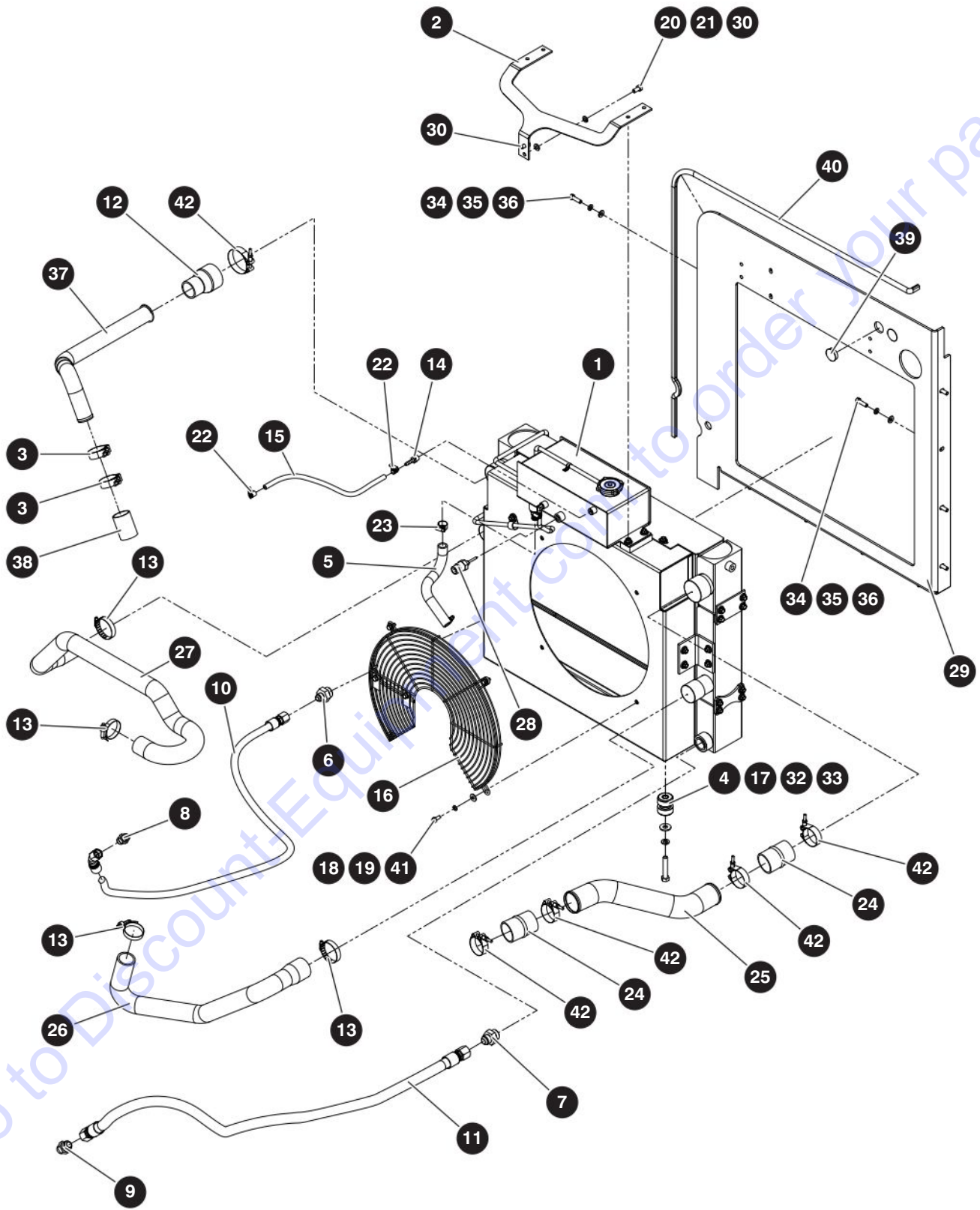
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3.35 DEF Lines

Index No.	Skyjack Part No.	Qty.	Description
-	9-191775	1	DEF LINES
1	9-191771	6	• HOSE FITTING, 3/8 NPT, 5/8 HOSE
2	9-191770	6	• HOSE FITTING, 3/8 NPT, 5/8 HOSE
3	9-191769	4	• TEE, BRASS 3/8 NPT
4	9-191772	2	• ADAPTER M22X1.5 TO 3/8 NPT /W ORING
5	9-166737	80	• HOSE 300 PSI- 3/8"
6	9-191774	4	• HOSE 5/8" ID, 300 PSI
7	9-166737	81	• HOSE 300 PSI - 3/8"
8	9-166737	52	• HOSE 300 PSI - 3/8"
9	9-166737	13	• HOSE 300 PSI - 3/8"
10	9-166737	66	• HOSE 300 PSI - 3/8"
11	9-102854	8	• GEAR CLAMP #12
12	9-116342	10	• CLAMP, HOSE (0.50)
13	9-102893	20	• TIEWRAP CABLE, 14.5" BLACK
14	9-413158	1	• BRASS 90 ELBOW 3/8
15	9-213600	2	• QUICK CONNECTOR, STRAIGHT
16	9-233208	1	HOSE, DEF to SCR (Not shown)

3.36 Cooling Package Style A



M191200AC

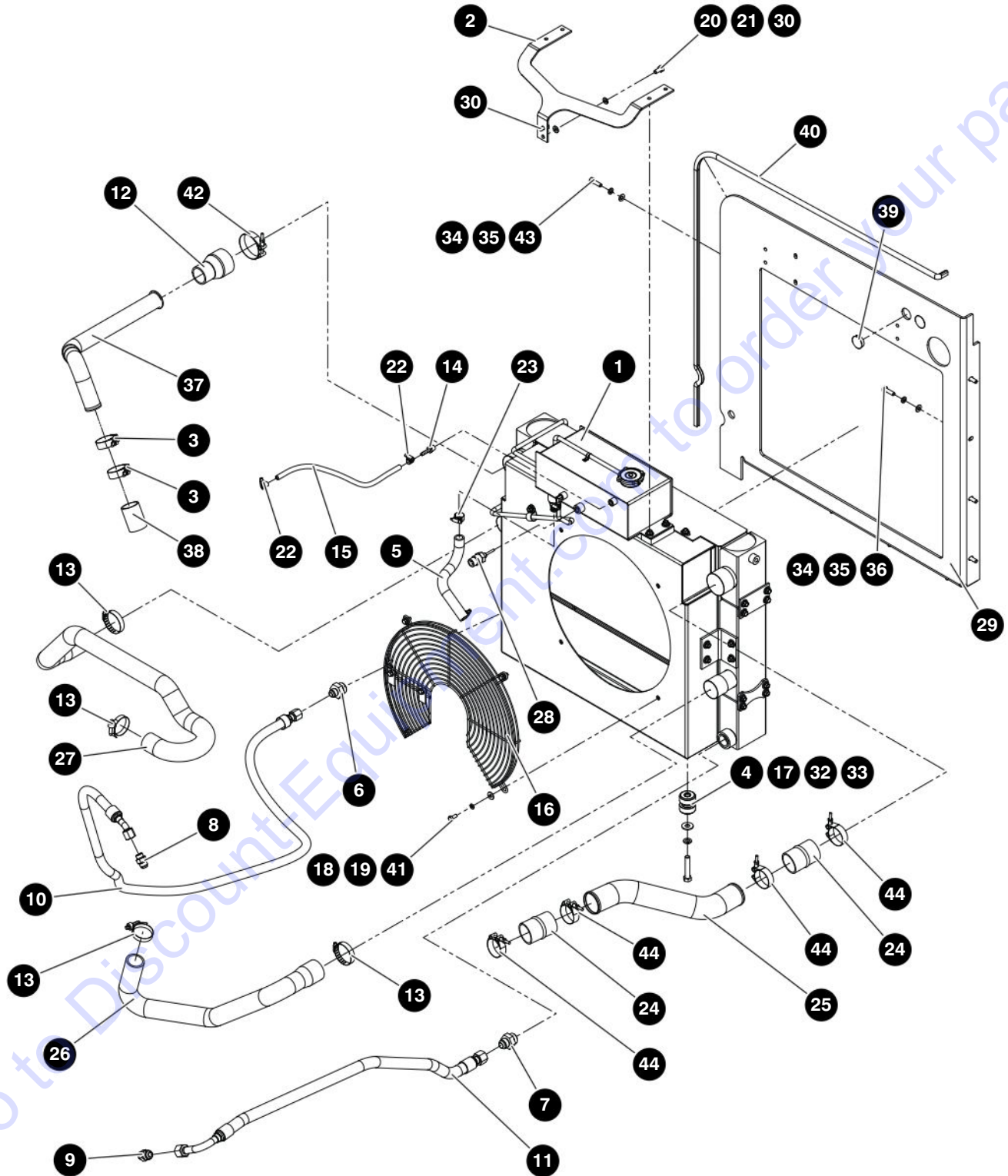
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3.36 Cooling Package Style A

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	For serial numbers 87410201 and below
-	9-191200	1	ASSEMBLY, COOLER SUBGROUP 3.6L 107 HP
1	(Ref.)	1	<ul style="list-style-type: none"> ASSEMBLY, Cooler, 3.6 DEUTZ T4F (For components, refer to Section 3.38)
2	9-190721	1	<ul style="list-style-type: none"> BRACKET, Cooler mounting - 3.6L
3	9-197229	3	<ul style="list-style-type: none"> CLAMP, T-BOLT 2.120DIA-2.240DIA
4	9-190428	2	<ul style="list-style-type: none"> ISOLATOR, 46.4MM, , 51.21MM, 1/2-13
5	9-191844	1	<ul style="list-style-type: none"> HOSE, Suction - 3.6L
6	9-160801	1	<ul style="list-style-type: none"> FITTING, (16 ORBM TO 10 JICM)
7	9-702122	1	<ul style="list-style-type: none"> FITTING, (16 ORBM TO 12 JICM)
8	9-137630	1	<ul style="list-style-type: none"> FITTING, (10 ORBM TO 10 JICM)
9	9-702118	1	<ul style="list-style-type: none"> FITTING, (12 ORBM TO 12 JICM)
10	9-H321000500	1	<ul style="list-style-type: none"> HOSE - Transmission to oil cooler
11	9-H311200600	1	<ul style="list-style-type: none"> HOSE - Oil cooler to transmission
12	9-190887	1	<ul style="list-style-type: none"> REDUCER, 2-1/2" to 1-3/4" charge air hot side
13	9-163193	4	<ul style="list-style-type: none"> CLAMP, Gear 2.063" - 3.00"
14	9-166176	1	<ul style="list-style-type: none"> FITTING, Hose barb, 1/4" NPTX5/16" hose
15	9-165739	18	<ul style="list-style-type: none"> HOSE, Engine vent
16	9-191285	1	<ul style="list-style-type: none"> FAN GUARD 18"
17	9-104379	2	<ul style="list-style-type: none"> WASHER, Flat 1/2" Hard
18	9-103887	4	<ul style="list-style-type: none"> BOLT, Hex head 5/16"-18 x 3/4" Gr. 5
19	9-103404	4	<ul style="list-style-type: none"> WASHER, Lock 5/16"
20	9-933833	2	<ul style="list-style-type: none"> WASHER, Flat M10-OD 20.0
21	9-130884	2	<ul style="list-style-type: none"> WASHER Lock M10-Plated DIN 127B
22	9-116342	4	<ul style="list-style-type: none"> CLAMP, HOSE (1/2")
23	9-103320	2	<ul style="list-style-type: none"> CLAMP, HOSE (1")
24	9-164129	2	<ul style="list-style-type: none"> HUMP HOSE - 2-1/2"ID - 4" long
25	9-191124	1	<ul style="list-style-type: none"> CAC TUBE, Cooler to air return
26	9-191278	1	<ul style="list-style-type: none"> RADIATOR HOSE, Suction
27	9-191273	1	<ul style="list-style-type: none"> RADIATOR HOSE, Thermostat to cooler
28	9-165058	1	<ul style="list-style-type: none"> SENSOR, Coolant level
29	9-190774	1	<ul style="list-style-type: none"> BAFFLE, 3.6L Deutz T4F
30	9-933640	2	<ul style="list-style-type: none"> BOLT, Hex head M10 x 1-1/2" x 20mm CL 8.8 YE
31	9-924699	120	<ul style="list-style-type: none"> WRAP, Spiral
32	9-103470	2	<ul style="list-style-type: none"> WASHER, Lock 1/2" Gr. 5
33	9-123855	2	<ul style="list-style-type: none"> BOLT, Hex head 1/2"-13 x 2-3/4" Gr. 8
34	9-125959	9	<ul style="list-style-type: none"> WASHER, Flat 3/8" Hard
35	9-103999	9	<ul style="list-style-type: none"> WASHER, Lock 3/8"
36	9-101297	9	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 x 1-1/4" Gr. 5
37	9-191714	1	<ul style="list-style-type: none"> CAC TUBE, Turbo to cooler
38	9-190426	1	<ul style="list-style-type: none"> COUPLING, CAC, 44.45 ID X 70
39	9-197539	2	<ul style="list-style-type: none"> PLUG, Snap in for 1-3/8" hole
40	9-119922	65	<ul style="list-style-type: none"> PROTECTIVE TRIM, 1/4-1/2"
41	9-166164	4	<ul style="list-style-type: none"> WASHER, Flat standard 5/16"
42	9-149493	5	<ul style="list-style-type: none"> CLAMP, T-Bolt (2.81-3.09)

3.37 Cooling Package Style A for CVT



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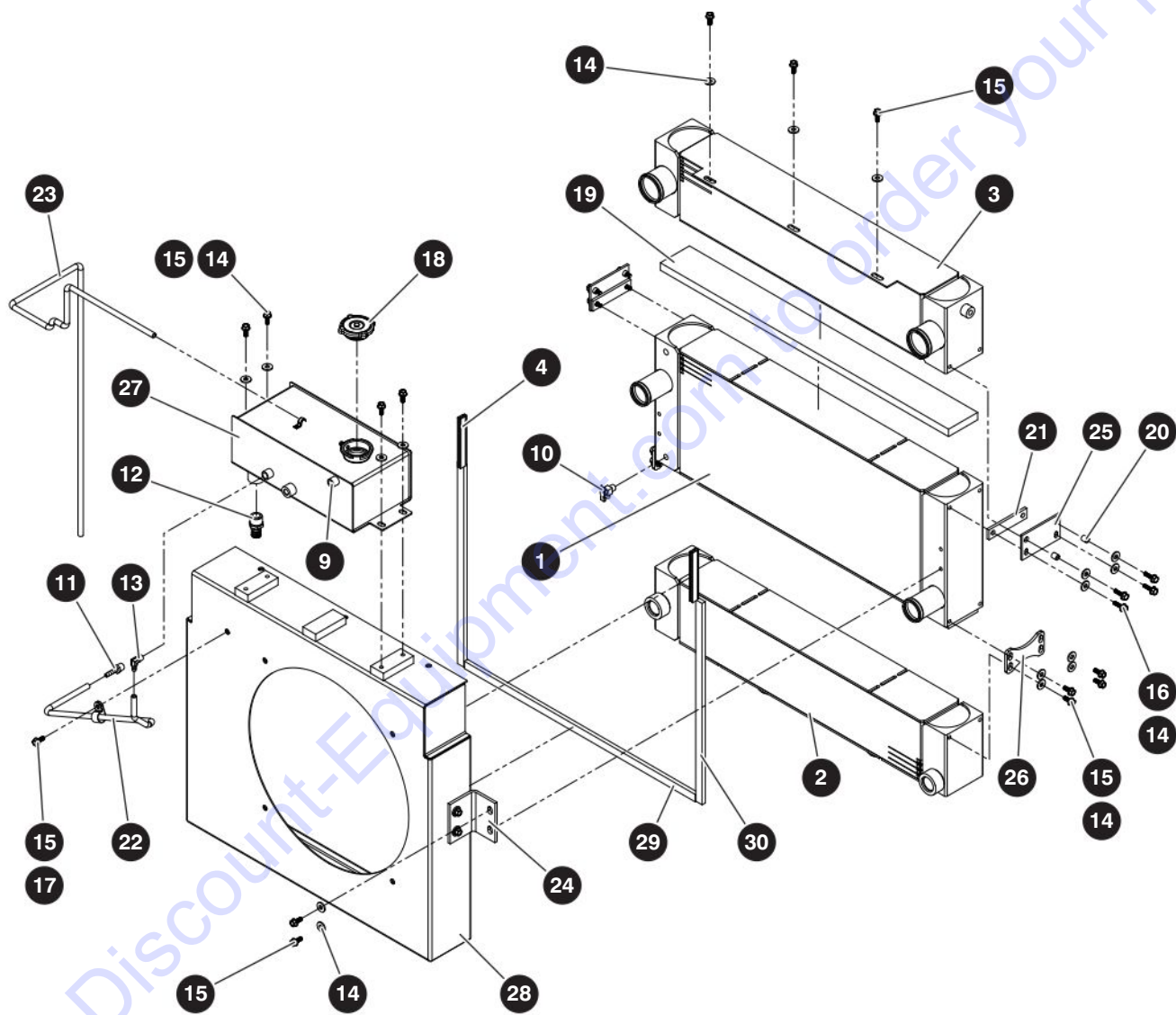
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SKYJACK

3.37 Cooling Package Style A for CVT

Index No.	Skyjack Part No.	Qty.	Description
-	9-216749	1	ASSEMBLY, COOLER SUBGROUP 3.6L 107 HP
1	(Ref.)	1	<ul style="list-style-type: none"> ASSEMBLY, Cooler, 3.6 DEUTZ T4F (For components, refer to Section 3.15)
2	9-190721	1	<ul style="list-style-type: none"> BRACKET, Cooler mounting - 3.6L
3	9-197229	3	<ul style="list-style-type: none"> CLAMP, T-BOLT 2.120DIA-2.240DIA
4	9-190428	2	<ul style="list-style-type: none"> ISOLATOR, 46.4MM, , 51.21MM, 1/2-13
5	9-191844	1	<ul style="list-style-type: none"> HOSE, Suction - 3.6L
6	9-160801	1	<ul style="list-style-type: none"> FITTING, (16 ORBM TO 10 JICM)
7	9-702122	1	<ul style="list-style-type: none"> FITTING, (16 ORBM TO 12 JICM)
8	9-137630	1	<ul style="list-style-type: none"> FITTING, (10 ORBM TO 10 JICM)
9	9-702118	1	<ul style="list-style-type: none"> FITTING, (12 ORBM TO 12 JICM)
10	9-H321000650	1	<ul style="list-style-type: none"> HOSE - Transmission to oil cooler
11	9-H361200570	1	<ul style="list-style-type: none"> HOSE - Oil cooler to transmission
12	9-190887	1	<ul style="list-style-type: none"> REDUCER, 2-1/2" to 1-3/4" charge air hot side
13	9-163193	4	<ul style="list-style-type: none"> CLAMP, Gear 2.063" - 3.00"
14	9-166176	1	<ul style="list-style-type: none"> FITTING, Hose barb, 1/4" NPTX5/16" hose
15	9-165739	18	<ul style="list-style-type: none"> HOSE, Engine vent
16	9-191285	1	<ul style="list-style-type: none"> FAN GUARD 18"
17	9-104379	2	<ul style="list-style-type: none"> WASHER, Flat 1/2" Hard
18	9-103887	4	<ul style="list-style-type: none"> BOLT, Hex head 5/16"-18 x 3/4" Gr. 5
19	9-103404	4	<ul style="list-style-type: none"> WASHER, Lock 5/16"
20	9-933833	2	<ul style="list-style-type: none"> WASHER, Flat M10-OD 20.0
21	9-130884	2	<ul style="list-style-type: none"> WASHER Lock M10-Plated DIN 127B
22	9-116342	4	<ul style="list-style-type: none"> CLAMP, HOSE (1/2")
23	9-103320	2	<ul style="list-style-type: none"> CLAMP, HOSE (1")
24	9-164129	2	<ul style="list-style-type: none"> HUMP HOSE - 2-1/2"ID - 4" long
25	9-191124	1	<ul style="list-style-type: none"> CAC TUBE, Cooler to air return
26	9-191278	1	<ul style="list-style-type: none"> RADIATOR HOSE, Suction
27	9-191273	1	<ul style="list-style-type: none"> RADIATOR HOSE, Thermostat to cooler
28	9-165058	1	<ul style="list-style-type: none"> SENSOR, Coolant level
29	9-190774	1	<ul style="list-style-type: none"> BAFFLE, 3.6L Deutz T4F
30	9-933640	2	<ul style="list-style-type: none"> BOLT, Hex head M10 x 1-1/2" x 20mm CL 8.8 YE
31	9-924699	120	<ul style="list-style-type: none"> WRAP, Spiral
32	9-103470	2	<ul style="list-style-type: none"> WASHER, Lock 1/2" Gr. 5
33	9-123855	2	<ul style="list-style-type: none"> BOLT, Hex head 1/2"-13 x 2-3/4" Gr. 8
34	9-125959	9	<ul style="list-style-type: none"> WASHER, Flat 3/8" Hard
35	9-103999	9	<ul style="list-style-type: none"> WASHER, Lock 3/8"
36	9-101297	9	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 x 1-1/4" Gr. 5
37	9-191714	1	<ul style="list-style-type: none"> CAC TUBE, Turbo to cooler
38	9-190426	1	<ul style="list-style-type: none"> COUPLING, CAC, 44.45 ID X 70
39	9-197539	2	<ul style="list-style-type: none"> PLUG, Snap in for 1-3/8" hole
40	9-119922	65	<ul style="list-style-type: none"> PROTECTIVE TRIM, 1/4-1/2"
41	9-166164	4	<ul style="list-style-type: none"> WASHER, Flat standard 5/16"
42	9-149493	5	<ul style="list-style-type: none"> CLAMP, T-Bolt (2.81-3.09)

3.38 Cooler - Internal Breakdown



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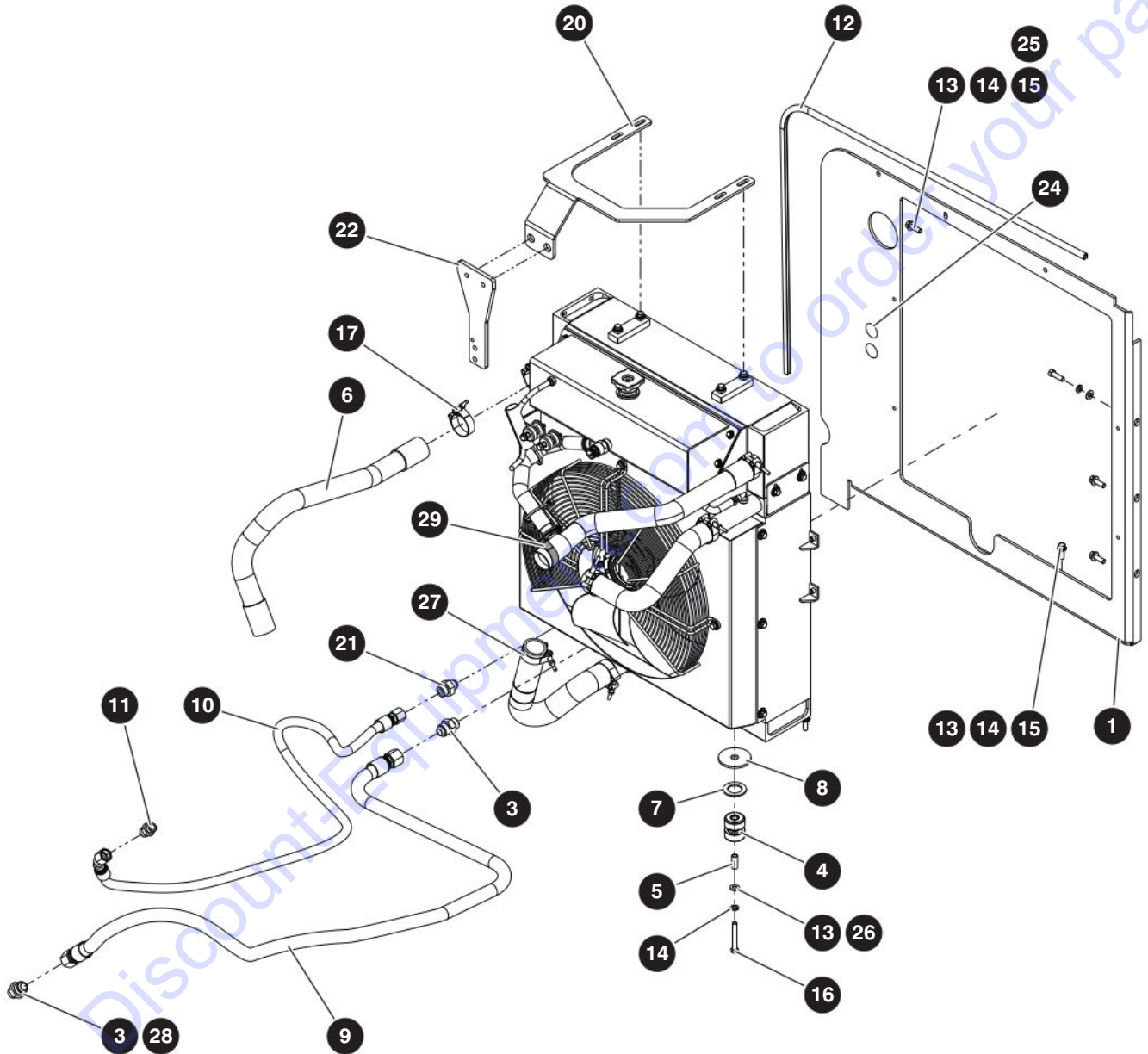
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3.38 Cooler - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	For serial numbers 87410201 and below
-	9-190683	1	ASSEMBLY, COOLER 3.6
1	9-197137	1	• RADIATOR
2	9-197138	1	• TRANSMISSION OIL COOLER
3	9-197139	1	• CHARGE AIR COOLER
4	9-168147	2	• SEAL, LOCKING PROFILE
5	9-197141	2	• PLUG, Plastic
6	9-168137	2	• CAP, VINYL PROTECTION
7	9-168136	2	• CAP, VINYL PROTECTIVE
8	9-168144	1	• CAP, VINYL PROTECTIVE
9	9-197142	2	• PLUG, Plastic (Tapered)
10	9-197143	1	• FITTING, Drain 1/4" NTP x 90d
11	9-197144	1	• BARB, Hose 1/4" NTP
12	9-197145	1	• HOSE BARB, 3/4" NTP x 3/4" hose ID
13	9-197146	1	• HOSE BARB, 90D 5/16" hose x 1/4" NTP
14	9-197147	31	• WASHER, Flat 5/16" x 7/8" OD Gr. 5
15	9-197148	24	• BOLT, Hex 5/16"-18 x 3/4" Gr. 5
16	9-197149	8	• BOLT, Hex 5/16"-18 x 1" Gr. 5
17	9-197150	1	• CLAMP, Hose 3/4"
18	9-197151	1	• CAP, Radiator, 15 PSI medium
19	9-197152	2	• SEALING FOAM
20	9-197153	4	• BUSHING, 12mm OD x 13 mm long
21	9-197154	2	• SPACER BLOCK
22	9-166172	1	• 5/16" ID X 5/8" OD HOSE VENT
23	9-168135	1	• HOSE, 5/16" ID X 7/16 OD (OVERFLOW)
24	9-197155	2	• BRACKET, MTG L shape
25	9-197156	2	• MTG PLATE - 113
26	9-197157	2	• MTG PLATE - 113 DB
27	9-197158	1	• SURGE TANK
28	9-197159	1	• SHROUD
29	9-197166	1	• FOAM INSULATION 689MM
30	9-197166	2	• FOAM INSULATION 689MM
31	9-197140	1	• LABEL, AKG cooler

3.39 Cooling Package Style B



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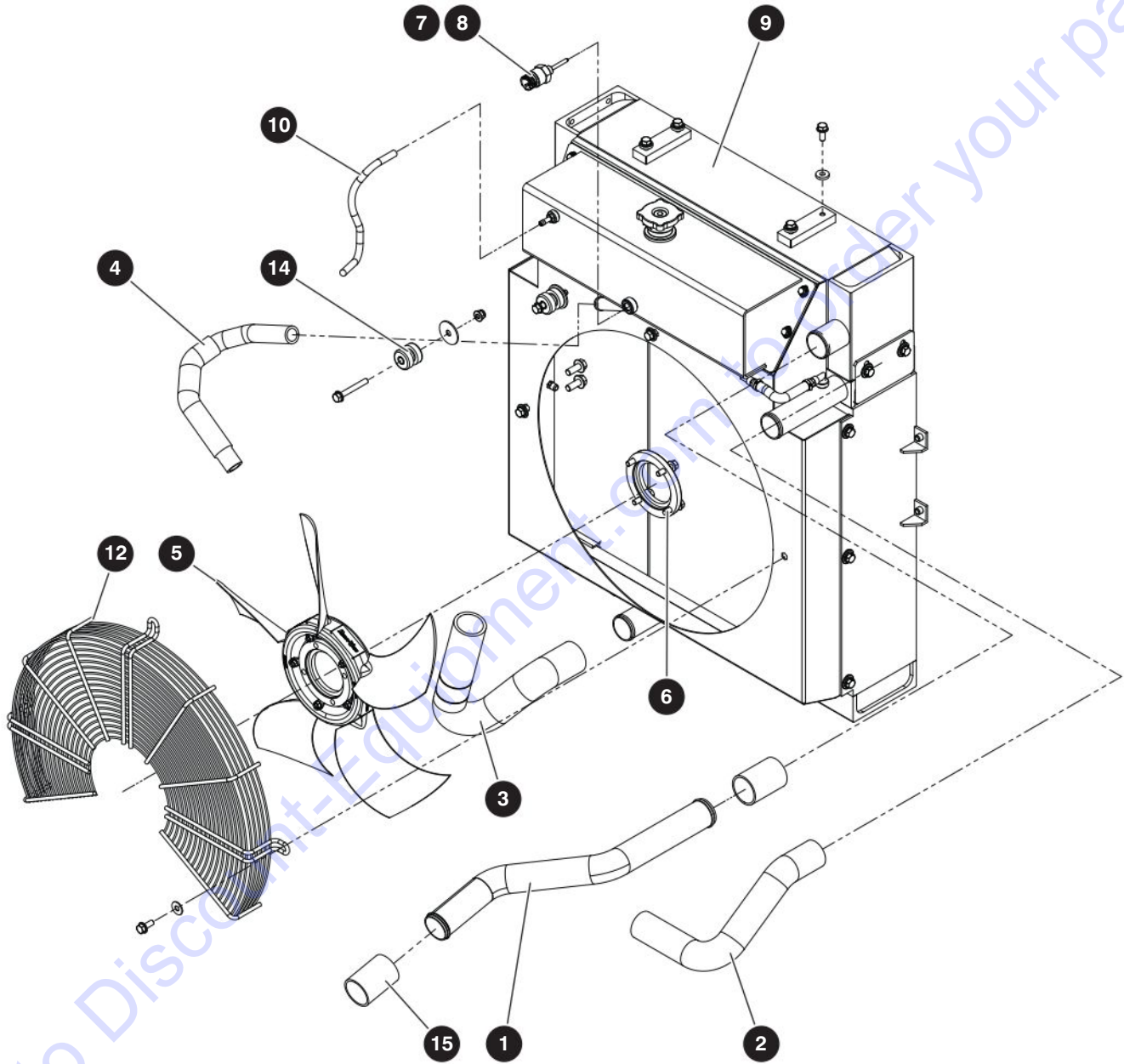
SJ1256 THS

SKYJACK

3.39 Cooling Package Style B

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	For machines with serial number 87210074 or 87310923 and above
A	9-223523	1	ASSEMBLY, COOLER SUBGROUP DEUTZ 3.6L 107 HP
B	9-223223	1	ASSEMBLY, COOLER SUBGROUP DEUTZ 3.6L 107 HP WITH CVT
1	9-223529	1	BAFFLE, 3.6L DEUTZ T4F
2	9-223524	1	DEUTZ COOLING PACKAGE – TCD 3.6- 107 HP
3	702118	2	FITTING, 12 ORBM TO 12 JICM
4	190428	2	ISOLATOR, 46.4MM, , 51.21MM, 1/2-13
5	223209	2	SLEEVE, 0.502" OD X 0.375" ID
6	223526	1	CAC TUBE ASSEMBLY
7	158681	2	WASHER FLAT 1.25 HARD
8	190889	2	WASHER, REBOUND
9	H311200820	1	HOSE - OIL COOLER TO TRANSMISSION - A
	H361200690	1	HOSE - OIL COOLER TO TRANSMISSION - B
10	H321000500	1	HOSE - TRANSMISSION TO OIL COOLER - A
	H321000650	1	HOSE - TRANSMISSION TO OIL COOLER - B
11	137630	1	FITTING, 10 ORBM TO 10 JICM
12	119922	65	PROTECTIVE TRIM, 1/4-1/2"
13	125959	10	WASHER FLAT 0.375 HARD - A
	152200	8	WASHER, FLAT 0.375 USS - B
14	103999	10	WASHER, LOCK 0.375
15	101297	8	BOLT-HEX HD/ZINC (.38-16 X 1.25 / GR5) - A
	101297	4	BOLT-HEX HD/ZINC (.38-16 X 1.25 / GR5) - B
16	103874	2	BOLT, HXHD 0.375-16 X 2.750 GR5
17	197229	12	CLAMP, T-BOLT 2.120DIA-2.240DIA - A
	197229	5	CLAMP, T-BOLT 2.120DIA-2.240DIA - B
18	103320	2	CLAMP - GEAR (SAE NO. 16 -)
19	924699	120	SPIRAL WRAP
20	223213	1	BRACKET, RADIATOR MOUNT
21	137490	1	FTG, 12 ORBM TO 10 JICM
22	223216	1	PLATE, RADIATOR SUPPORT
23	148368	96	FOAM SEAL - #1441 (2" X 2") - A (Not shown)
	148368	81	FOAM SEAL - #1441 (2" X 2") - B (Not shown)
24	197539	2	PLUG, SNAP IN FOR 1.38" HOLE - B
25	103473	4	BOLT-HEX HD/ZINC (.38-16 X 1.00 / GR5) - B
26	127067	2	WASHER, FLAT 0.375 STYLE BB - B
27	133222	4	CLAMP, HOSE (2.00) - B
28	138668	1	FTG, 10 ORBM TO 12 JICM - B
29	164171	1	CLAMP, T-BOLT 2.50-2.78 - B

3.40 Cooling Package Style B - Internal Breakdown



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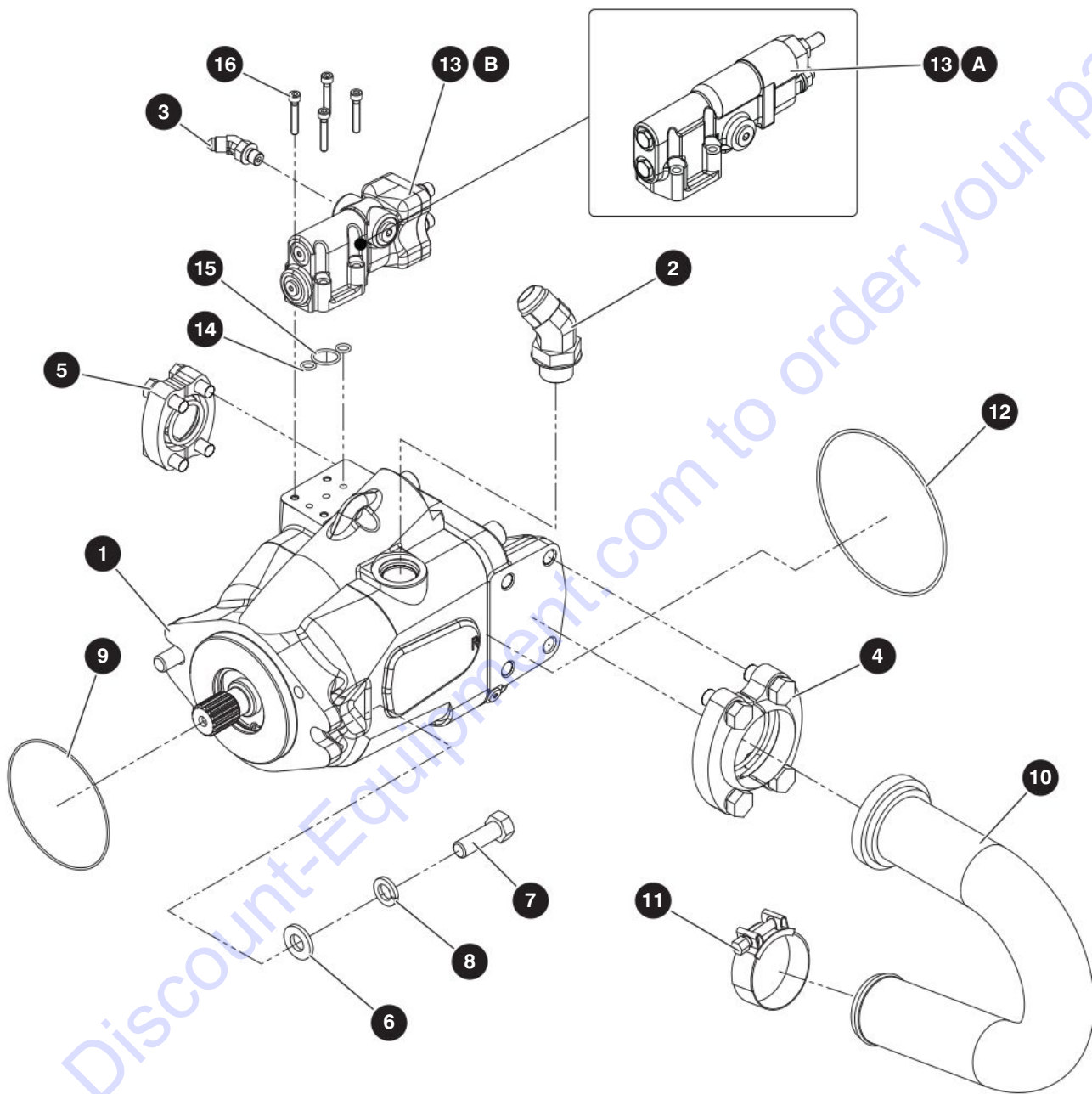
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SKYJACK

3.40 Cooling Package Style B - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	For serial numbers 87410202 and above
-	9-223524	1	COOLING PACKAGE STYLE B FOR 107 HP ENGINE
1	9-223659	1	Upper CAC Molded Tube
2	9-223668	1	Hose, coolant, upper
3	9-223669	1	Hose, coolant, lower
4	9-223670	1	Hose, compensation
5	9-223661	1	Fan, 10-Blade, Suction
6	9-223658	1	Fan Spacer, 10MM
7	9-223674	1	LEVEL SWITCH
8	9-223673	1	SEALING RING
9	9-223667	1	Cooling package
10	9-223662	1	Hose, 5/16"
11	9-223666	1	Protective sleeve 1.22 dia. ID (Not shown)
12	9-223675	1	Wire fan guard, loose
13	9-223657	1	Foil Heat Cable Wrap, 1"Dia. 1" Length (Not Shown)
14	9-223664	2	Mount, isolator
15	9-223671	2	Sleeve, Connecting, 1-3/4"x4"

3.41 Powershift Transmission Hydraulic Pump



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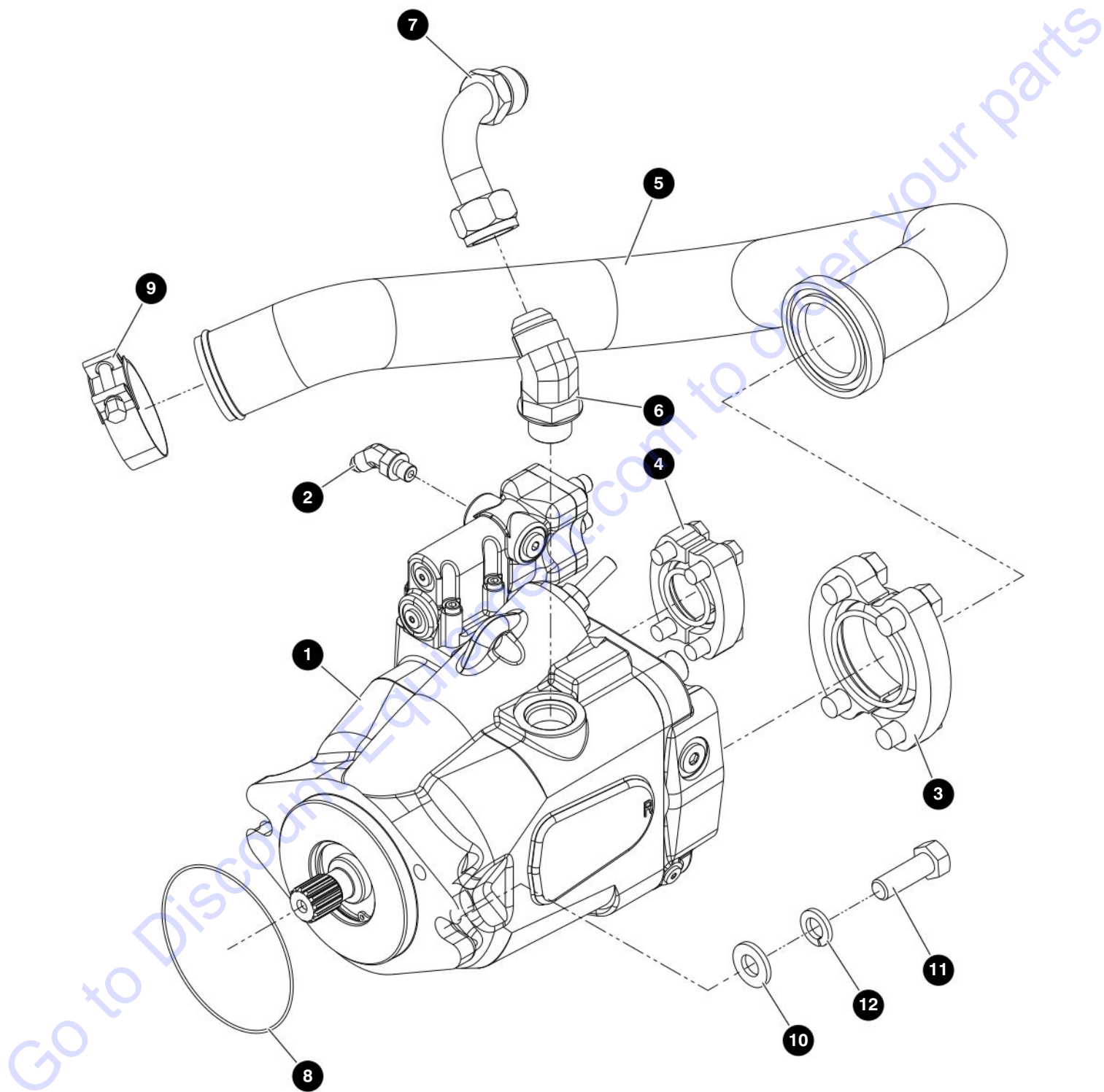
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SKYJACK

3.41 Powershift Transmission Hydraulic Pump

Index No.	Skyjack Part No.	Qty.	Description
-	9-205479	1	ASSEMBLY, HYDRAULIC PUMP
1	9-205221	1	• PUMP - A
	9-206288	1	• PUMP - B
2	9-131707	1	• FITTING, 45° (12 JICM - 12 ORBM)
3	9-131716	1	• FITTING, 45° (04 JICM - 04 ORBM)
4	9-932906	1	• ADAPTER
5	9-930923	1	• FLANGE, Split
6	9-104379	2	• WASHER, Flat 1/2" hard
7	9-103907	2	• BOLT, Hex head 1/2"-13 X 1-1/2" Gr. 5
8	9-103470	2	• WASHER, Lock 1/2" Gr. 5
9	9-159878	1	• O-RING, 2-045
10	9-190888	1	• TUBE, Suction #32
11	9-191846	1	• CLAMP, Hose Mikalor 59-63
12	9-196903	1	O-ring (End Pilot Cover)
13	9-196918	1	Compensator - A
-	9-223655	1	Compensator - B
14	9-196919	2	O-ring (Compensator/Housing)
15	9-196920	1	O-ring (Secondary Compensator/Housing)
16	9-196921	4	Screw, Cap (Compensator Mounting)

3.42 CVT Hydraulic Pump



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SKYJACK

3.42 CVT Hydraulic Pump

Index No.	Skyjack Part No.	Qty.	Description
-	9-220109	1	HYDRAULIC PUMP, SUB GROUP - CVT
1	9-220104	1	• PUMP, REAT PORT 62.3CC -CVT
2	9-131716	1	• FITTING-45D (04JICM-04ORBM)
3	9-932906	1	• SPLIT FLANGE SAE - 32
4	9-930923	1	• SPLIT FLANGE SAE -16
5	9-216752	1	• TUBE, SUCTION #32
6	9-131707	1	• FITTING-45D (12JICM-12ORBM)
7	9-139159	1	• FITTING, FITTING-90D (SWEPT 12 JICM-12JICF SW)
8	9-159878	1	• O - RING 2-045
9	9-191846	1	• HOSE CLAMP, MIKALOR 59-63
10	9-191096	2	• WASHER, FLAT M14 DIN125A ZN
11	9-933710	2	• BOLT, HXHD M14 x 2 x 40MM CL 10.9 ZP
12	9-138738	2	• WASHER LOCK M14-PLATED DIN 127B

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Section 4 – Operator's Compartment

4.1 Cab Installation

4.2 Open Cab

4.3 Open Cab Side Window

4.4 Right Hand Console

4.5 Joystick Control

4.6 Joystick Control - Internal Breakdown

4.7 Premium Joystick

4.8 Front Console

4.9 LH Dash Panel

4.10 Flip Chart

4.11 RH Dash Panel

4.12 Steering Console

4.13 Main Relay

4.14 Fuse and Power

4.15 Relay RH

4.16 Enclosed Cab

4.17 Door Assembly

4.18 Cab Heater System

4.19 Cab A/C System

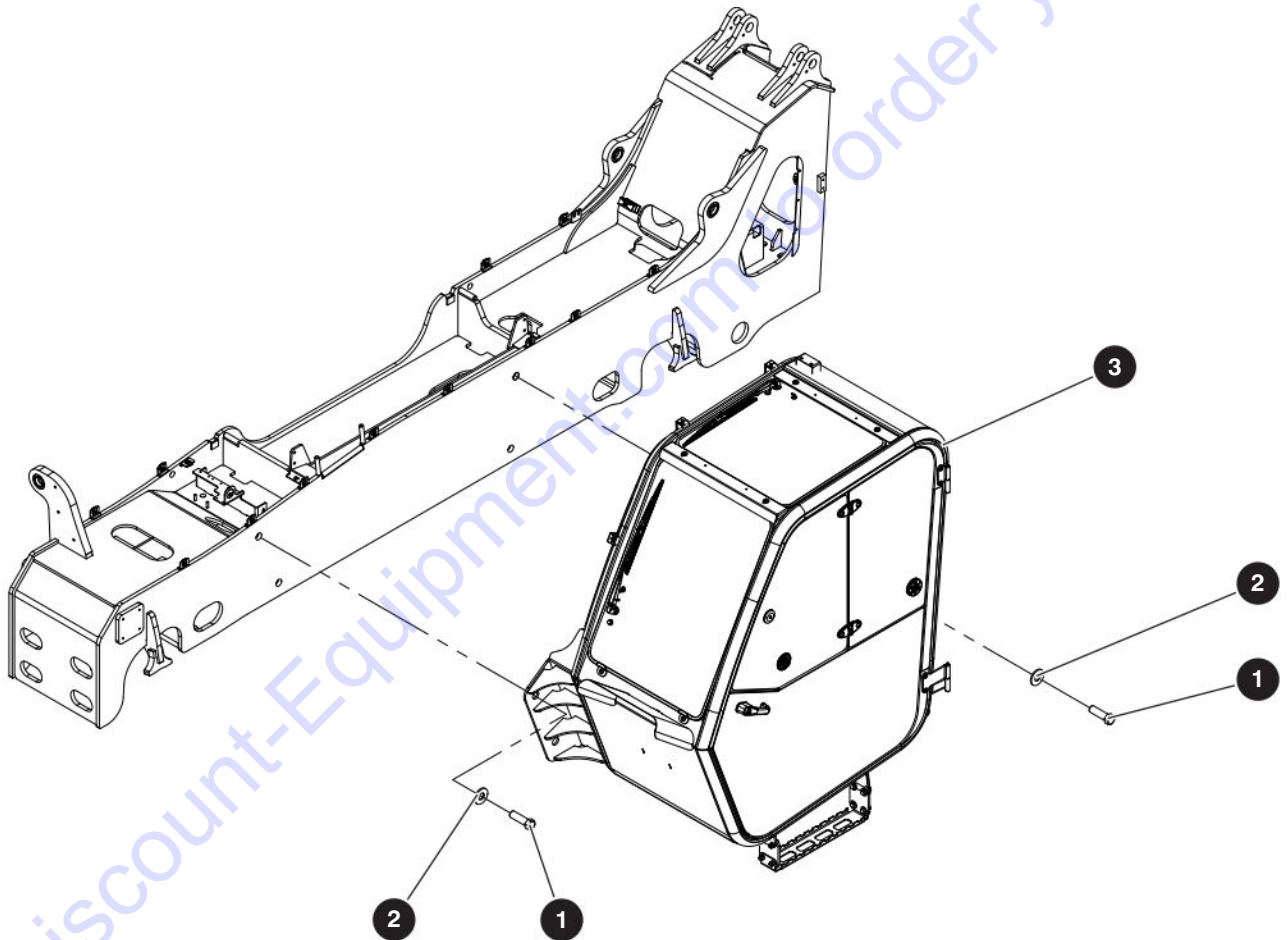
4.20 A/C Compressor

4.21 A/C Condenser

4.22 A/C Harness

4.23 A/C and Heater Harness

4.1 Cab Installation



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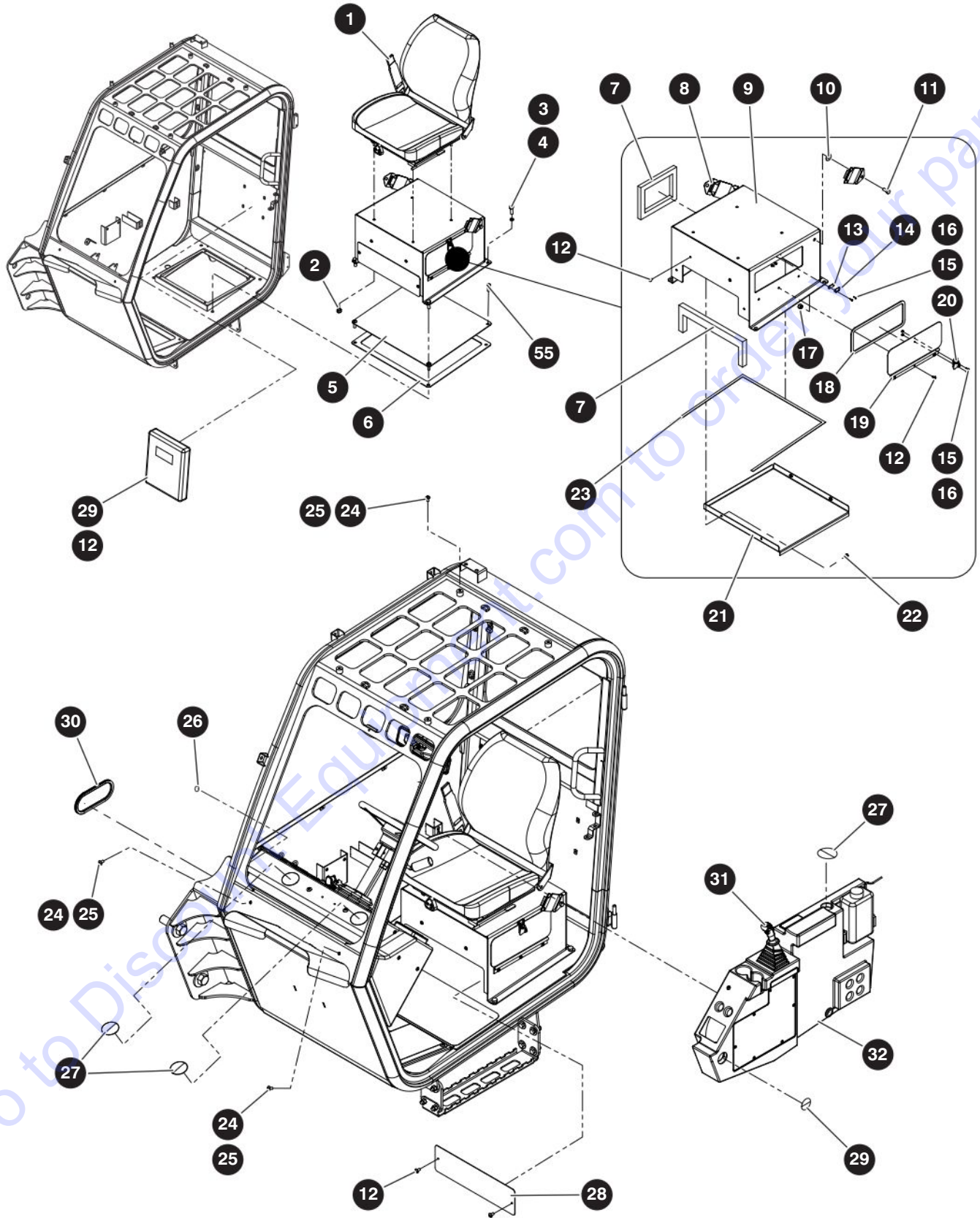
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4.1 Cab Installation

Index No.	Skyjack Part No.	Qty.	Description
A	9-191788	1	OPEN CAB SUBGROUP
B	9-191789	1	ENCLOSED CAB SUBGROUP
1	9-191783	4	<ul style="list-style-type: none"> • BOLT, Hex head 1-1/4"-7 x 4" Gr. 8
2	9-923687	4	<ul style="list-style-type: none"> • WASHER, Flat - 1-5/16"ID x 3" OD x 1/4" Hard
3	(Ref.)	1	<ul style="list-style-type: none"> • ASSEMBLY, Open cab rops & fops - A <p>(For components, refer to Section 4.2)</p>
	(Ref.)	1	<ul style="list-style-type: none"> • ASSEMBLY, Enclosed cab - B <p>(For components, refer to Section 4.16)</p>

4.2 Open Cab



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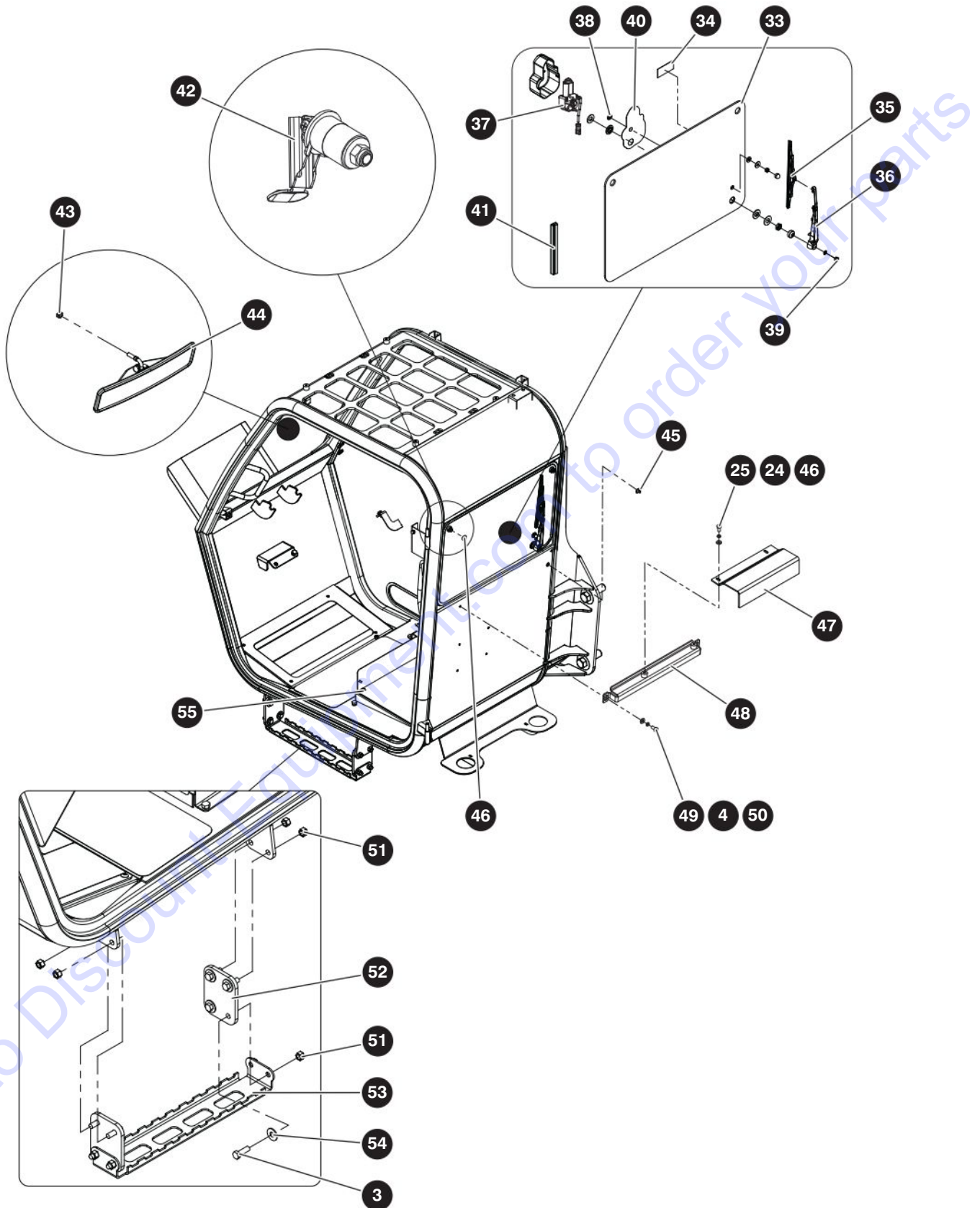
SKYJACK

4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
-	9-191777	1	ASSEMBLY, OPEN CAB ROPS & FOPS
1	9-235139	1	• SEAT, Criod
-	9-207639	1	• • BELT, Seat
	9-224575	1	• • KNOB, Adjuster
2	9-191574	7	• NUT, Hex 3/8"-16 NC SER flanged
3	9-103907	12	• SCREW, Hex head cap 1/2"-13 NC X 1-1/2" Gr. 5
4	9-103470	10	• WASHER, Lock, hel spring, 1/2"
5	9-191569	1	• COVER PANEL, NON-HVAC
6	9-191524	1	• GASKET, Foam seal
-	9-191580	1	• ASSEMBLY, SEAT RISER
7	9-191518	1	• • FOAM SEAL, Soft psa
8	9-191564	2	• • TETHER, Seat belt
9	9-191502	1	• • WELDMENT
10	9-191313	2	• • WASHER, Flat 7/16" type A
11	9-191531	2	• • SCREW, Hex head 7/16" - 14 NC X 1" Gr. 5
12	9-235133	13	• • SCREW, Machine 1/4"-20 NC X 5/8" torx
13	9-191563	1	• • LATCH, Padlockable
14	9-191747	1	• • SPACER, Catch latch
15	9-191753	4	• • SCREW, Phillips TMS 6-32 UNC X 1/2" SS
16	9-924972	4	• • NUT, Lock with nylon insert # 6
-	9-191587	1	• • ASSEMBLY, Tool door
17	9-191534	2	• • • NUT, Hex, Lock with nylon insert 7/16" - 14 NC
18	9-191518	1	• • • SEAL, Foam PSA
19	9-191506	1	• • • WELDMENT, Tool door
20	9-191562	1	• • • LATCH, Lockable
21	9-191539	1	• • PANEL, Tool shelf
22	9-168208	7	• • NUT, Hex 1/4" - 20 NC
23	9-191547	1	• • SEAL, Rubber 31 X 1/2"
24	9-103999	10	• WASHER, Lock, hel spring, 3/8"
25	9-191542	12	• SCREW, Machine 3/8"-16 NC x 3/4" BH Torx
26	9-191515	3	• PLUG, Hole 1"
27	9-191514	4	• PLUG, Hole 2-1/2"
28	9-191744	1	• PANEL, Seat Riser
29	9-198789	1	• MANUAL BOX
30	9-191511	1	• TRIM, Edge
31	(Ref.)	1	ASSEMBLY, Joystick (For components, refer to Section 4.5)
32	(Ref.)	1	ASSEMBLY, Right hand console (For components, refer to Section 4.4)

Parts List continued in following page

4.2 Open Cab



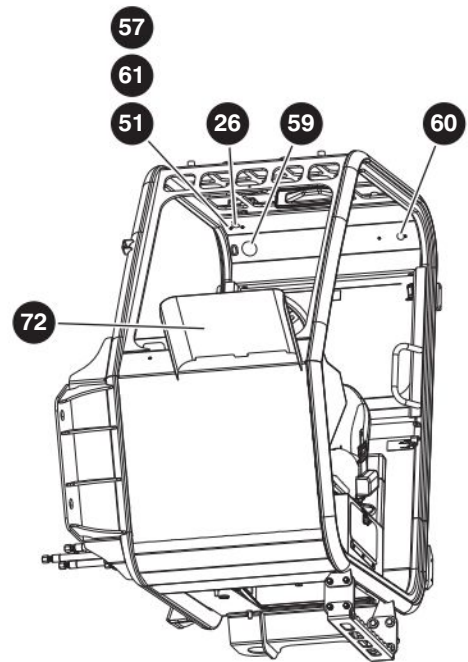
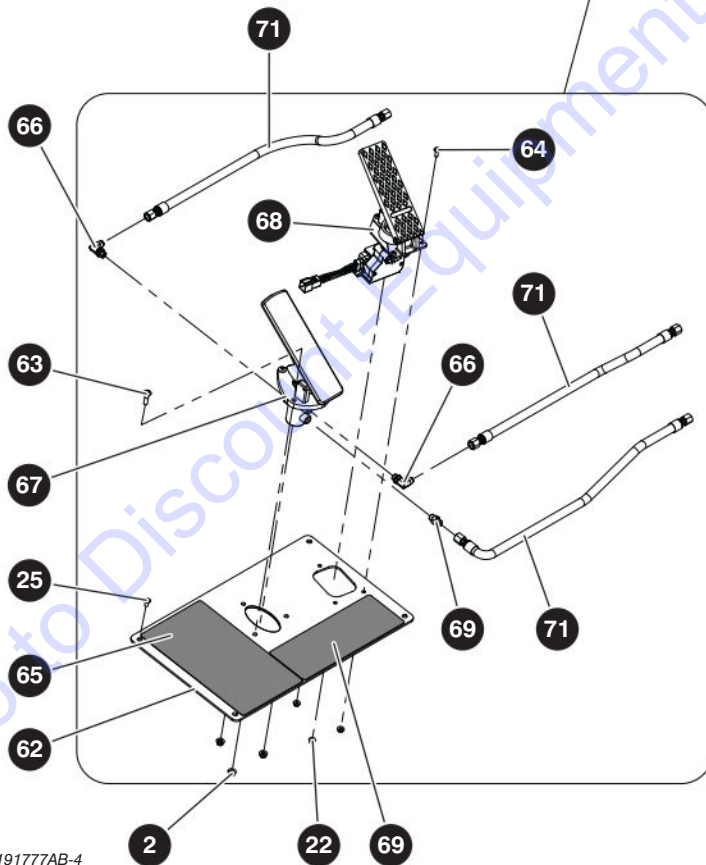
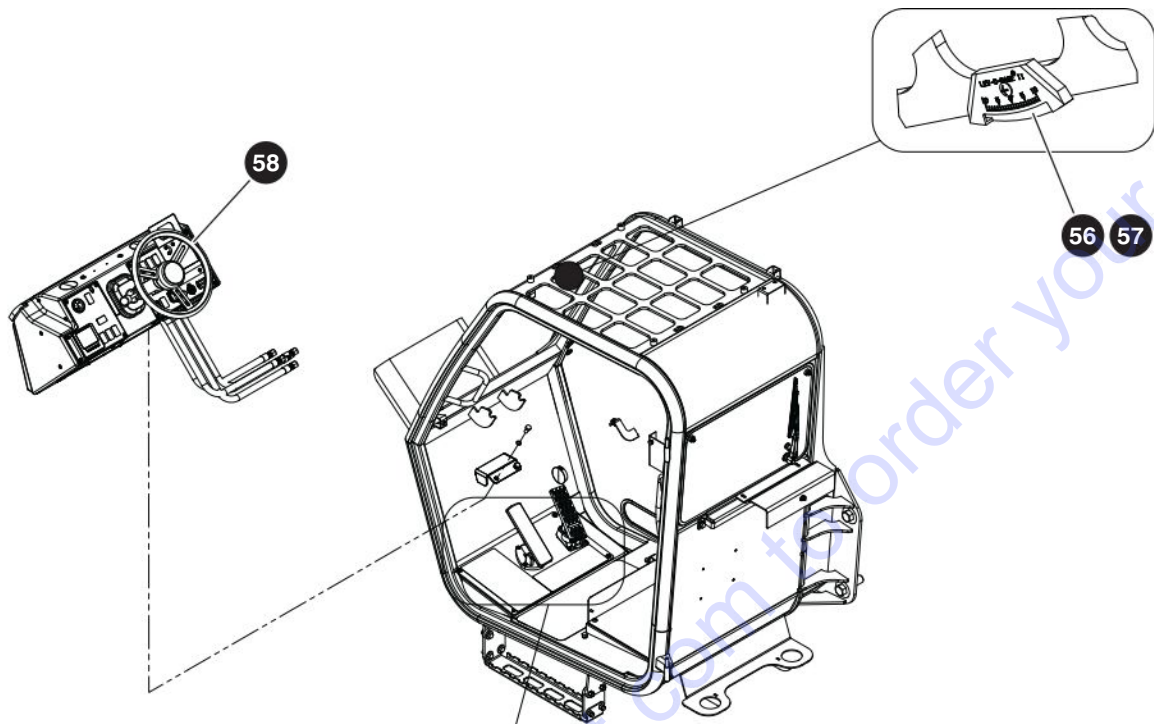
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4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
-	9-191590	1	• ASSEMBLY, REAR WINDOW WITH WIPER
33	9-191530	1	• • WINDOW, Rear
34	9-191553	1	• • DECAL, Emergency exit
35	9-191554	1	• • WIPER, Blade. 300 mm
36	9-191555	1	• • WIPER, Arm 260 mm
37	9-191556	1	• • WIPER, Motor LH park
38	9-191557	1	• • MOUNT, M8 hardware
39	9-191558	1	• • MOUNT, M16 hardware
40	9-191559	1	• • WIPER, Window sticker
41	9-191566	1	• • SEAL, Bubble 90° rear
42	9-204288	2	• LATCH, Swell anchor
43	9-933625	1	• NUT, HEX, M8 X 1 .25, DIN 934
44	9-191521	1	• MIRROR HEAD, Stud mount
45	9-191525	1	• FITTING, Wiper hose
46	9-103472	6	• WASHER, Flat 3/8" Type A ,W SER
47	9-196167	1	• PANEL, Tank Cover
48	9-191932	1	• WELDMENT, Retainer, fuel tank
49	9-103911	2	• SCREW, Hex head cap 1/2"-13 NC X 1" Gr. 5
50	9-191536	2	• WASHER, Flat 1/2" type A,N SER
-	9-191581	1	• ASSEMBLY, STEP
51	9-702507	11	• • NUT, Lock hex 1/2"- 13 NC
52	9-191526	2	• • BELTING, Step bar
53	9-191745	1	• • PANEL, Step
54	9-137241	8	• • WASHER, Flat 1/2" type A,W SER
55	9-191677	4	• SCREW, Machine 5/16"-18 NC x 1/2" TH Torx
			Part list continued in following page

4.2 Open Cab

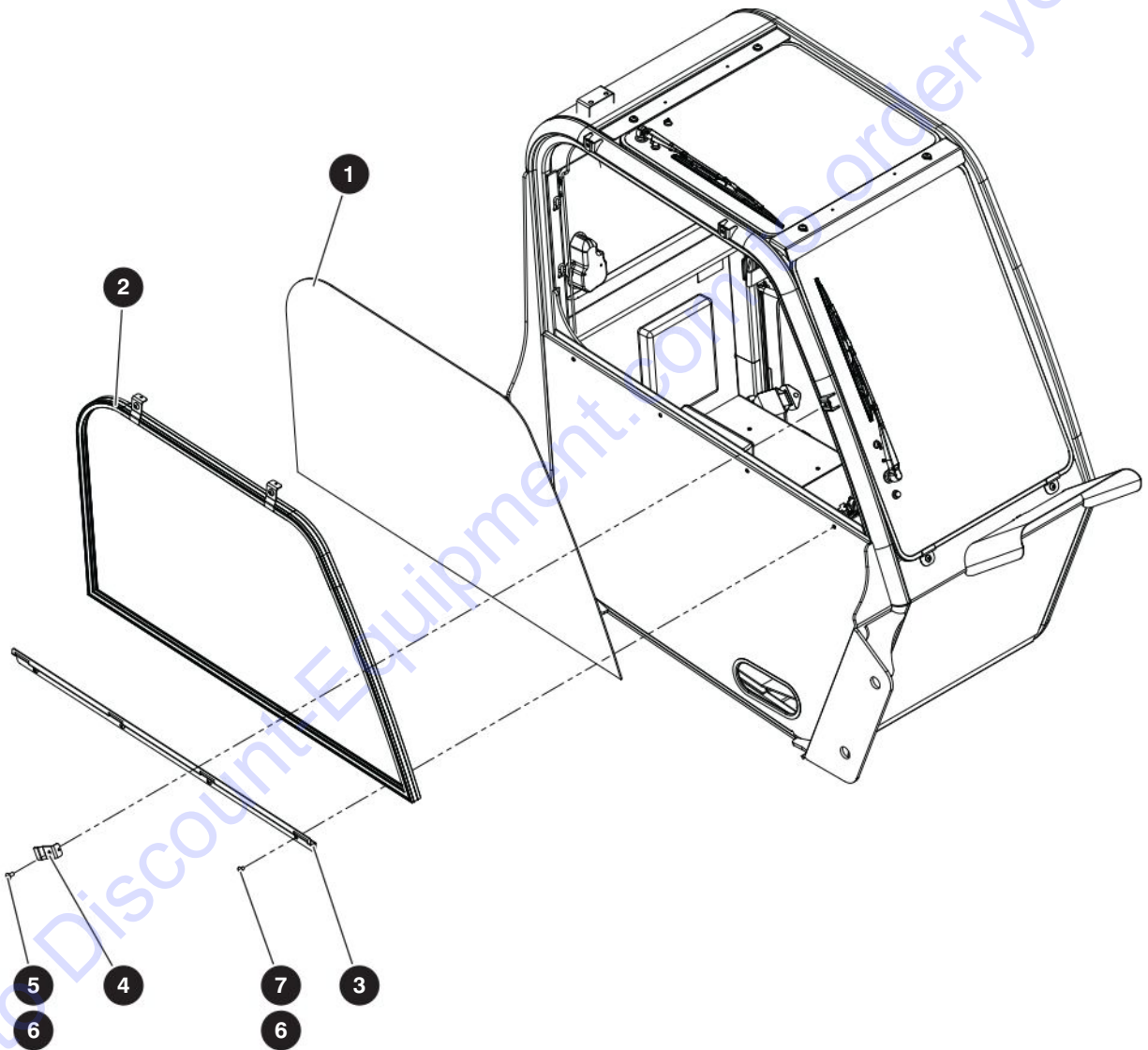


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4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
56	9-928355	1	• LEVEL INDICATOR
57	9-138834	4	• SCREW, Machine #10-24 NC X 3/4" philips
58	(Ref.)	1	• ASSEMBLY, Dash front (For components, refer to Section 4.8)
59	9-191512	1	• HOLE PLUG, Plastic, 2.09" DIA
60	9-103957	2	• SCREW, Machine #8-32 NC x 1/2" philips
61	9-104185	3	• WASHER, Lock, hel spring, 3/16"
-	9-191582	1	• ASSEMBLY, FLOOR PEDALS
62	9-191746	1	• • PLATE, Pedal mounting
63	9-235136	3	• • SCREW, Machine, 5/16"-18 NC x 1-1/4" TH TRX
64	9-235133	3	• • SCREW, Machine 1/4"-20 NC X 5/8" torx
65	9-191529	1	• • TAPE, Anti-skid PSA
66	9-114578	2	• • FITTING, 90° (06 JICM - 06 ORBM)
67	9-926370	1	• • BRAKE PEDAL, Hydraulic
68	9-152201	1	• • PEDAL, Throttle
69	9-191546	1	• • TAPE, Anti-ski d psa
70	9-103069	1	• • FITTING - Straight (06 JICM - 06 ORBM)
71	H310601260	3	• • HOSE, Brake line port T (3/8" / 100R17 x 126" long)
72	232518	1	PLATE, Fender

4.3 Open Cab Side Window



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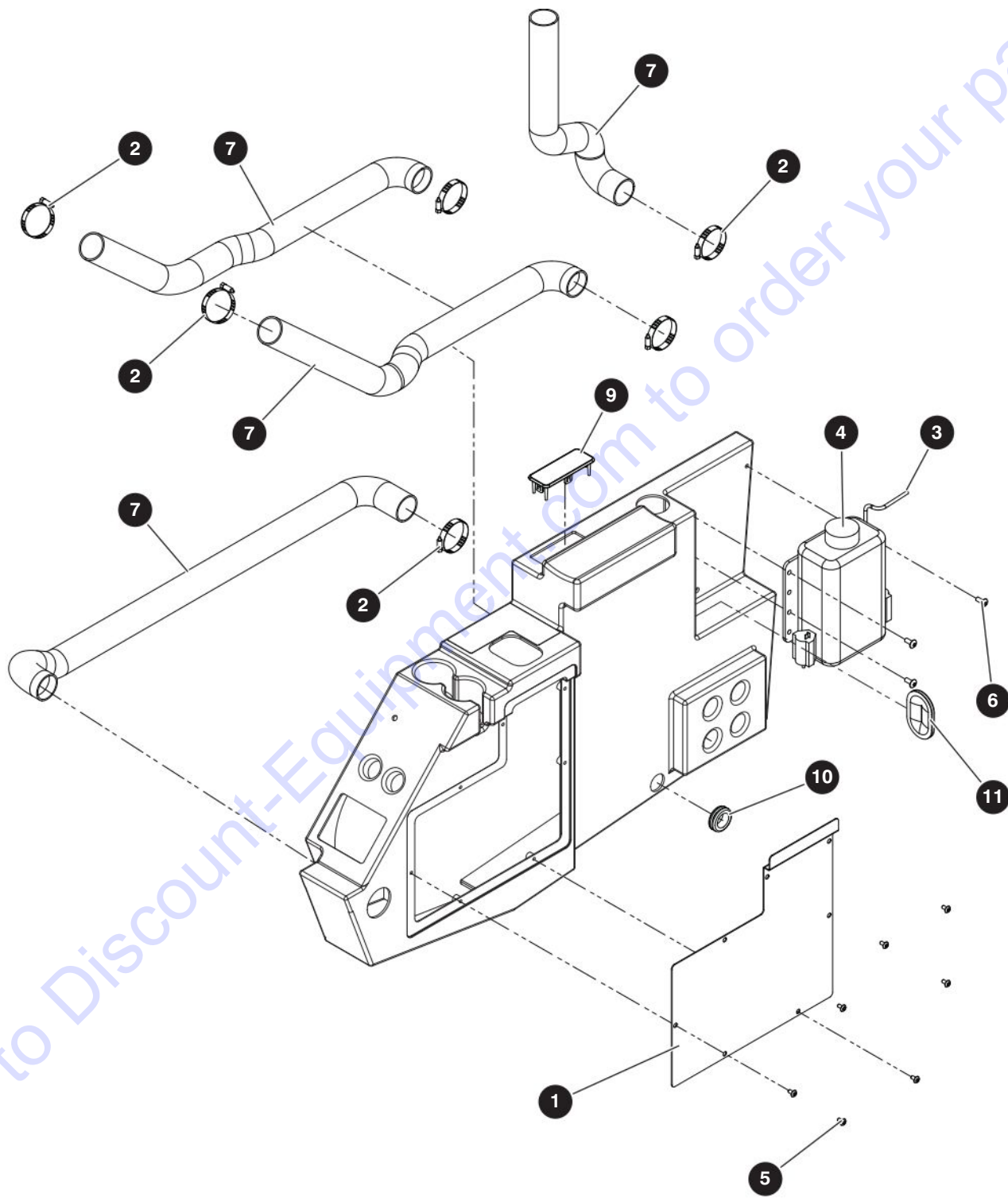
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SKYJACK

4.3 Open Cab Side Window

Index No.	Skyjack Part No.	Qty.	Description
1	9-191708	1	WINDOW, RH
2	9-191709	1	SEAL, Bubble (loop side)
3	9-191711	1	RETAINER , Window side
4	9-191710	3	CLIP, Window
5	9-159294	3	NUT, U-clip, 3/8"-16 UNC
6	9-191542	7	SCREW, Machine 3/8"- 16 NC X 3/4" Torx
7	9-103999	4	WASHER, Lock 3/8"
	(Ref).		Enclosed Cab (For components, refer to Section 4.16)

4.4 Right Hand Console



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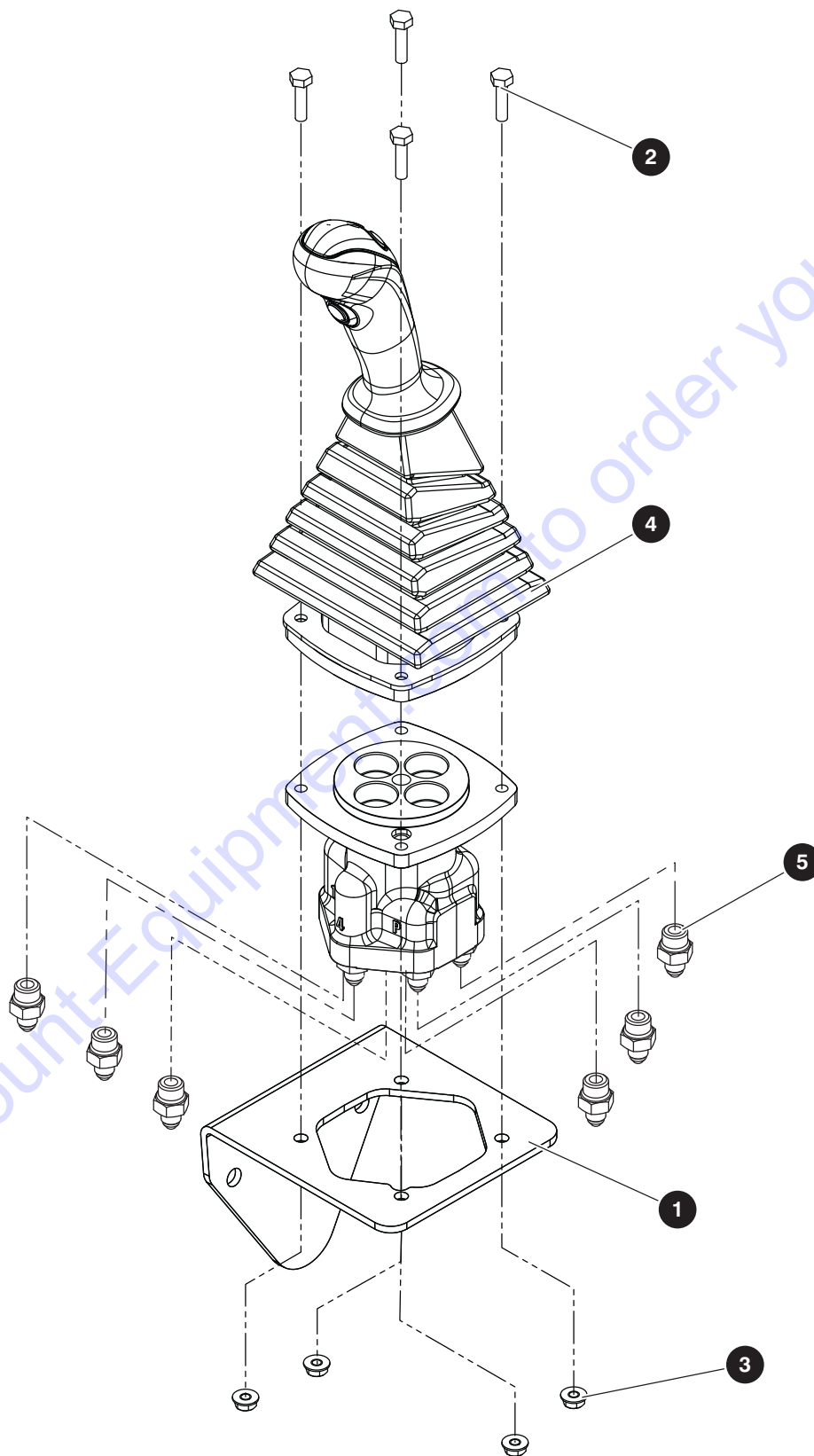
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SKYJACK

4.4 Right Hand Console

Index No.	Skyjack Part No.	Qty.	Description
-	9-191584	1	ASSEMBLY, CONSOLE RH
1	9-191578	1	• PANEL, Cover
2	9-191532	6	• CLAMP, Hose, #40 2-1/16" - 3"
3	9-191510	1	• WASHER, Hose
4	9-191513	1	• KIT, Windshield washer, 12V 4QT
5	9-235133	7	• SCREW, Machine 1/4"-20 NC X 5/8" torx
6	9-235136	3	• SCREW, Machine, 5/16"-18 NC x 1-1/4" TH TRX
7	9-191523	4	• HOSE, Air duct, 2" ID
8	9-191527	1	• PLASTIC, Molded RH console
9	9-191492	1	• HOLE PLUG, HVAC Controller
10	9-191748	2	• GROMMET, 125 ID X 1-1/2" hole
11	9-205875	1	• SEAL, Flat Clip-on 1-1/4" x 11-1/2"

4.5 Joystick Control



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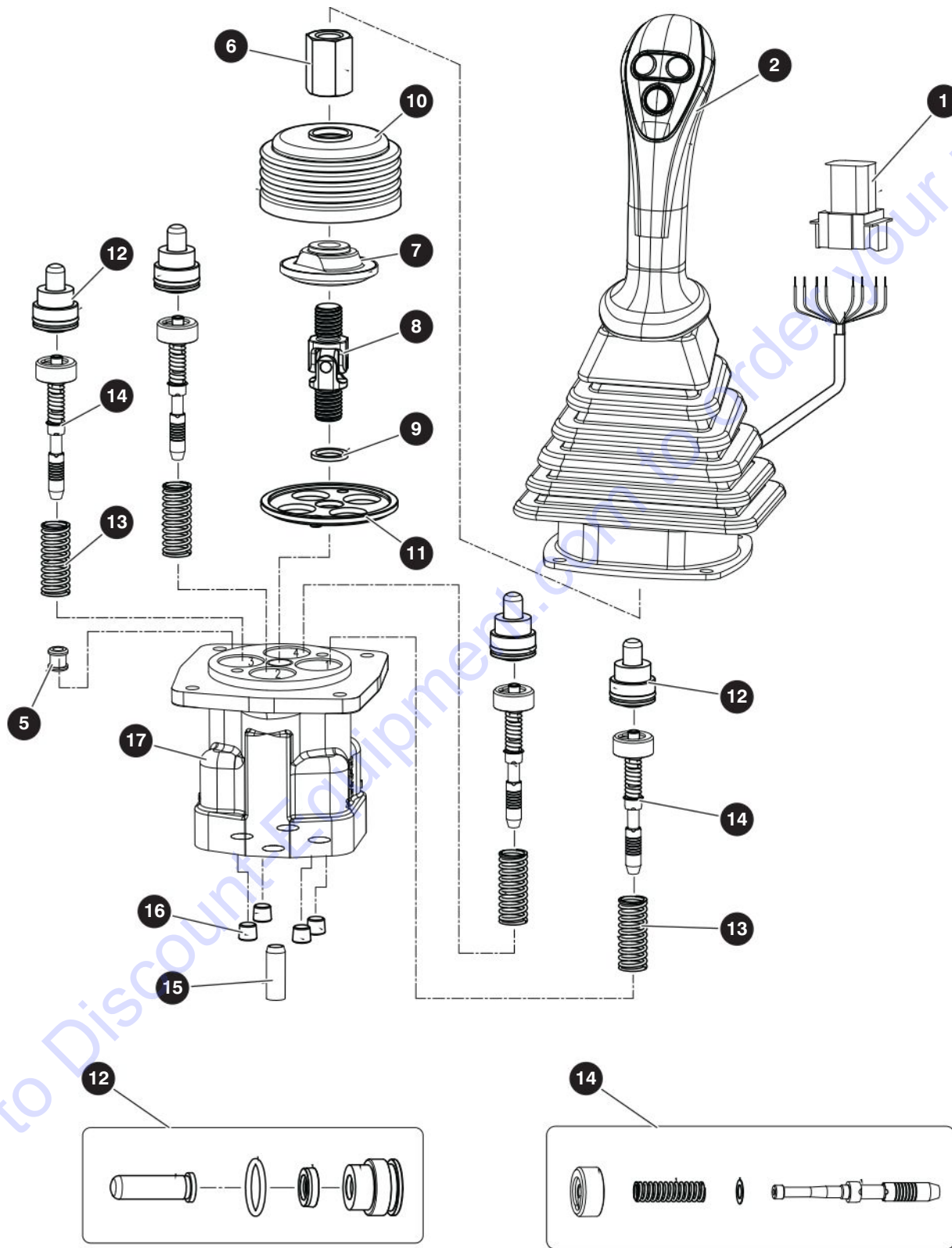
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4.5 Joystick Control

Index No.	Skyjack Part No.	Qty.	Description
-	9-191586	1	ASSEMBLY, JOYSTICK
1	9-191743	1	• PANEL, Inner joystick
2	9-103857	4	• SCREW, Hex head 1/4"-20 NC x 1" Gr. 5
3	9-168208	4	• NUT, Hex 1/4"-20 NC serrated flange
4	(Ref)	1	• JOYSTICK, Hydraulic (For components, refer to Section 4.6)
-	(Ref.)	-	JOYSTICK HOSES (For components, refer to Section 8.14)
5	9-701956	6	FITTING, (06 ORBM x 04 JICM)

4.6 Joystick Control - Internal Breakdown



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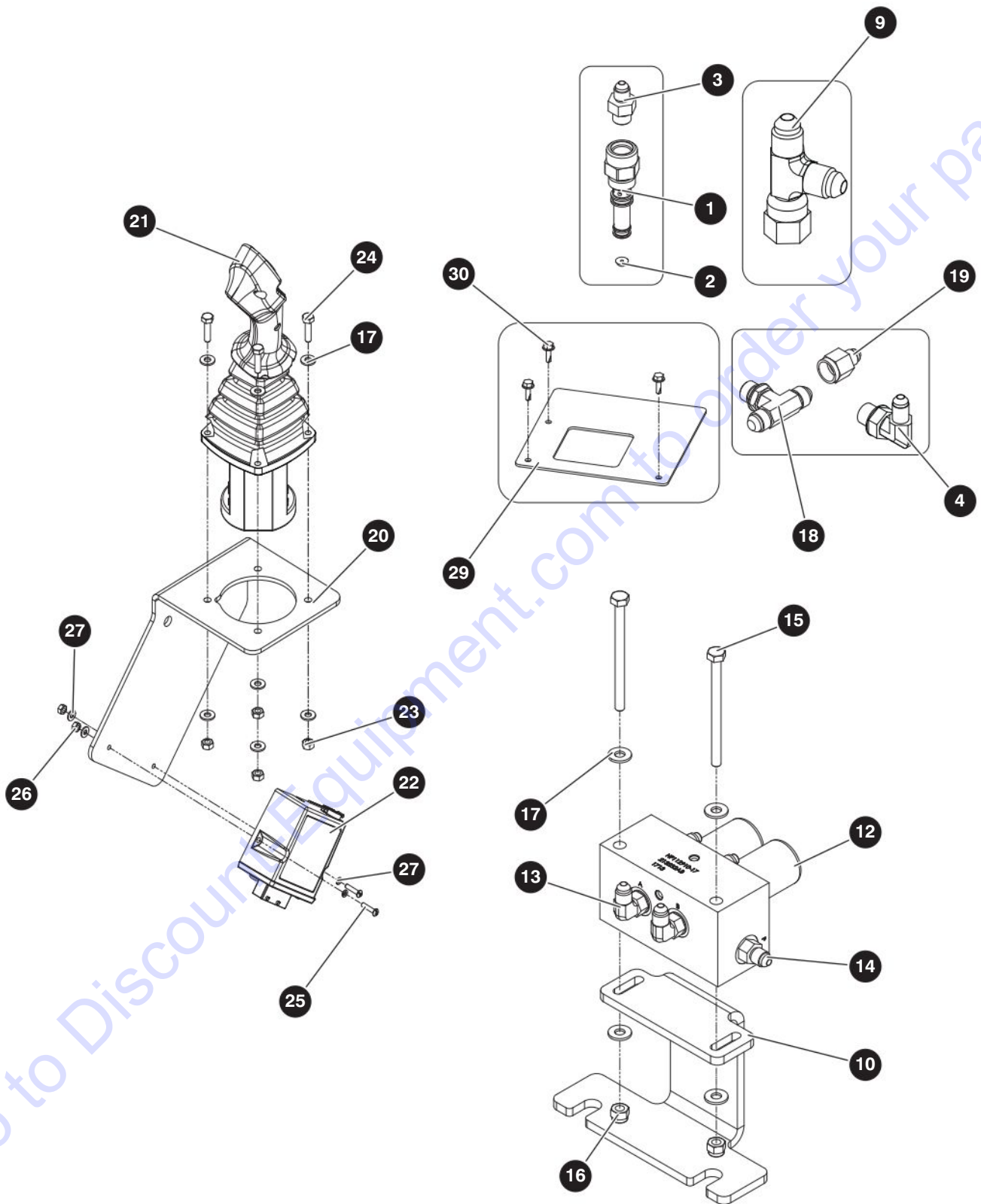
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4.6 Joystick Control - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Description
-	9-190356	1	ASSEMBLY, JOYSTICK
1	9-196994	1	• ASSEMBLY, Connector
2	9-196995	1	• ASSEMBLY, Handle
3	9-196996	1	• NUT (Not shown)
4	9-196997	6	• CAP (Not shown)
5	9-196998	1	• BUSHING
6	9-196999	1	• HEX NUT
7	9-197000	1	• SWASH PLATE
8	9-197001	1	• ASSEMBLY, Joint
9	9-197002	1	• SPACER
10	9-197003	1	• INNER BOOTS
11	9-197004	1	• PLATE
12	9-197005	4	• PLUG KIT
13	9-197006	4	• SPRING
14	9-197007	4	• SPOOL KIT
15	9-197008	1	• BUSHING
16	9-197009	4	• PLUG
17	9-197010	1	• CASE

4.7 Premium Joystick



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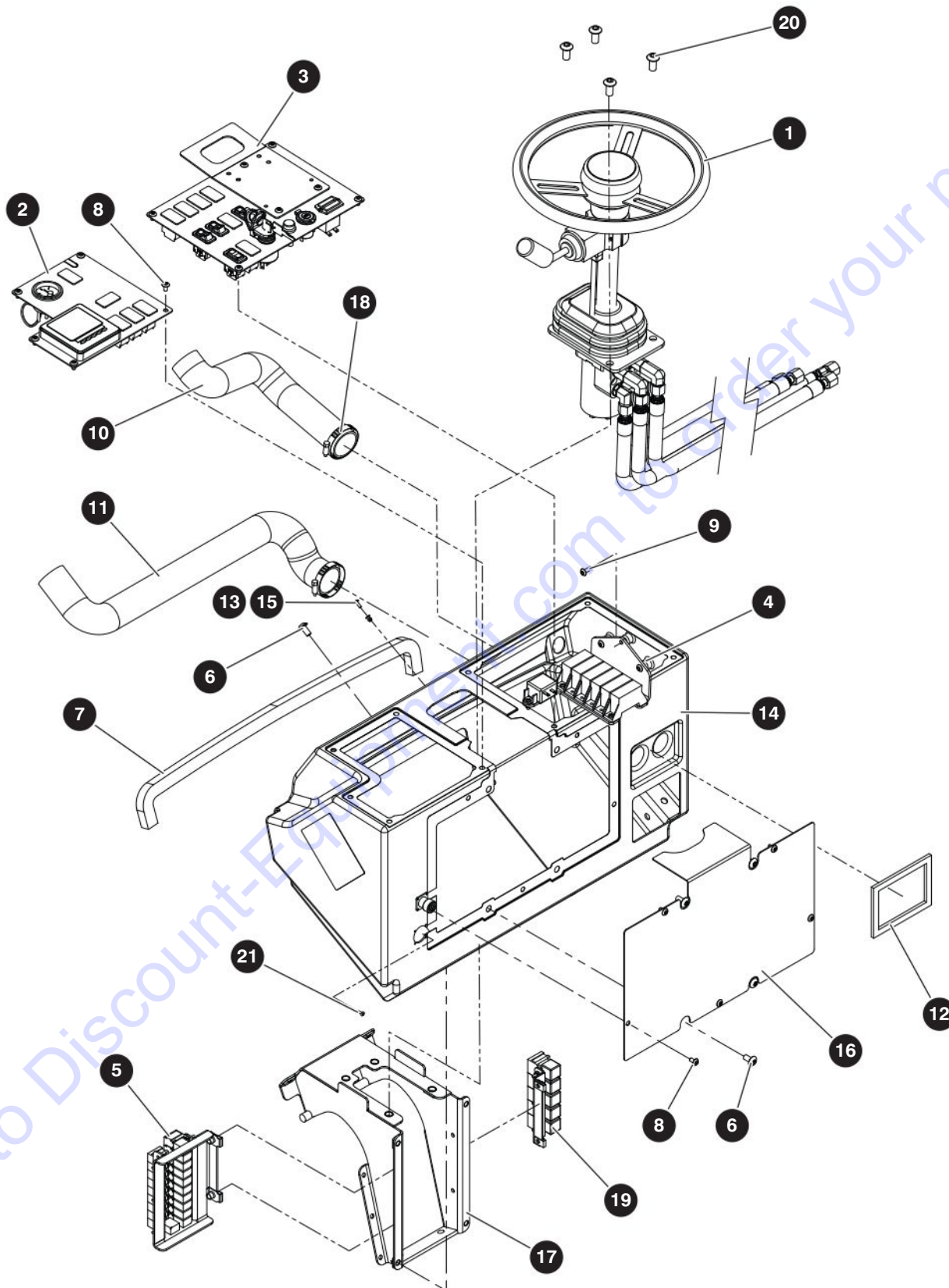
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SKYJACK

4.7 Premium Joystick

Index No.	Skyjack Part No.	Qty.	Description
-	9-206183	1	PREMIUM JOYSTICK
-	9-206184	1	• MANIFOLD, Modification/Joystick - 1256
1	9-213225	2	• • VALVE, Cartridge
2	9-213227	2	• • FITTING, Orifice disc, blank
3	9-701956	2	• • FITTING, 06 SAE to - 04 JIC
4	9-129127	1	• • FITTING, 4-6 O-Ring 90°
-	9-213750	1	• • HOSE ASSEMBLY, Premium joystick kit
5	H340400140	1	• • • HOSE, Port A to Carriage up (Not shown)
6	H340400140	1	• • • HOSE, Port B to Carriage down (Not shown)
7	H340400240	1	• • • HOSE, Port P to Main manifold GP2 (Not shown)
8	H340400200	1	• • • HOSE, Port D to Main manifold DR1 (Not shown)
9	9-707917	1	• • FITTING, Tee - 04 JICM - 04 JICM - 04 JICFS
10	9-206122	1	• • PLATE, Manifold mount
-	9-213749	1	• • ASSEMBLY, Carriage manifold
11	9-213232	1	• • • MANIFOLD, Dual elec-hyd
12	9-213997	2	• • • • COIL, Drop in 12VDC (Not shown)
13	9-125883	2	• • • FITTING, 90 DEG (04 JICM - 04 ORBM)
14	9-126128	2	• • • FITTING, 4 SAE to -4 JIC
15	9-103863	2	• • BOLT, Hex head 1/4"-20 x 3-1/2" Gr5
16	9-115649	2	• • NUT, LOCK with nylon insert 1/4"-20 Gr5
17	9-103995	4	• • WASHER, Flat 1/4"
18	9-114579	1	• • FITTING, Fitting-br tee (06 JICM - 06 JICM - 06 ORBM)
19	9-707041	2	• • FITTING, Straight (06 JICF - 04 JICM)
-	9-213229	1	• ASSEMBLY, Premium joystick
20	9-212811	1	• • BRACKET, Joystick
21	9-922265	1	• • JOYSTICK, Single control
	9-168360	1	• • • Lever kit
	9-168361	1	• • • Cardan kit
	9-168362	1	• • • Rubber boot
	9-168363	1	• • • Retaining plate
	9-168364	1	• • • Handle
22	9-920687	1	• • DRIVER, Valve, single joystick
17	-	8	• • WASHER, Flat 1/4"
23	9-103980	4	• • NUT, Hex head 1/4"-20 gr8
24	9-103857	4	• • BOLT, Hex head 1/4"-20 x 1" Gr5
25	9-103958	2	• • SCREW, Round head machine 8-32 x 3/4"
26	9-103986	2	• • NUT, Hex 8-32
27	9-112249	2	• • WASHER, Lock #8
28	9-103991	2	• • Washer Flat #8
29	9-213747	1	• PLATE, Label
30	9-103632	3	• BOLT, Hex head, Self tapping 1/4"-14 x 3/4"
31	9-172648	1	• LABEL, Premium joystick (Not shown)
32	9-212807	1	• HARNESS, Premium joystick for th (Not shown)
33	9-213520	1	• INSTRUCTIONS, Premium joystick kit (Not shown)

4.8 Front Console



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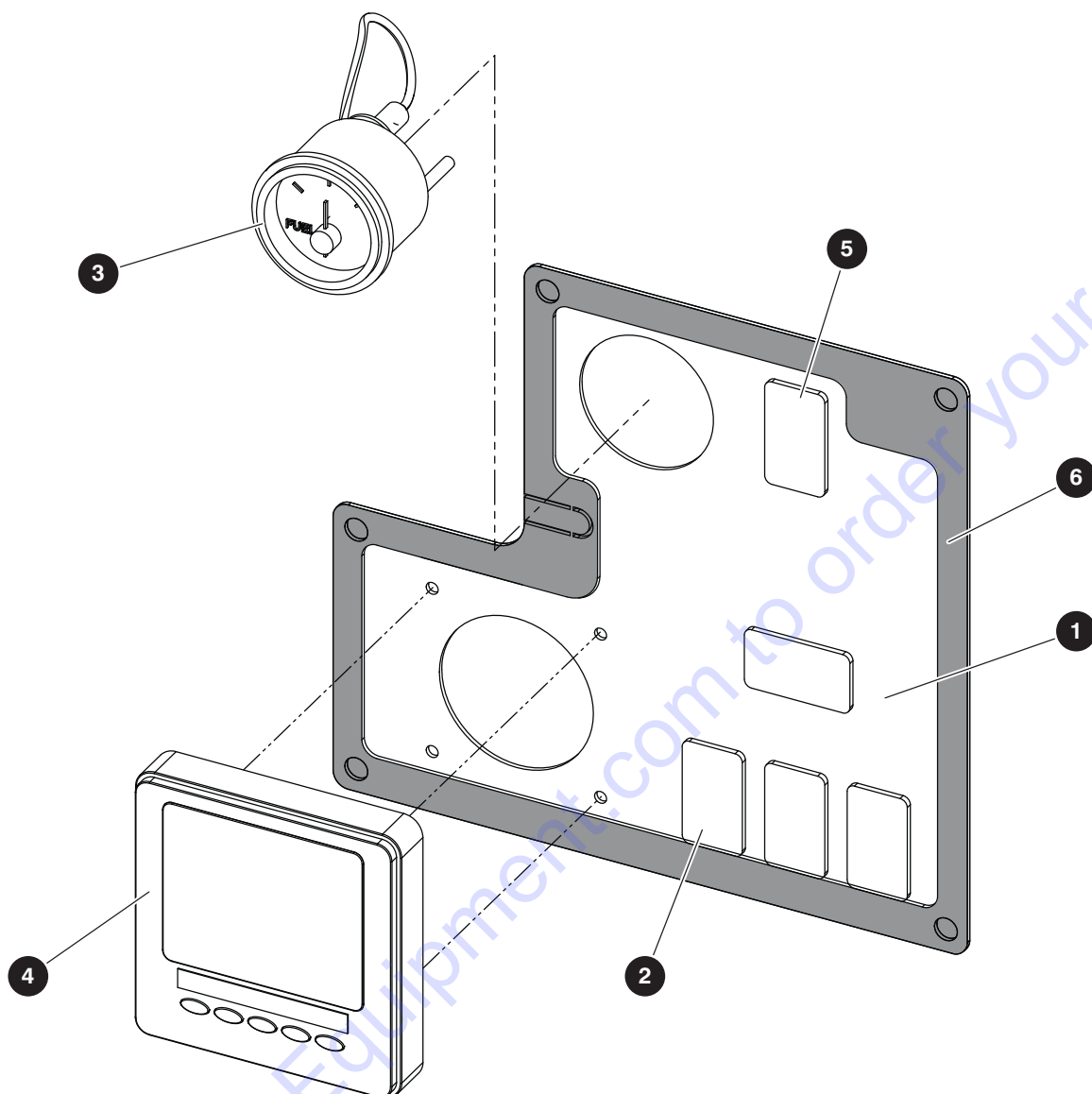
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SKYJACK

4.8 Front Console

Index No.	Skyjack Part No.	Qty.	Description
-	9-220107	1	ASSEMBLY, DASH FRONT 107HP
1	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Steering console (For components, refer to Section 4.12)
2	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, LH dash panel (For components, refer to Section 4.9)
3	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, RH dash panel (For components, refer to Section 4.11)
4	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Fuse and power (For components, refer to Section 4.14)
5	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, RELAY MAIN COMMON (For components, refer to Section 4.13)
6	9-235134	6	<ul style="list-style-type: none"> SCREW, Machine 3/8" 16 nc x 3/4" bh tor x
7	9-191518	1	<ul style="list-style-type: none"> FOAM SEAL
8	9-235133	21	<ul style="list-style-type: none"> SCREW, Machine 1/4" 20 NC x 5/8" TH TOR X
9	9-191753	4	<ul style="list-style-type: none"> PHIL TMS 6-32 UNC X 0.50 SS
10	9-191523	1	<ul style="list-style-type: none"> HOSE DUCT, 2
11	9-191523	1	<ul style="list-style-type: none"> HOSE DUCT, 2
12	9-191518	1	<ul style="list-style-type: none"> FOAM SEAL
13	9-191575	2	<ul style="list-style-type: none"> PHIL TMS , 8 32 UNC x 1/2" - 18 BS
14	9-220106	1	<ul style="list-style-type: none"> DASH PANEL, Plastic
15	9-191545	2	<ul style="list-style-type: none"> NUTSERT
16	9-191570	1	<ul style="list-style-type: none"> PLATE, Dash cover
17	9-191519	1	<ul style="list-style-type: none"> WELDMENT, Steering
18	9-191532	2	<ul style="list-style-type: none"> CLAMP, HOSE, #40 2 - 1/16" - 3"
19	9-191941	1	<ul style="list-style-type: none"> ASSEMBLY, Relay RH 107 HP
20	9-191538	4	<ul style="list-style-type: none"> SCREW, Machine 1/2" 13 nc x 1" bh soc

4.9 LH Dash Panel



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Index No.	Skyjack Part No.	Qty.	Description
-	9-191922	1	ASSEMBLY, LH DASH PANEL 107HP
1	9-191500	1	• PANEL, LH console
2	9-920689	5	• PLUG, Blank plug
3	9-407726	1	• GAUGE, Fuel
4	9-191471	1	• MODULE, Engine
5	9-191456	1	• SWITCH, Stand Still
6	9-205864	1	GASKET, LH panel

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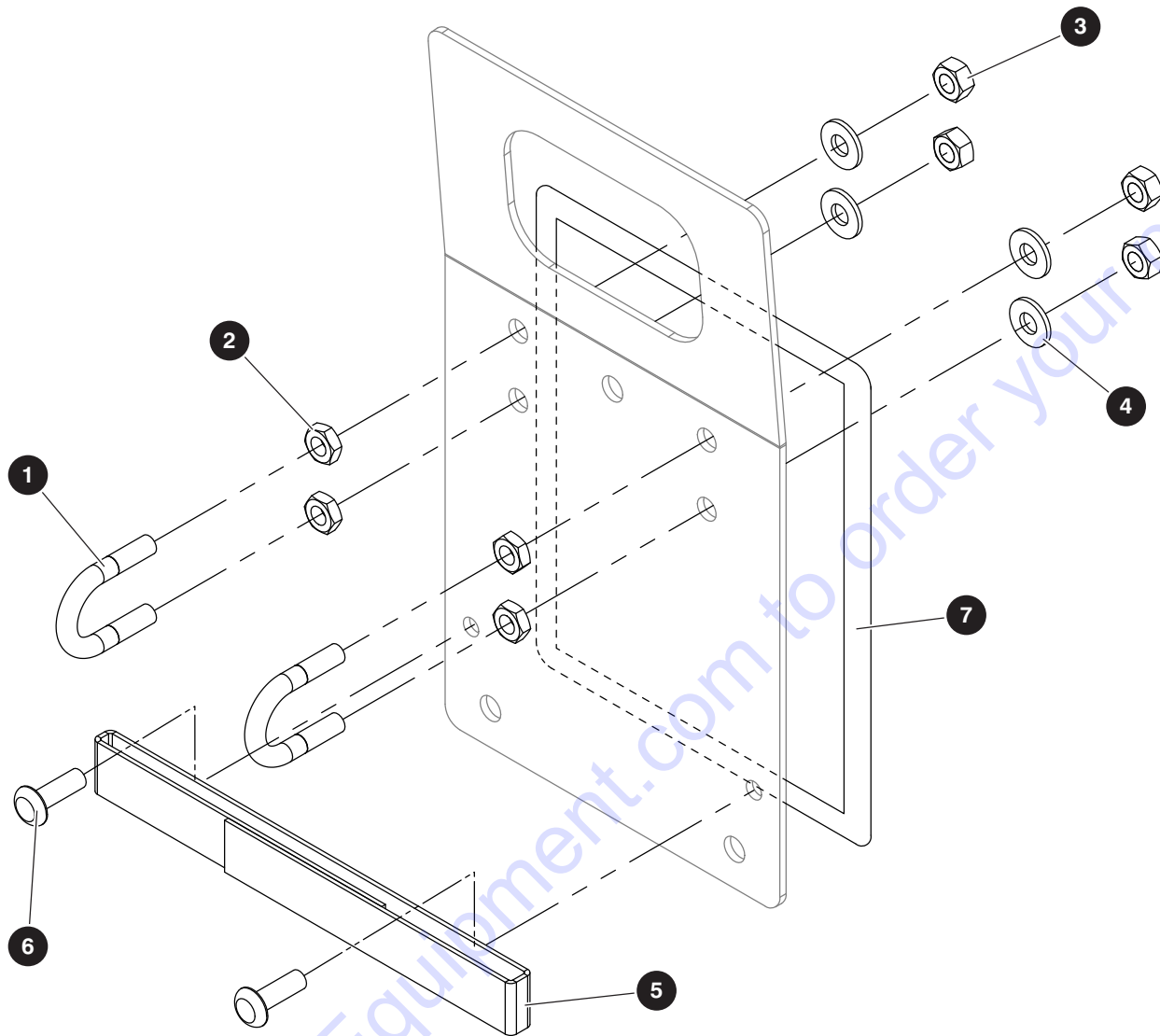
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4.10 Flip Chart



M191773AA-2

Index No.	Skyjack Part No.	Qty.	Description
-	9-191773	1	ASSEMBLY, FLIP CHART
1	9-191279	2	• BOLT, U (1/4"-20 X 3/8") pipe
2	9-103983	4	• NUT, Hex head jam 1/4"-20 Gr. 5
3	9-103980	4	• NUT, Hex head 1/4"-20 Gr. 8
4	9-103995	4	• WASHER, Flat 1/4" SAE
5	9-921485	1	• STRAP, Hook and loop
6	9-924935	2	• RIVET
7	9-205865	1	GASKET, RHS, Flipchart
-	(Ref.)	1	LOAD CHART BOOKLET (For components, refer to Section 11.4)

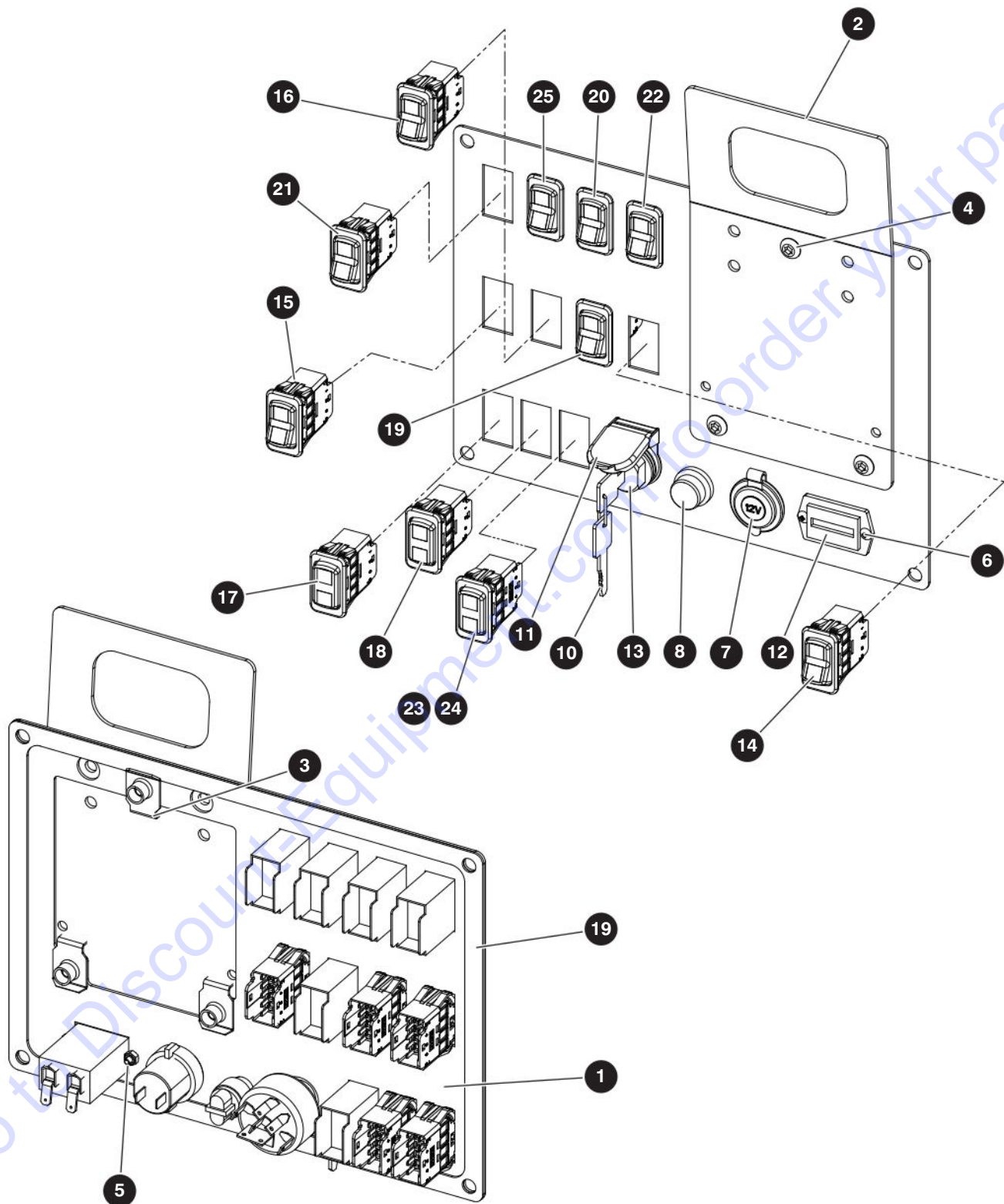
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4.11 RH Dash Panel



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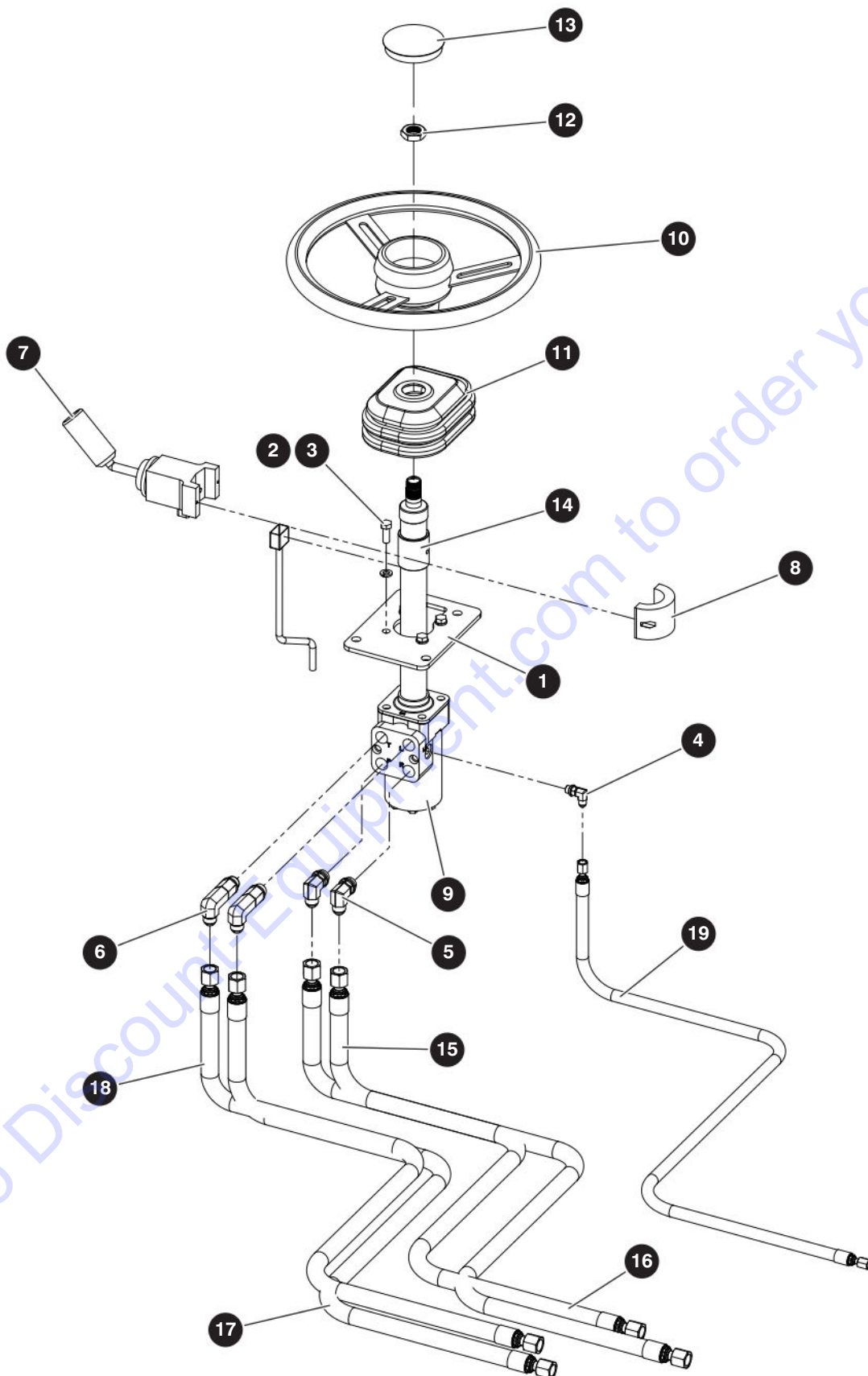
SJ1256 THS

SKYJACK

4.11 RH Dash Panel

Index No.	Skyjack Part No.	Qty.	Description
-	9-191589	1	ASSEMBLY, RH DASH PANEL
1	9-191501	1	• PANEL, Console RH
2	9-191318	1	• PLATE, Flip-chart mount
3	9-149496	3	• NUT, U-clip, 1/4"-20 UNC
4	9-191548	3	• SCREW, Machine 1/4"-20 NC x 1/2" th torx
5	9-924972	2	• NUT, Hex lock with nylon insert, # 6
6	9-191753	2	• SCREW, Phillips TMS 6-32 UNC x 1/2" SS
7	9-922915	1	• POWER PORT, 12V
8	9-405339	1	• BUTTON, Horn
9	9-920689	6	• BLANK PLUG, Waytek 43242 (Not shown)
10	9-926721	1	• SWITCH, Ignition
11	9-925191	1	• COVER, Ignition
12	9-927910	1	• HOUR METER
13	9-926722	1	• NUT, Ignition
14	9-191454	1	• SWITCH, Park Brake
15	9-191457	1	• SWITCH, Steer Mode
16	9-191459	1	• SWITCH, Rear Wiper / washer
17	9-191462	1	• INDICATOR, Tansmission Oil Temp / R.A.S.
18	9-191830	1	• INDICATOR, Glow Plug / Frame Level and boom Interlock
19	9-205863	1	GASKET, RH dash panel
16	-	1	SWITCH, Front / Top Wiper/Washer (enclosed cab only)
20	(Ref.)	2	SWITCH, Road lights (For components, refer to Section 10.5)
21	(Ref.)	1	SWITCH, Boom Lights (For components, refer to Section 10.1)
22	(Ref.)	1	SWITCH, Positive Air shut off (For components, refer to Section 10.8)
23	(Ref.)	1	INDICATOR, Positive Air Shutoff (For components, refer to Section 10.8)
24	(Ref.)	1	INDICATOR, Reserve Brake (For components, refer to Section 10.11)
25	(Ref.)	1	SWITCH, Work lights (For components, refer to Section 10.3)

4.12 Steering Console



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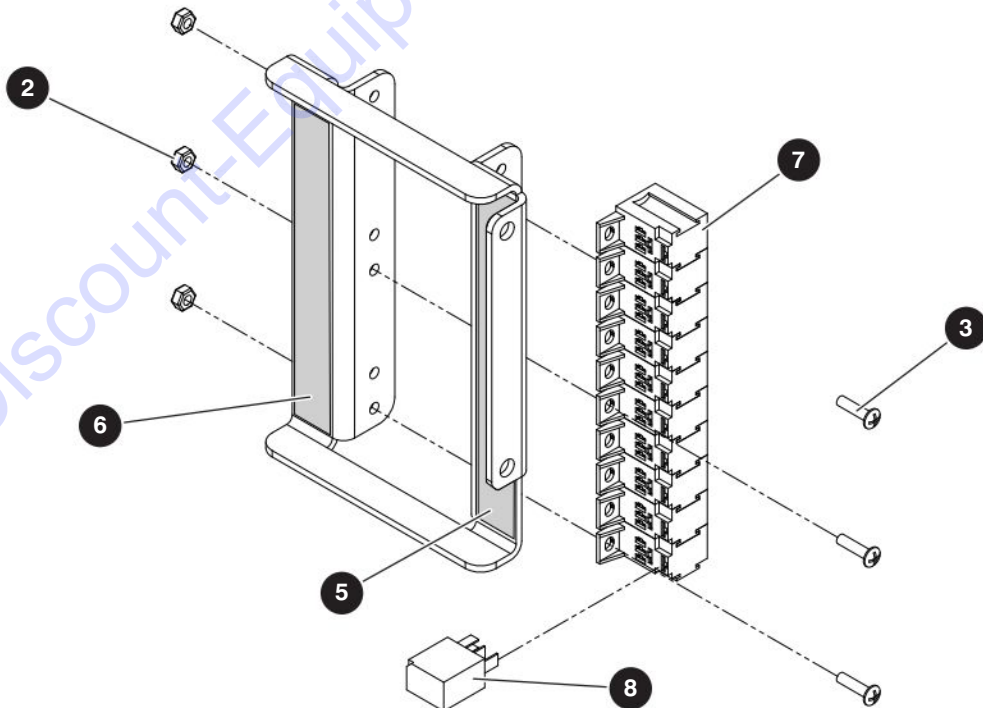
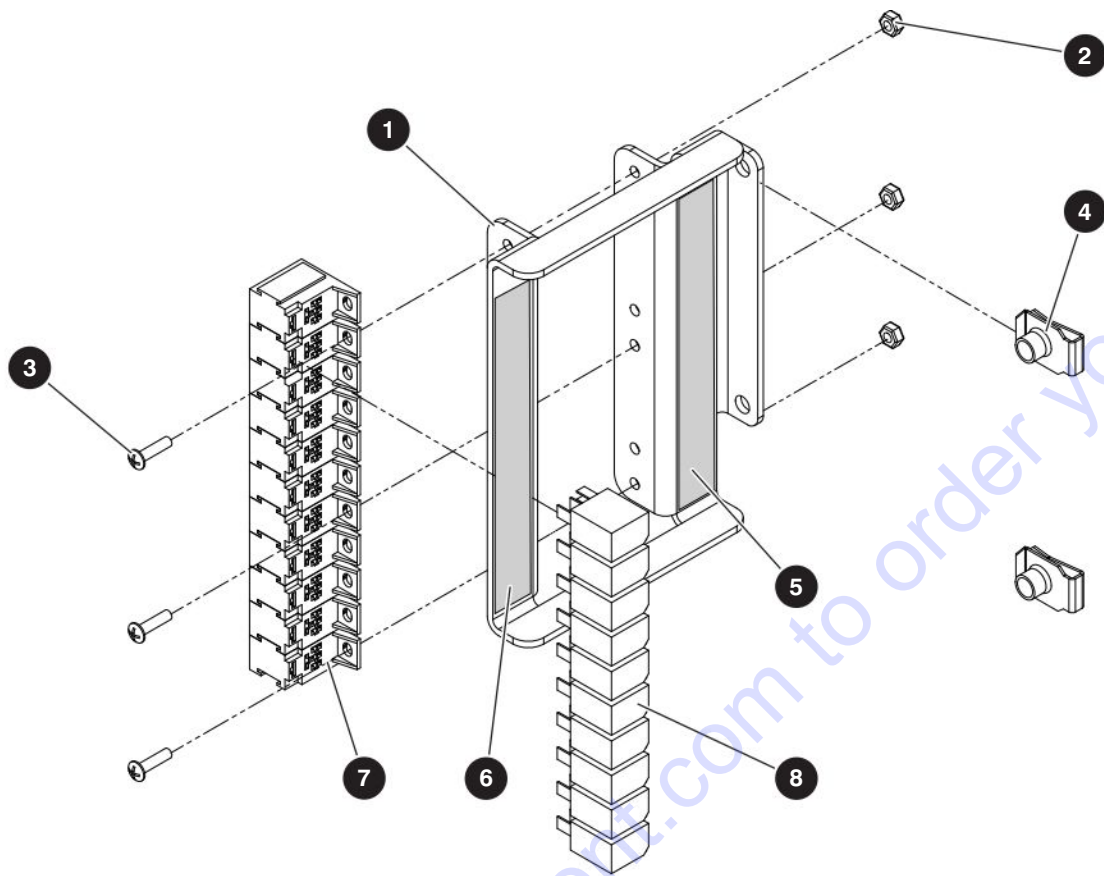
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SKYJACK

4.12 Steering Console

Index No.	Skyjack Part No.	Qty.	Description
-	9-191585	1	ASSEMBLY, STEERING CONSOLE
1	9-191502	1	• PLATE, Steering mount
2	9-103999	4	• WASHER, Lock, hel spring 3/8"
3	9-103473	4	• SCREW, Hex head 3/8"-16 NC X 1" Gr. 5
4	9-125883	1	• FITTING, Hydraulic 90°
5	9-114583	2	• FITTING, 90°
6	9-702798	2	• FITTING, 90° Extra long
7	9-926377	1	• SHIFTER, Transmission
-	9-216766	1	• SHIFTER, CVT Transmission (with CVT only)
8	9-921721	1	• CLAMP, Shifter,
9	9-406450	1	• VALVE, Orbital Steering
-	9-209323	1	• • SEAL KIT, Orbital steering unit
10	9-404849	1	• STEERING WHEEL
11	9-191493	1	• BOOT, Column
12	9-405037	1	• NUT, Steering wheel
13	9-411375	1	• CAP, Steering wheel
14	9-191845	1	• COULMN SHAFT
15	H310801240	1	• STEERING LINE R
16	H310801460	1	• STEERING LINE p
17	H310801290	1	• STEERING LINE L
18	H310801380	1	• STEERING LINE T
19	H310401310	1	• STEERING LINE LS

4.13 Main Relay



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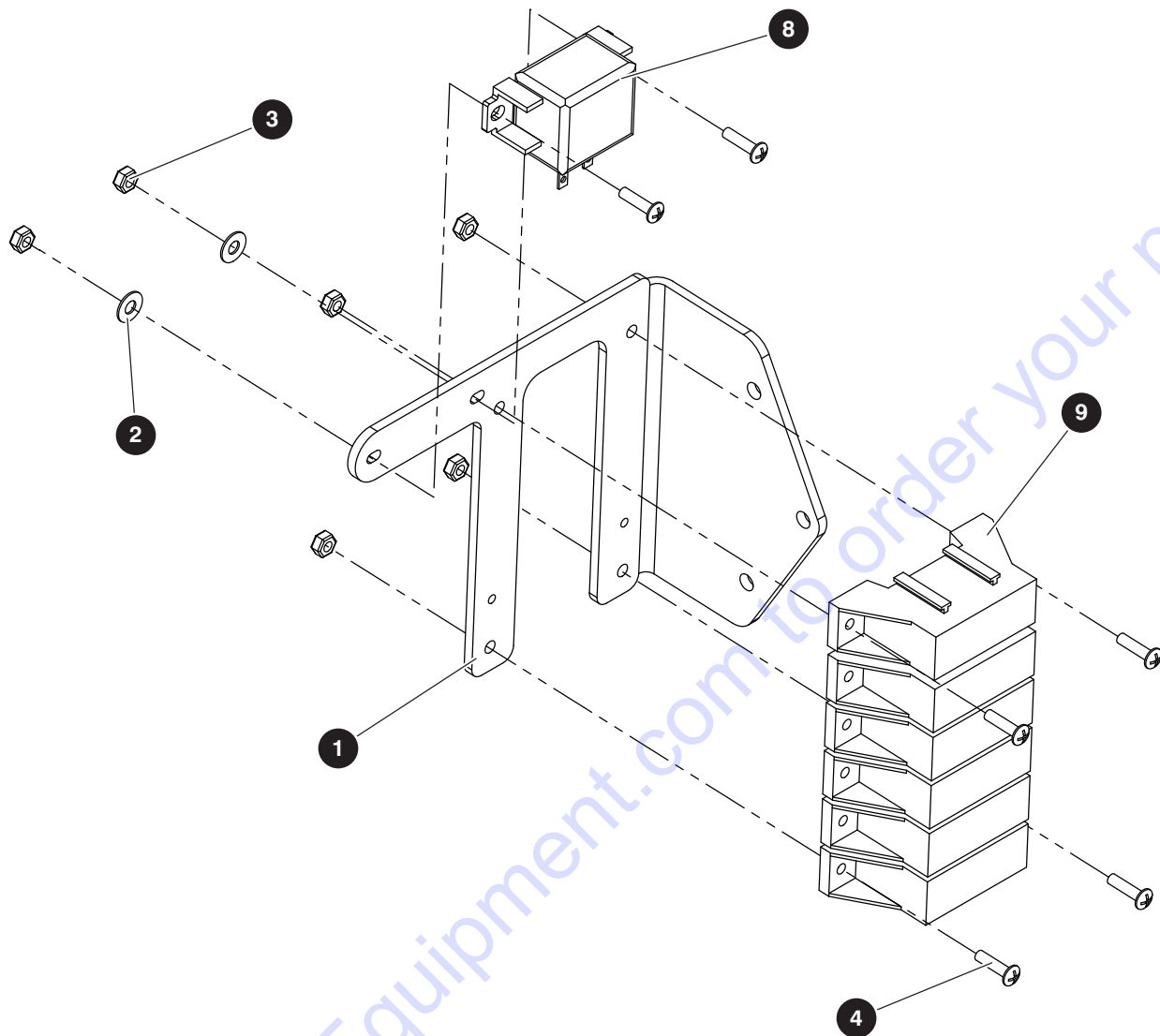
SJ1256 THS

SKYJACK

4.13 Main Relay

Index No.	Skyjack Part No.	Qty.	Description
-	9-191935	1	ASSEMBLY, RELAY MAIN COMMON
1	9-191912	1	• BRACKET, Relay mount bank
2	9-126642	6	• NUT, Hex Lock with nylon insert #10-24 NC
3	9-138834	6	• SCREW, Machine #10-24 NC x 3/4" PH Phillips
4	9-149496	2	• NUT, U-clip
5	9-196231	1	• DECAL, Relay ID RH
6	9-196232	1	• DECAL, Relay ID LH
7	9-156166	22	• MOUNT, Micro Relay
8	9-931298	22	• RELAY, Micro 20A

4.14 Fuse and Power



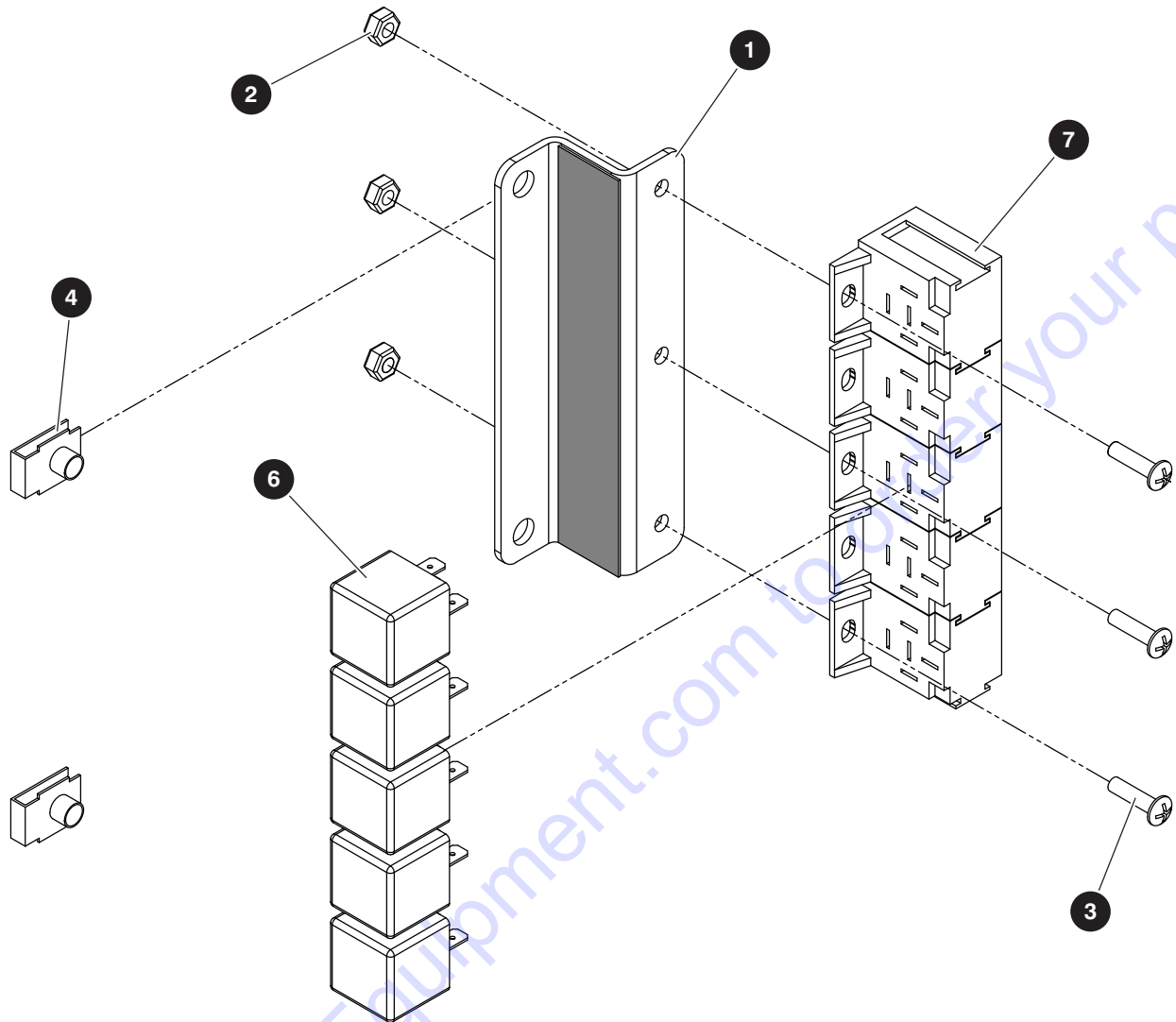
M191576AB

Index No.	Skyjack Part No.	Qty.	Description
-	9-191576	1	ASSEMBLY, FUSE AND POWER
1	9-191571	1	• MOUNT BRACKET, Fuse/Relay
2	9-191686	2	• WASHER, Flat 3/16" Type A
3	9-126642	6	• NUT, Hex lock with nylon insert #10-24 NC
4	9-138834	6	• SCREW, Machine #10-24 NC x 3/4" PH Phillips
5	9-156203	2	• FUSE, 10 AMP red (Not Shown)
6	9-156164	1	• FUSE, 30 AMP LT grn (Not Shown)
7	9-156202	1	• FUSE, 5 AMP TAN (Not Shown)
8	9-226119	1	• POWER RELAY
9	9-156103	6	• FUSE HOLDER

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4.15 Relay RH



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Index No.	Skyjack Part No.	Qty.	Description
-	9-191941	1	ASSEMBLY, RELAY RH 107HP
1	9-191913	1	• BRACKET, Relay mount bank I
2	9-126642	3	• NUT, Hex lock with nylon insert #10-24
3	9-191917	3	• SCREW, Machine #10-24 NC x 1/2" PH Phillips
4	9-149496	2	• NUT, Clip
5	9-195423	1	• DECAL, Relay 107 HP (Not shown)
6	9-127131	5	• RELAY, 5-Pin 40A, 12V
7	9-156166	5	• RELAY, Socket

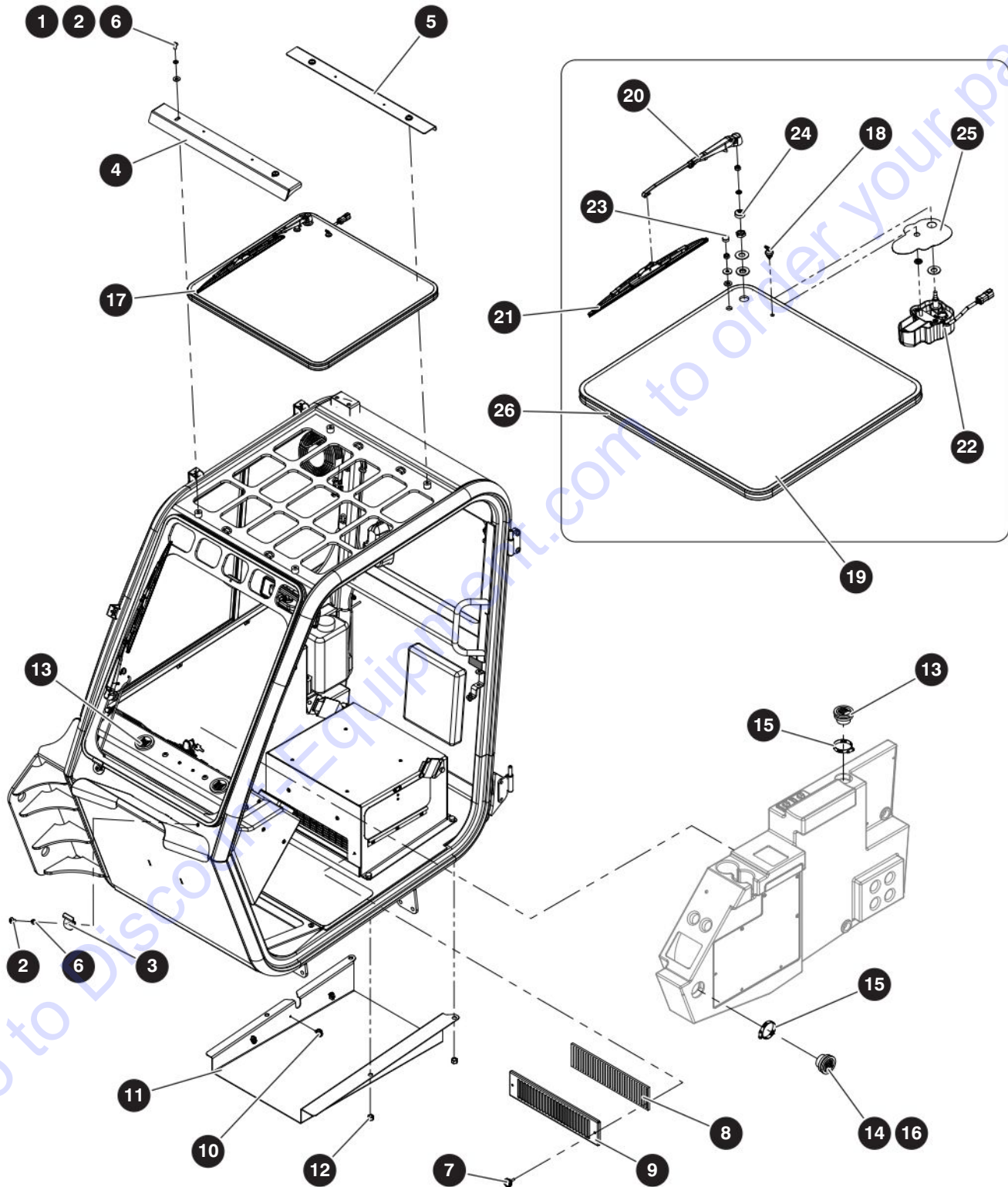
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SKYJACK

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4.16 Enclosed Cab



M191970AB-1R

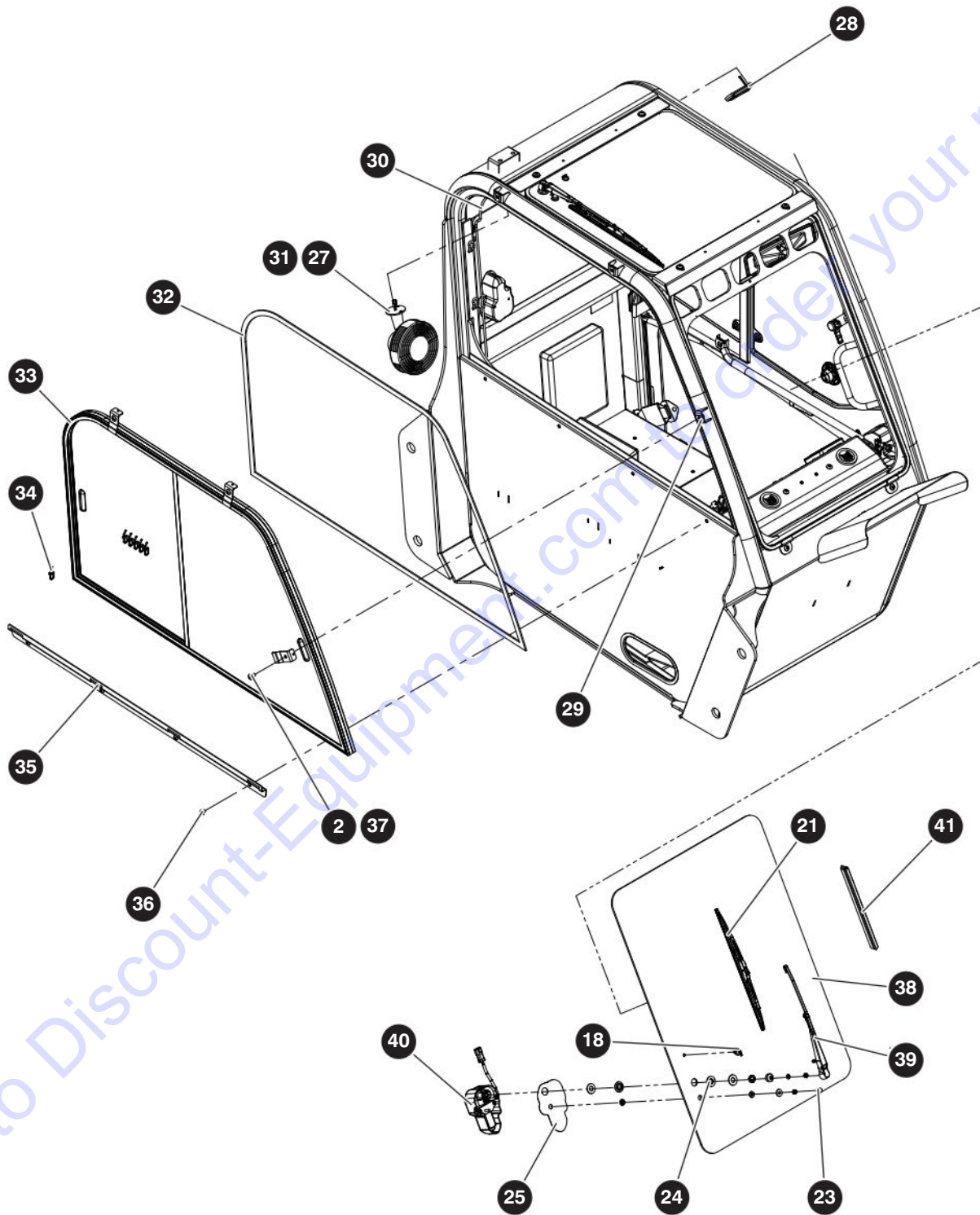
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4.16 Enclosed Cab

Index No.	Skyjack Part No.	Qty.	Description
-	9-191789	1	ASSEMBLY, ENCLOSED CAB SUBGROUP
-	9-191790	1	ASSEMBLY, Enclosed cab
1	9-103472	4	• WASHER, Flat 3/8"
2	9-191542	9	• SCREW, Machine 3/8"-16 NC x 3/4" BH torx
3	9-191666	2	• RETAINER, Front window lo
4	9-191651	1	• RETAINER, Front upper window
5	9-191653	1	• PLATE, Retainer top
6	9-103999	6	• WASHER, Lock hel spring 3/8"
7	9-191692	2	• KNOB, Black, 1-1/4" DIA 1/4" x 3/4"
8	9-921521	1	• FILTER, HVAC
9	9-191649	1	• PANEL, Screen intake
10	9-191549	3	• ROSEBUD CLIP, 413- 500" duct
11	9-191650	1	• COVER PANEL, Hose -A
12	9-702507	4	• NUT, Hex Lock with nylon insert, 1/2"-13 NC - B -B
13	9-191706	3	• LOUVER, Round, 2.79" W / 2.0 hose
14	9-191706	1	• LOUVER, Round, 2.79"
15	9-191532	4	• CLAMP, Hose,
16	9-191928	1	• ADAPTER, 90°
17	9-191684	1	• ASSEMBLY, Top window
18	9-191525	1	• • FITTING, Wiper hose
19	9-191930	1	• • WINDOW, Top
20	9-191660	1	• • WIPER, Arm wet
21	9-191670	1	• • WIPER, Blade j- hook
22	9-191556	1	• • WIPER, Motor LH park
23	9-191557	1	• • MOUNT, M8 hardware
24	9-191558	1	• • MOUNT, M16 hardware
25	9-191559	1	• • WIPER, Window sticker
26	9-191678	1	• • BUBBLE SEAL, 90° top
			Part list continued in following page

4.16 Enclosed Cab



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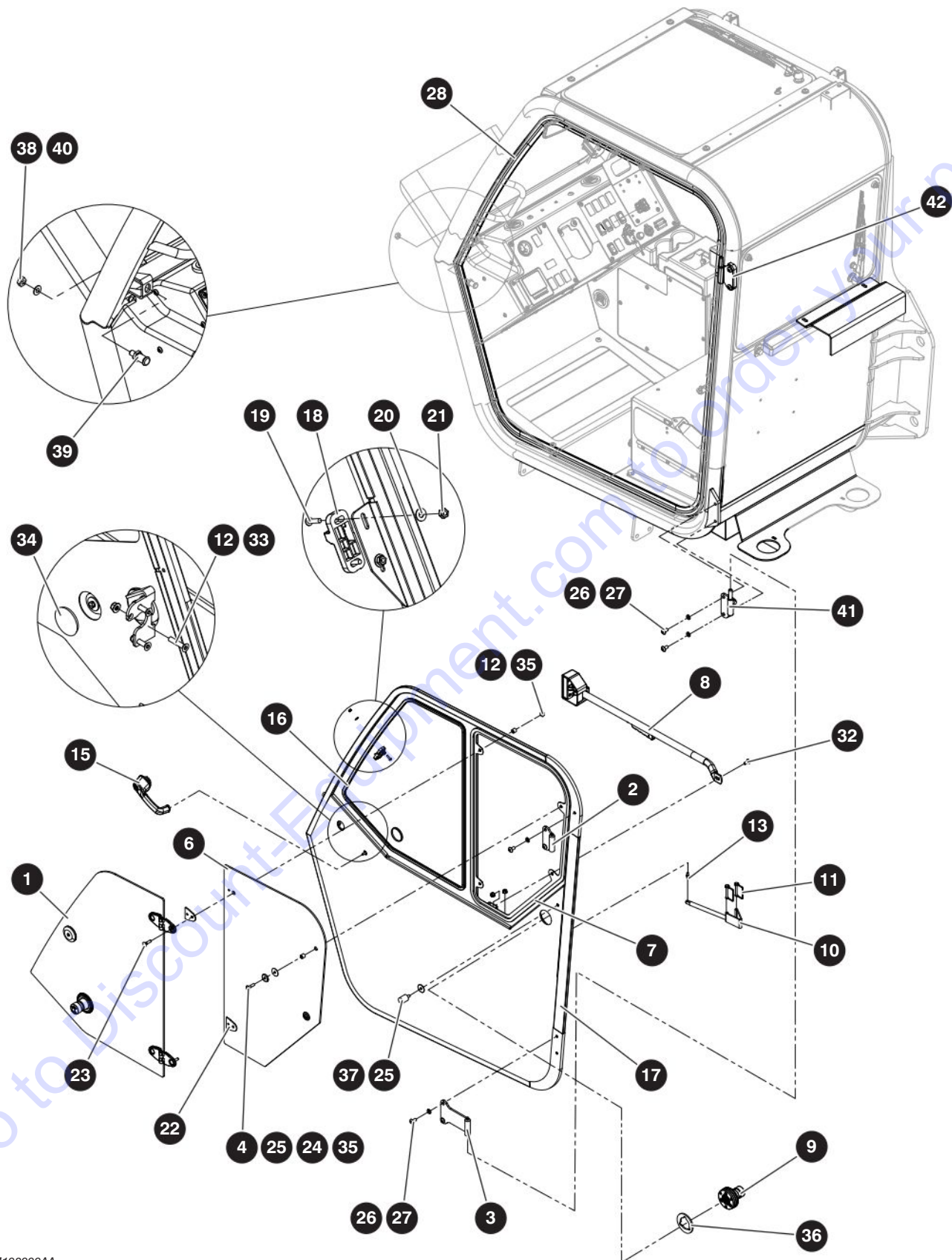
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4.16 Enclosed Cab

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
27	9-191680	1	• ASSEMBLY, Fan with terminals
28	9-191658	1	• DOME LIGHT, Oval with switch
29	9-191665	3	• CLIP, Window slider
30	9-191510	3	• HOSE, Washer
31	9-191694	1	• GASKET, Defroster fan
32	9-223900	1	• SEAL, Rubber strip
33	9-223899	1	• SLIDER WINDOW
-	9-211680	1	• • LATCH
34	9-191540	6	• WIRE TIE, Nylon, black, 7-1/2" long
35	9-191652	1	• RETAINER, Window slider lo
36	9-191677	4	• SCREW, Machine 3/8"-18 NC X 1/2" TH TRX -A
37	9-159294	3	• NUT, U-clip 3/8"-16 UNC
-	9-191683	1	• FRONT WINDOW WITH WIPER
38	9-191659	1	• • WINDOW, Front
39	9-191671	1	• • WIPER, Arm wet
40	9-191672	1	• • WIPER, Motor 315 LH park
41	9-191679	1	• • BUBBLE SEAL, 90° front
42	(Ref).	1	• ASSEMBLY, Door (For components, refer to Section 4.17)

4.17 Door Assembly



M198999AA

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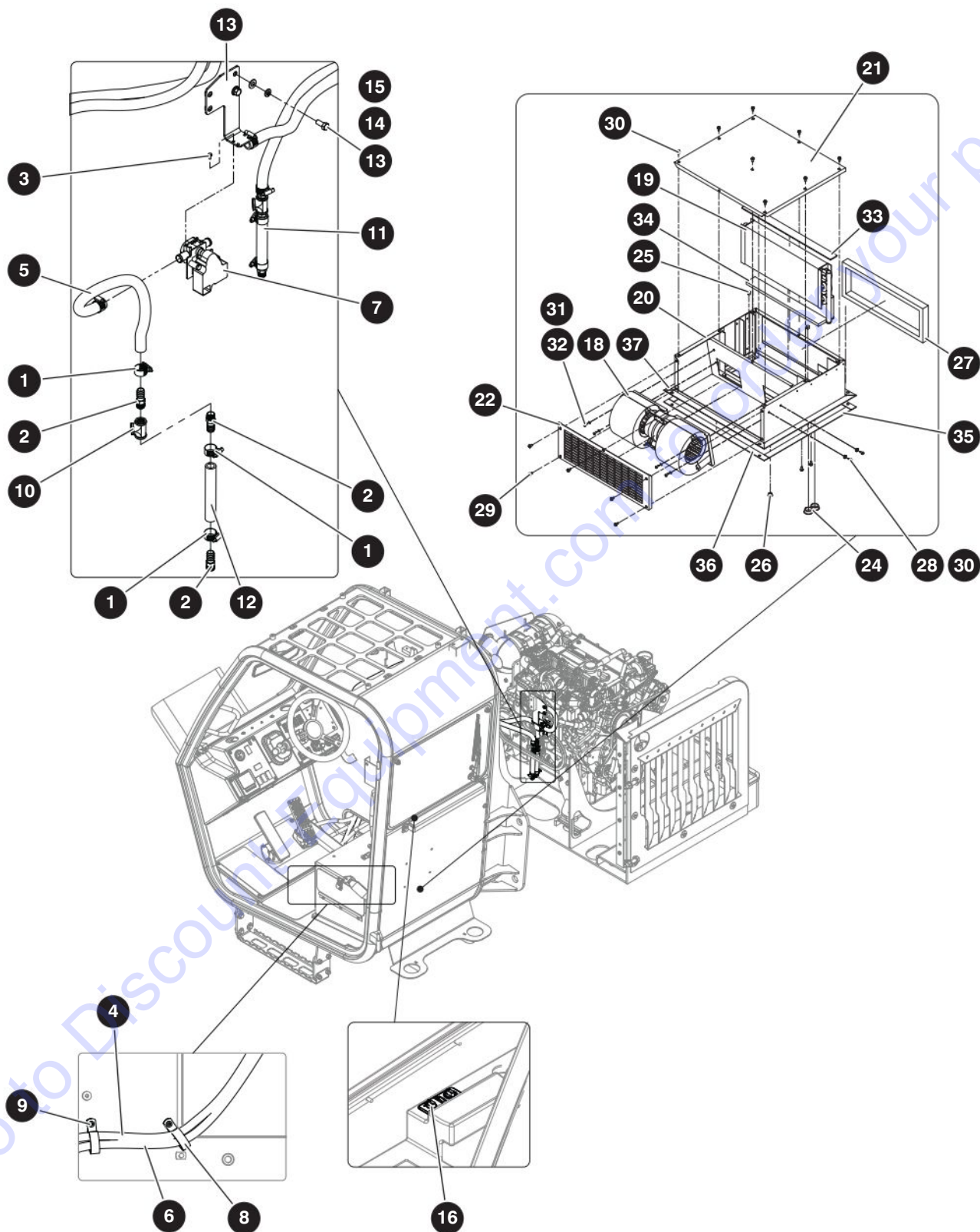
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SKYJACK

4.17 Door Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-198999	1	ASSEMBLY, DOOR LH
1	9-191946	1	• ASSEMBLY, Door window
2	9-191655	1	• WELDMENT, Door hinge top
3	9-191656	1	• WELDMENT, Door hinge bottom
4	9-191543	2	• SCREW, Machine 5/16-18 NC x 1-1/4" TH TRX
5	9-191561	1	• PROTECTIVE TRIM, Urethane
6	9-204275	1	• WINDOW, Upper rear door
7	9-204285	1	• SEAL, Bubble PSA 96" long
8	9-191701	1	• LATCH HANDLE, Dip round
9	9-191668	1	• WINDOW, Hold-open
10	9-191749	1	• STRAP, Door restraint
11	9-191699	2	• PIN, 5/16" x 2" With keeper
12	9-191574	9	• NUT HEX, 5/16"-18 nc flanged
13	9-191689	1	• BALL STUD
14	9-191691	1	• GAS SPRING, 20 psi x 17.2" ext stroke
15	9-191751	1	• HANDLE, Outside p/b key code 250
16	9-191921	1	• SEAL, Bubble loop 90
17	9-198998	1	• WELDMENT, LH door frame
-	9-191654	1	• WELDMENT, LH door frame with crystal cutout - Not shown
	9-191909	1	• WINDOW, lower, door (only for machines with crystal door) - Not shown
	9-191561	1	• PROTECTIVE TRIM, Urethane (only for machines with crystal door) - Not shown
18	9-191704	1	• HANDLE, L-Window stay 2-Pos
19	9-138834	2	• SCREW, Machine #10-24 NC X 3/4" PH Phillips
20	9-191686	2	• WASHER, flat 3/16" type a, w ser
21	9-126642	2	• NUT, Hex lock with nylon insert, #10-24 NC
22	9-191750	2	• SPACER, Seal gasket
23	9-106049	2	• BOLT, Carriage, 5/16"-18 x 1-1/4"
24	9-191698	2	• WASHER, Flat rubber EPDM
25	9-191705	3	• WASHER, Fender 11/32 ID X 1-1/4"
26	9-103999	8	• WASHER, Lock 3/8"
27	9-191542	8	• SCREW, 3/8"-16 NC x 3/4" BH TORX
28	9-232516	1	• SEAL, Rubber, bubble
29	9-103472	1	• WASHER Flat 3/8" type a, w ser
30	9-104000	1	• WASHER, Lock 1/4"
31	9-933627	1	• SCREW, Head head M6 x 25 X 1" Gr. 8
32	9-191573	1	• SCREW, Machine 5/16"-18 NC x 3/4" TH TRX
33	9-143728	3	• SCREW, Machine 5/16"-18 NC x 1-1/2" fh soc
34	9-191512	1	• PLUG HOLE, Plastic, 2-3/32" DIA
35	9-204283	4	• SPACER NYLON
36	9-191933	1	• SPACER, Window hold open
37	9-191918	1	• BUMPER, Neoprene 1" DIA
38	9-191702	1	NUT, Hex jam, M12 X 1.0 F
39	9-191703	1	STRIKER, Stud. 17 mm
40	9-191536	1	WASHER, Flat 1/2" type A, N SER
41	9-191927	1	WELDMENT, Hinge, bottom
42	9-191926	1	WELDMENT, Hinge upper

4.18 Cab Heater System

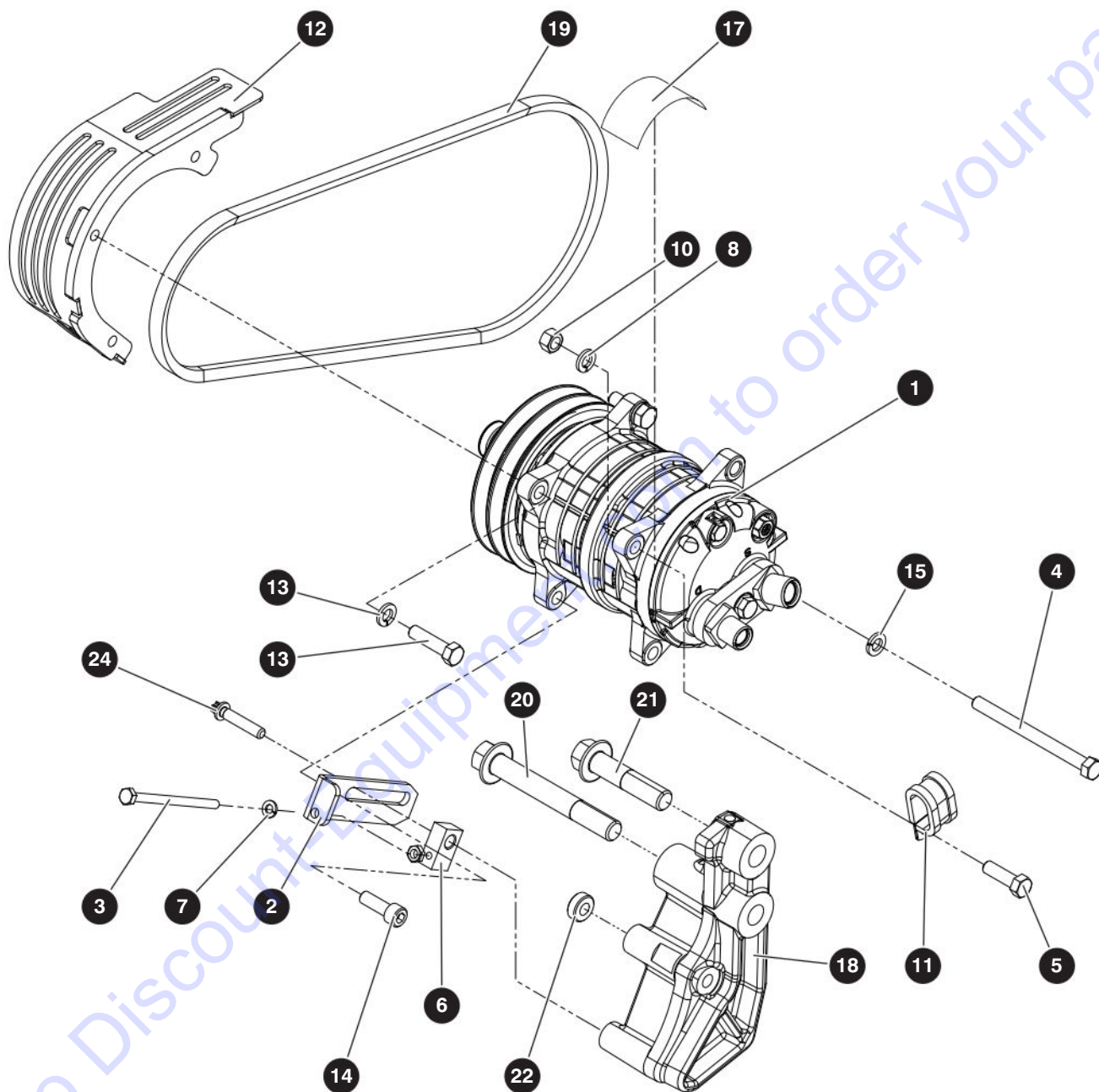


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4.18 Cab Heater System

Index No.	Skyjack Part No.	Qty.	Description
-	9-191878	1	ASSEMBLY, HEATER SUBGROUP 3.6L 107 HP
1	9-163521	10	• CLAMP, Gear 5/8"
2	9-191771	6	• FITTING, Hose 3/8" NPT, 5/8" hose
3	9-151405	2	• SCREW - Hex tapping (#8 x 3/8" Type B)
4	9-407024	142	• HOSE, 5/8" Heater
5	9-407024	20	• HOSE, 5/8" Heater
6	9-407024	142	• HOSE, 5/8" Heater
7	9-922724	1	• VALVE, Heater (motorized)
8	9-143987	2	• CLAMP, Loop cushion #40
9	9-170182	2	• BOLT, Button Head Cap, 3/8"-16 x 3/4"
10	9-191769	2	• TEE, Brass 3/8" NPT
11	9-407024	6	• HOSE, 5/8" Heater
12	9-407024	6	• HOSE, 5/8" Heater
13	9-103472	2	• WASHER, Flat 3/8"
14	9-103999	2	• WASHER, Lock 3/8"
15	9-300437	2	• BOLT, Hex head 3/8"-16 x 7/8" Gr. 5
16	9-191859	1	• WELDMENT, A/C Dryer Bracket
-	9-191682	1	ASSEMBLY, HEATER UNIT
17	9-191491	1	• CONTROLLER, HVAC
-	9-922749	1	• HEATER UNIT
18	9-197011	1	• • BLOWER 12V
19	9-197012	1	• • HEATER COIL
20	9-197013	1	• • CASING
21	9-197014	1	• • COVER
22	9-197015	1	• • FRONT COVER
23	9-197016	1	• • WIRING HS. (Not shown)
24	9-197017	2	• • PLUG, Snap-in hole 1"
25	9-197018	2	• • PLUG, Hole 3/8"
26	9-197019	1	• • PLUG, Hole 1/2"
27	9-197020	1	• • CC FOAM 5/8"x1"; L=970
28	9-197021	2	• • NUT, Lock #8-32
29	9-197022	15	• • SCREW #10-32 x 3/8"
30	9-197023	2	• • SCREW #8-32 x 3/8"
31	9-197024	4	• • SCREW #8-32 x 3/8"
32	9-197025	4	• • WASHER, Lock #8
33	9-197026	1	• • FOAM 1/4"x1 1/4"; 415
34	9-197027	1	• • FOAM 3/8"x1 5/8"; 338
35	9-197028	2	• • FOAM 1/16"x1"; 383.5 mm
36	9-197028	2	• • FOAM 1/16"x1"; 470 mm
37	9-197029	1	• • FOAM 3/16x1/2"; 390 mm

4.19 Cab A/C System



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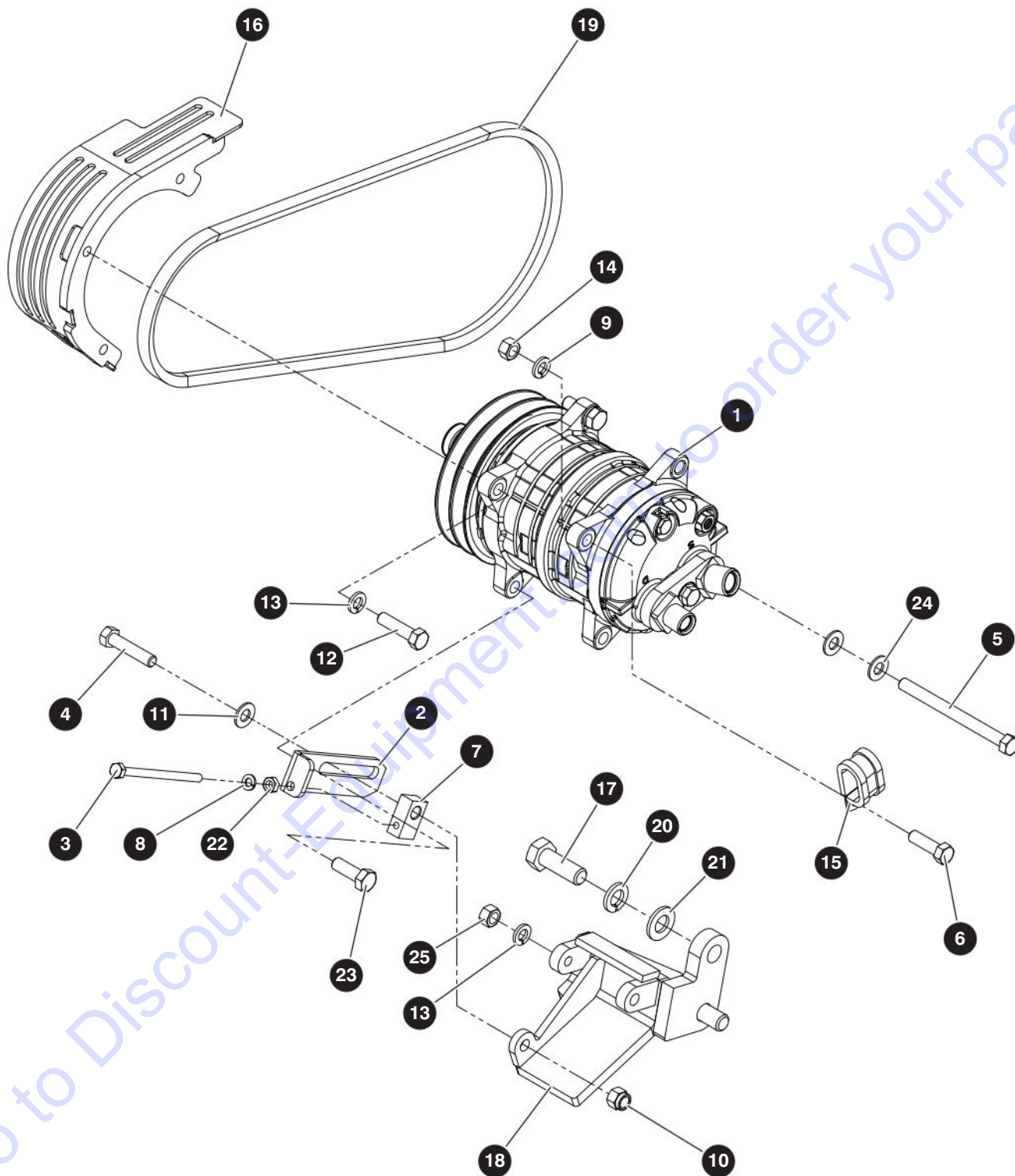
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SKYJACK

4.19 Cab A/C System

Index No.	Skyjack Part No.	Qty.	Description
-	9-191638	1	ASSEMBLY, A/C COMPRESSOR INSTALLATION
1	163903	1	• AC COMPRESSOR
2	191226	1	• PLATE, BELT TENSIONER
3	120738	1	• BOLT, Hex head 1/4"-20 x 4" Gr5
4	226207	1	• BOLT, Hex head M10 x 1.5 x 130 CL 8.8 Pt
5	101297	1	• BOLT, Hex head (3/8" - 16 x 1-1/4" Gr5)
6	191227	1	• BLOCK, Belt tensioner
7	104000	1	• WASHER, Lock 1/4"
8	103999	2	• WASHER, Lock 3/8"
9	130884	3	• WASHER, Lock M10 Plated din 127b
10	103978	1	• NUT, Hex 3/8"-16 Gr5
11	103078	1	• CLAMP, Loop cushion double G10
12	191856	1	• WELDMENT, AC Pully guard
13	115745	2	• BOLT, Hex head M10 x 1.5 x 30 mm CL 8.8 ZP
14	191757	1	• BOLT, Socket Head M10-1.50 x 30
15	933833	2	• WASHER, Flat M10-OD 20.0
16	217583	1	• NUT Hex M10 x 1.5 CL 8 ZP
17	922004	1	• LABEL, Refrigerant charge
18	236472	1	• BRACKET, A/C Modification, Deutz 3.6
19	236478	1	• NARROW V-BELT
20	236469	1	• BOLT, M16-2.0X120mm HEX HEAD FLANGE
21	236468	1	• BOLT, M16-2.0X70mm HEX FLANGE
22	236466	1	• DEUTZ BUSHING
23	103983	1	• NUT, HEX HD JAM 0.25-20 GR5
24	933770	1	• BOLT, HEX HD M8-1.25x40MM CL 8.8 YE
25	600184	1	• WASHER, FLAT M8 DIN 125 (600184)

4.20 A/C Compressor



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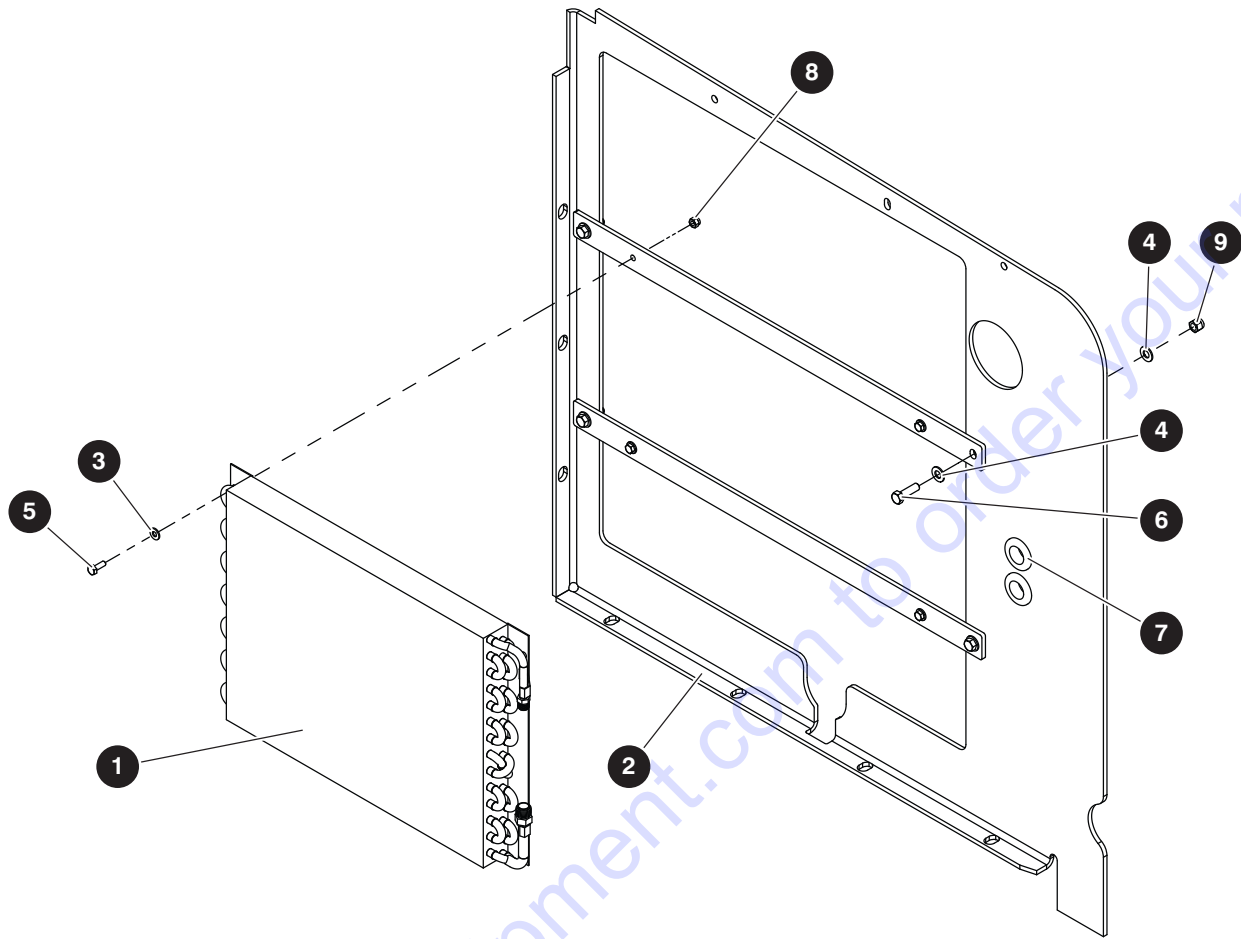
SJ1256 THS

SKYJACK

4.20 A/C Compressor

Index No.	Skyjack Part No.	Qty.	Description
-	9-191371	1	ASSEMBLY, A/C COMPRESSOR INSTALLATION
1	9-163903	1	• AC COMPRESSOR
2	9-191226	1	• PLATE, BELT TENSIONER
3	9-120738	1	• BOLT, Hex head 1/4"-20 X 4.000 Gr. 5
4	9-103871	1	• BOLT, Hex head 3/8"-16 X 1-3/4" Gr. 5
5	9-226207	1	• BOLT, Hex head M10 x 1.5 x 130 CL 8.8 PT ZP
6	9-101297	1	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
7	9-191227	1	• BLOCK, BELT TENSIONER
8	9-104000	1	• WASHER, Lock 1/4"
9	9-103999	2	• WASHER, Lock 3/8"
10	9-104606	1	• NUT, Lock 3/8"-16 Gr. 5 - NYL
11	9-103472	1	• WASHER, Flat 3/8"
12	9-115745	2	• BOLT, Hex head M10 X 1.5 X 30MM CL 8.8 ZP
13	9-130884	3	• WASHER LOCK M10-PLATED DIN 127B
14	9-103978	1	• NUT, HEX 3/8"-16 Gr. 5
15	9-103078	1	• CLAMP, LOOP CUSHION DOUBLE G10
16	9-191856	1	• WELDMENT, AC PULLY GUARD
17	9-933667	2	• BOLT, Hex head M16 X 2.0 X 40 mm CL 10.9
18	9-226201	1	• WELDMENT, AC BRACKET
19	9-191292	1	• V-BELT, A42
20	9-600510	2	• WASHER, Lock M16 - Plated din 127B
21	9-144329	2	• WASHER, Flat M16 din 125A, zinc
22	9-103983	1	• NUT, Hex head jam, 1/4"-20 Gr. 5
23	9-191757	1	• BOLT, Socket head M10-1.50x30
24	9-933833	2	• WASHER, FLAT M10-OD 20.0
25	9-217583	1	• NUT HEX M10 X 1.5 CL 8 ZP
26	9-922004	1	• LABEL, Refridgerant change (not shown)

4.21 A/C Condenser



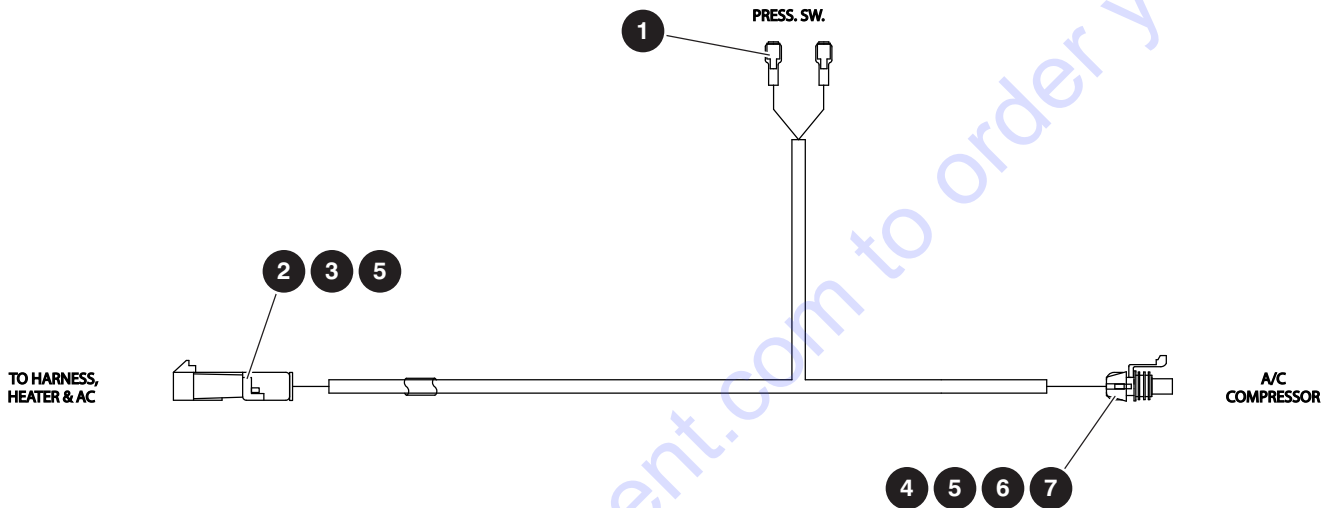
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Index No.	Skyjack Part No.	Qty.	Description
-	9-223538	1	ASSEMBLY, A/C CONDENSER
1	9-921525	1	• AC CONDENSER
2	9-223539	2	• A/C BRACKET
3	9-103995	4	• WASHER, FLAT 1/4"0
4	9-103472	8	• WASHER FLAT 3/8"
5	9-103856	4	• BOLT, Hex head 1/4"-20 X 3/4" Gr. 5
6	9-101297	4	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
7	9-191284	2	• GROMMET, RUBBER 1.00 ID X1.38 OD X.250TK
8	9-115649	4	• NUT, LOCK 1/4"-20 Gr. 5 - NYL
9	9-104606	4	• NUT, LOCK 3/8"-16 Gr. 5 - NYL

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4.22 A/C Harness



M191598AB

Index No.	Skyjack Part No.	Qty.	Description
-	9-191598	1	HARNESS, A/C
1	9-114595	2	• TERMINAL, Female disc. insulated (22-18 GA)
2	9-156106	1	• CONNECTOR 1M, W/P
3	9-156139	1	• TERMINAL, Male sealed (2.0-1.0 mm ²), W/P
4	9-156142	1	• TERMINAL, Female sealed (2.0-1.0 mm ²), 280 M/P Tangless
5	9-124369	2	• SEAL, Wire green (2.9-2.0 mm), 280 M/P
6	9-156303	1	• CONNECTOR 1F, 280 M/P
7	9-156304	1	• TERMINAL, Position assurance 1W 280 M/P

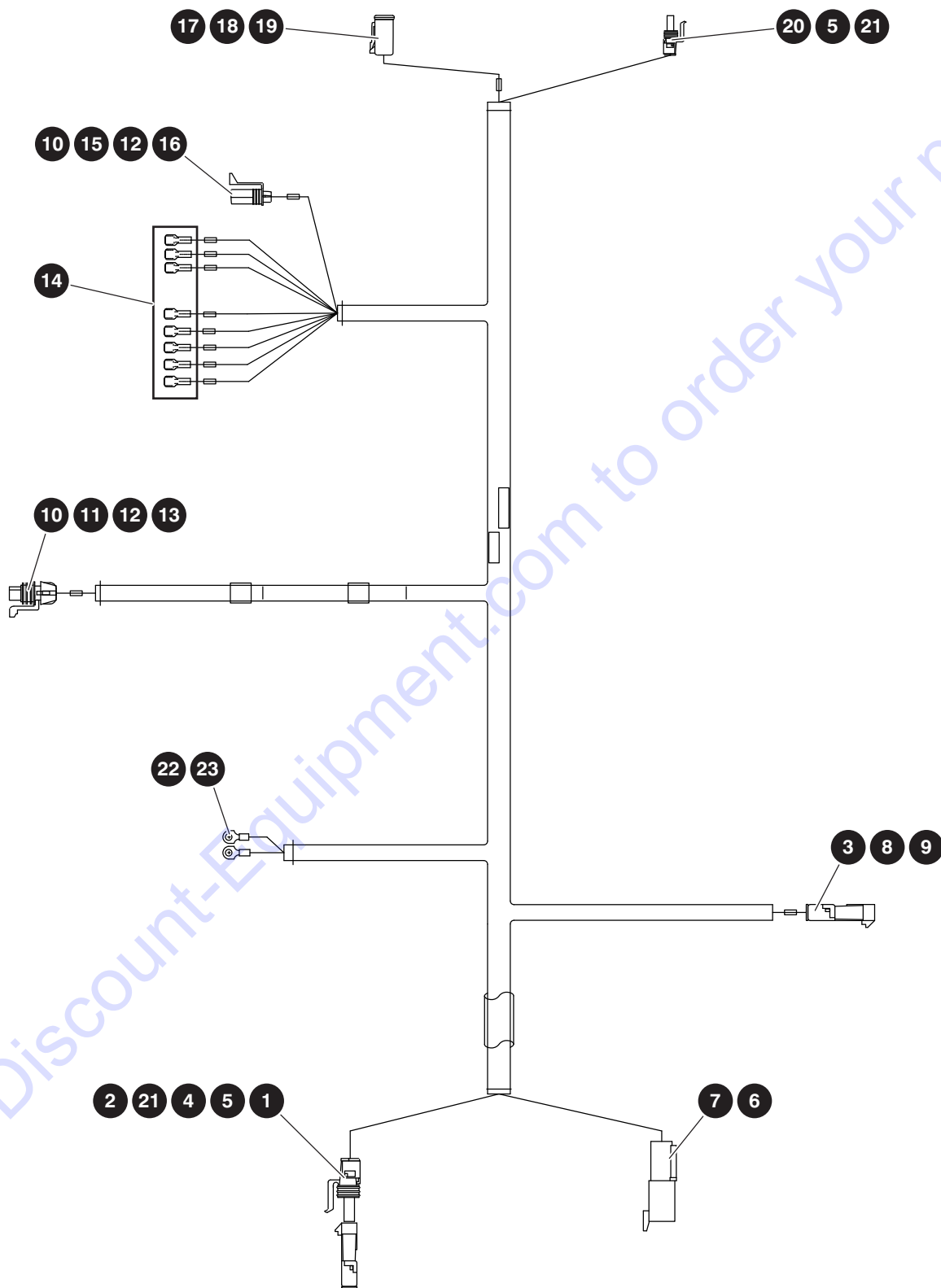
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4.23 A/C and Heater Harness



M191490AC

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SKYJACK

4.23 A/C and Heater Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-191490	1	HARNESS, A/C AND HEATER
1	9-156106	1	• CONNECTOR 1M, W/P
2	9-156108	1	• CONNECTOR 1F, W/P
3	9-156147	1	• WIRE SEAL, Gray (3.5-2.8 mm), 280 M/P
4	9-156104	1	• PLUG CAVITY 1W, 280 M/P & W/P
5	9-156137	1	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
6	9-156168	1	• PIN, Solid (8-10 AWG)
7	9-156181	1	• ASSEMBLY, Connector 1M, DTHD
8	9-156105	1	• CONNECTOR 2M, W/P
9	9-156139	2	• TERMINAL, Male sealed (2.0-1.0 mm ²), W/P
10	9-156146	6	• WIRE SEAL, Red (2.9-2.0 mm), 150 M/P
11	9-156298	1	• CONNECTOR 6F, 150 M/P
12	9-124365	6	• TERMINAL, Female sealed (1.0-0.5 mm ²), 150 M/P
13	9-156299	1	• TERMINAL, position assurance 6W 150 M/P
14	9-105359	8	• TERMINAL, Female disc. (10-12AWG)
15	9-156124	1	• TERMINAL, position assurance 3W 150 M/P
16	9-156131	1	• CONNECTOR 3F, 150 M/P
17	9-156187	1	• ASSEMBLY, Connector 4F, DTP
18	9-156158	4	• SOCKET (10-12 AWG), Formed
19	9-156199	1	• WEDGE, Socket
20	9-124036	1	• CONNECTOR 2F, W/P
21	9-156170	4	• WIRE SEAL (2.1-1.2 mm), Light blue
22	9-156222	1	• TERMINAL, M10 ring (5.0 mm ²)
23	9-156259	1	• TERMINAL, M10 ring (3.0-2.0 mm ²)

Section 5 – Electrical

5.1 *Chassis Harness*

5.2 *Engine Harness*

5.3 *Console Harness*

5.4 *DEF Engine Harness*

5.5 *Low Fuel Pressure Harness*

5.6 *Alternator Cable Harness*

5.7 *Glow Plug Harness*

5.8 *CVT Transmission Harness*

5.9 *CVT Vehicle Harness*

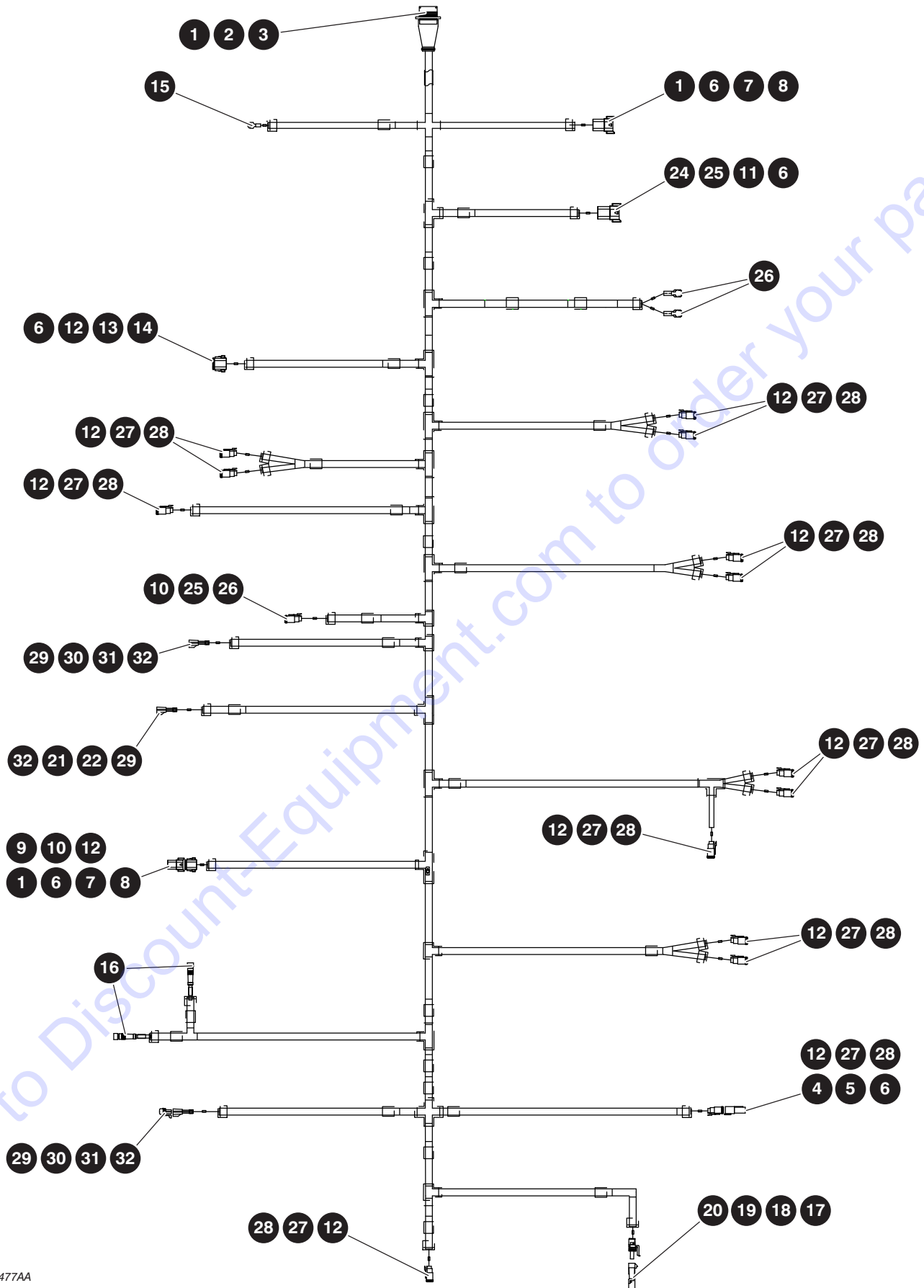
5.10 *Battery*

5.11 *Battery Disconnect*

5.12 *Battery Cables*

5.13 *Tilt Sensor*

5.1 Chassis Harness



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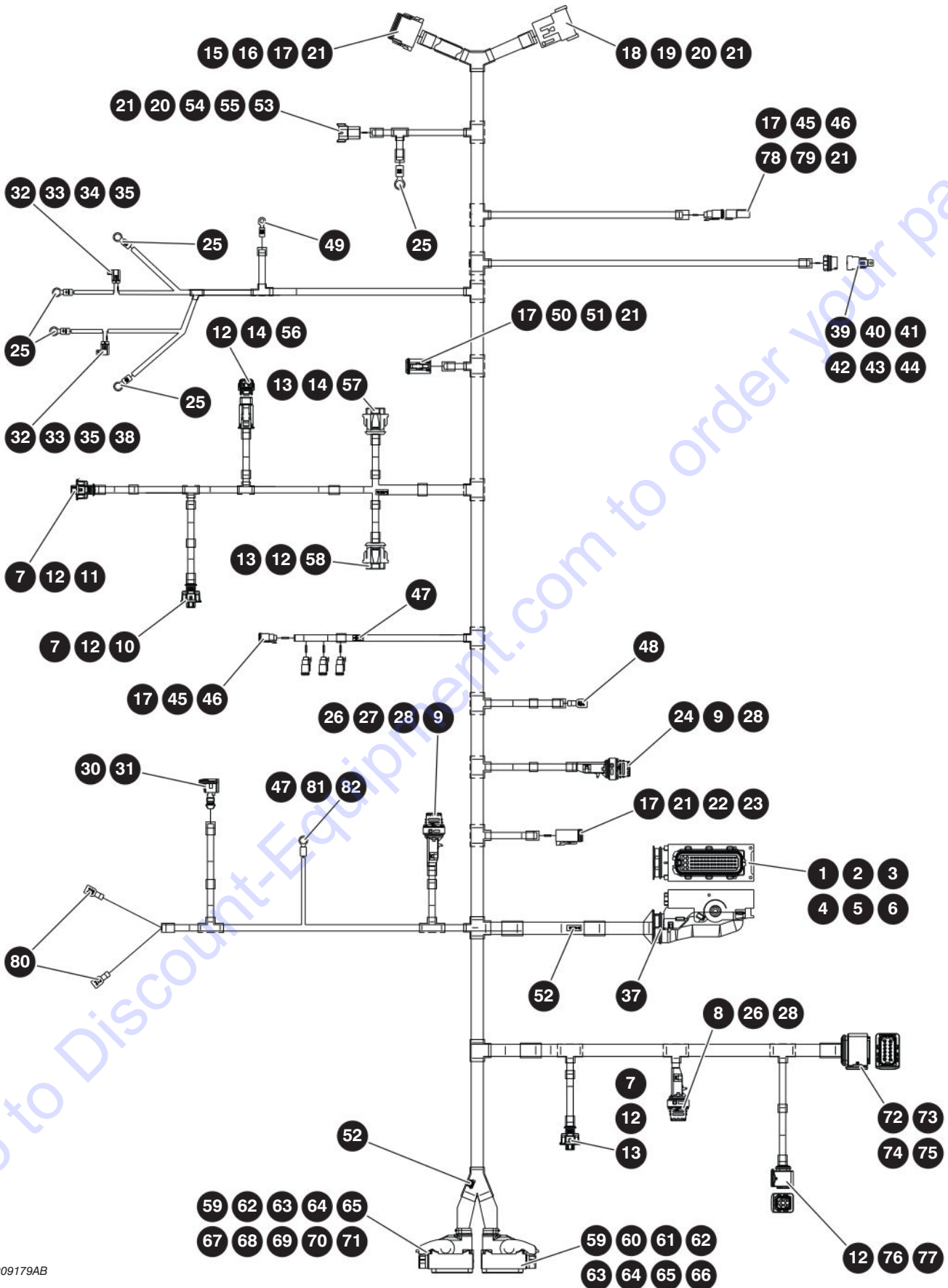
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5.1 Chassis Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-199477	1	ASSEMBLY, TH CHASSIS HARNESS
1	9-156155	40	• PIN (16-20 AWG), Solid
2	9-156189	1	• CONNECTOR, 34M, HD34
3	9-156195	1	• STRAIN RELIEF, Straight
4	9-117596	1	• CONNECTOR Assembly 2M, DT
5	9-117598	1	• WEDGE, Pin W2P
6	9-117594	18	• PLUG, Sealing
7	9-117578	2	• CONNECTOR, Receptacle 4pin
8	9-117580	2	• WEDGE, W4P
9	9-117579	1	• CONNECTOR, 4F, DT
10	9-117581	1	• WEDGE, Socket
11	9-117590	6	• CONNECTOR, Contact pin 16-18
12	9-117591	40	• SOCKET (16-18 AWG), Solid
13	9-117583	1	• CONNECTOR, 8F, DT
14	9-117585	1	• WEDGE, Plug
15	9-156259	1	• TERMINAL, M10 Ring (3.0-2.0 mm ²)
16	9-190577	2	• CABLE, Sensor TH
17	9-156105	1	• CONNECTOR 2M, W/P
18	9-124036	1	• CONNECTOR 2F, W/P
19	9-156137	2	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
20	9-156147	2	• SEAL, Wire gray (3.5-2.8 mm), 280 M/P
21	9-190340	1	• CONNECTOR 3M, 280 M/P
22	9-190341	1	• TPA, 3W 280 M/P
23	9-102921	1	• DIODE T6A40L
24	9-117582	1	• CONNECTOR, 8M, DT
25	9-117584	1	• PLUG, W8P wedge
26	9-114595	2	• TERMINAL, Female disc. insulated (22-18 GA)
27	9-117597	15	• CONNECTOR, 2F, DT
28	9-117599	15	• WEDGE, Socket W2S
29	9-156120	2	• TERMINAL, Male (1.0-0.8 mm ²), 280 M/P
30	9-156144	2	• CONNECTOR 2M, 280 M/P
31	9-156145	2	• TPA, 2W 280 M/P
32	9-124369	2	• SEAL, Wire green (2.9-2.0 mm), 280 M/P

5.2 Engine Harness

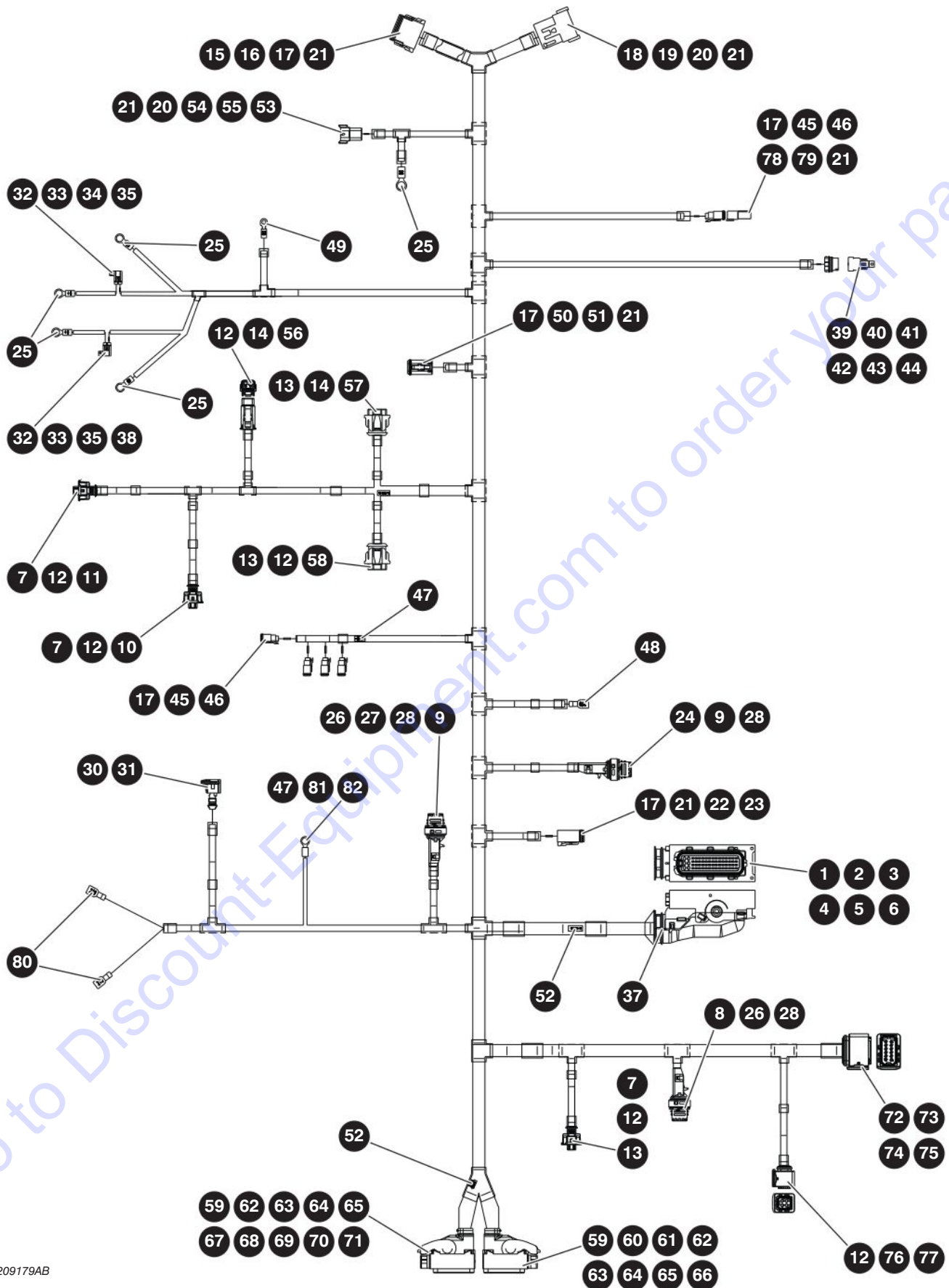


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5.2 Engine Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-209179	-	HARNESSES, ENGINE DEUTZ 3.6L 107 HP
1	9-164544	1	• ASSEMBLY, Connector 62F, AMP MCP
2	9-164545	1	• COVER, 62 pin connector
3	9-164546	40	• TERMINAL FEMALE (1.0-0.5mm ²), MCP
4	9-164548	18	• CAVITY PLUG 3.6mm, MCP
5	9-164549	4	• TERMINAL FEMALE (2.5-1.0mm ²), MCP
6	9-164551	2	• CAVITY PLUG 5.4mm, MCP
7	9-191027	3	• SOCKET HOUSING
8	9-191630	2	• SEAL, Wire 13-17 AWG
9	9-190372	5	• SEAL, Wire
10	9-191631	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Gold
11	9-191632	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Silver
12	9-164578	18	• SEAL, WIRE
13	9-191040	10	• TERMINAL, 0.5 - 1.0 MM ²
14	9-191633	1	• PLUG, Socket 16-20AWG
15	9-117587	1	• CONNECTOR, Plug 12-pin
16	9-117589	1	• CONNECTOR, Plug 12-pin wedge
17	9-117591	34	• CONNECTOR, Contact socket 16-18
18	9-117586	1	• CONNECTOR, Receptacle 12-pin
19	9-117588	1	• CONNECTOR, Receptacle 12-pin wedge
20	9-117590	17	• CONNECTOR, Contact pin 16-18
21	9-117594	6	• CONNECTOR, Sealing plug
22	9-117579	1	• CONNECTOR, Plug 4-pin
23	9-117581	1	• CONNECTOR, Plug 4-pin wedge
24	9-198634	1	• CONNECTOR 4F, 2.5mm Circular
25	9-156219	5	• TERMINAL, M8 Ring (5.0 mm ²)
26	9-164579	2	• CONNECTOR 4F, 2.5mm Circular
27	9-164580	1	• STRAIN Relief, Straight
28	9-164581	8	• TERMINAL FEMALE (1.0-0.5mm ²), 2.5mm CIRC.
29	9-164551	3	• CAVITY PLUG, JPT
30	9-156163	1	• ASSEMBLY, Connector 2F, AMP
31	9-156174	2	• TERMINAL, Female (1.0-0.5 mm ²), JPT
32	9-156127	2	• CONNECTOR 2F, 630 M/P Fuse holder
33	9-156118	4	• TERMINAL, Female (5.0-3.0 mm ²), 630 M/P pull-to-seat
34	9-156164	1	• FUSE, 30A
35	9-156117	2	• COVER, Inline autofuse
36	9-113719	51	• TIEWRAP 3 5/8 Long black
37	9-102891	3	• TIEWRAP 7 1/4 Long black
38	9-121504	1	• FUSE, 20A
39	9-156104	4	• PLUG CAVITY 1W, 280 M/P & W/P
40	9-156132	1	• CONNECTOR 5F, 280 M/P
			Part list continued in following page

5.2 Engine Harness



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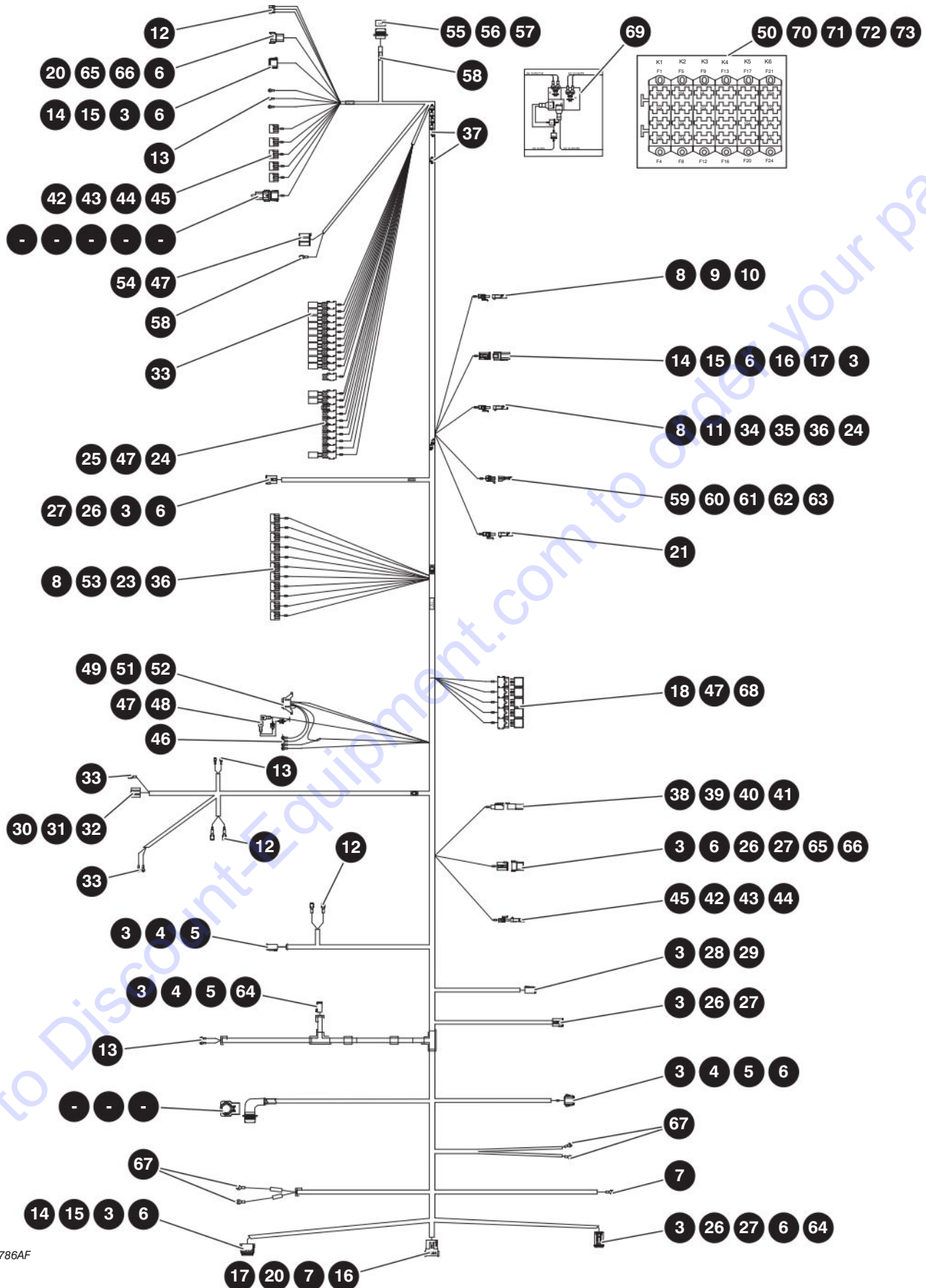
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SKYJACK

5.2 Engine Harness

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
41	9-156133	1	• TPA, 5W 280 M/P
42	9-156134	2	• TERMINAL, Female sealed (5.0-3.0 mm ²), 280M/P tangless
43	9-156142	2	• TERMINAL, Female sealed (2.0-1.0 mm ²), 280 M/P tangless
44	9-156200	1	• RELAY
45	9-117597	5	• ASSEMBLY, Connector 2F, DT
46	9-117599	5	• WEDGE, Socket
47	9-102921	1	• DIODE T6A40L
48	9-105359	3	• TERMINAL, Female 14-16GA INSL.Blue
49	9-156221	1	• TERMINAL, M10 RING (2X 1.0-0.8mm ²)
50	9-117583	1	• ASSEMBLY, Connector 8F, DT
51	9-117585	1	• WEDGE, Socket
52	9-163021	3	• RESISTOR
53	9-117592	1	• CONNECTOR, Contact pin 14-16
54	9-117582	1	• ASSEMBLY, Connector 8M, DT
55	9-117584	1	• W8P WEDGE, Pin
56	9-191629	2	• TERMINAL, Socket 16-22 AWG
57	9-191634	1	• CONNECTOR, 4W Compact 1.1M
58	9-191635	1	• CONNECTOR, 4W Compact 1.1M OX
59	9-191013	2	• COVER, 105-WAY / 91-WAY
60	9-191014	1	• CONTACT HOUSING, 105-way
61	9-191015	1	• SECONDARY LOCK SIGNAL, 105-way
62	9-191016	66	• TERMINAL, MATRIX 1.2 - Clean body
63	9-191017	22	• TERMINAL, MATRIX 1.2 - Clean body 1.5MM ²
64	9-191018	94	• CAVITY, PLUG 3/4"MM ²
65	9-191019	8	• CAVITY, PLUG
66	9-191020	1	• RETAINING PLATE, 105P
67	9-191021	1	• CONTACT HOUSING, 91-WAY
68	9-191022	1	• SECONDARY Lock signal, 91P
69	9-191023	1	• SECONDARY Lock power, 94P
70	9-191024	6	• TERMINAL, 2.8 BTL
71	9-191026	1	• RETAINING Plate, 91P
72	9-191623	7	• TERMINAL, Female 1.5 MCP 17-20 AWG
73	9-191626	2	• PLUG, Cavity
74	9-191627	3	• TERMINAL, Female 1.5MCP 15-17 AWG
75	9-191628	1	• CONNECTOR, MCP1.5 12 Socket
76	9-191636	1	• CONNECTOR, MCP 4W Socket
77	9-191637	4	• TERMINAL, Female 0.5-1.0 MM ² Gold
78	9-117596	1	• ASSEMBLY, Connector 2M, DT
79	9-117598	1	• WEDGE, PIN W2P
80	9-105359	2	• TERMINAL, Female, 14-16ga, insulated blue
81	9-134493	1	• TERMINAL, Ring, 0.22-16GA x 1/4", red
82	9-220147	1	• RESISTOR, 47 ohm, 5 watt

5.3 Console Harness

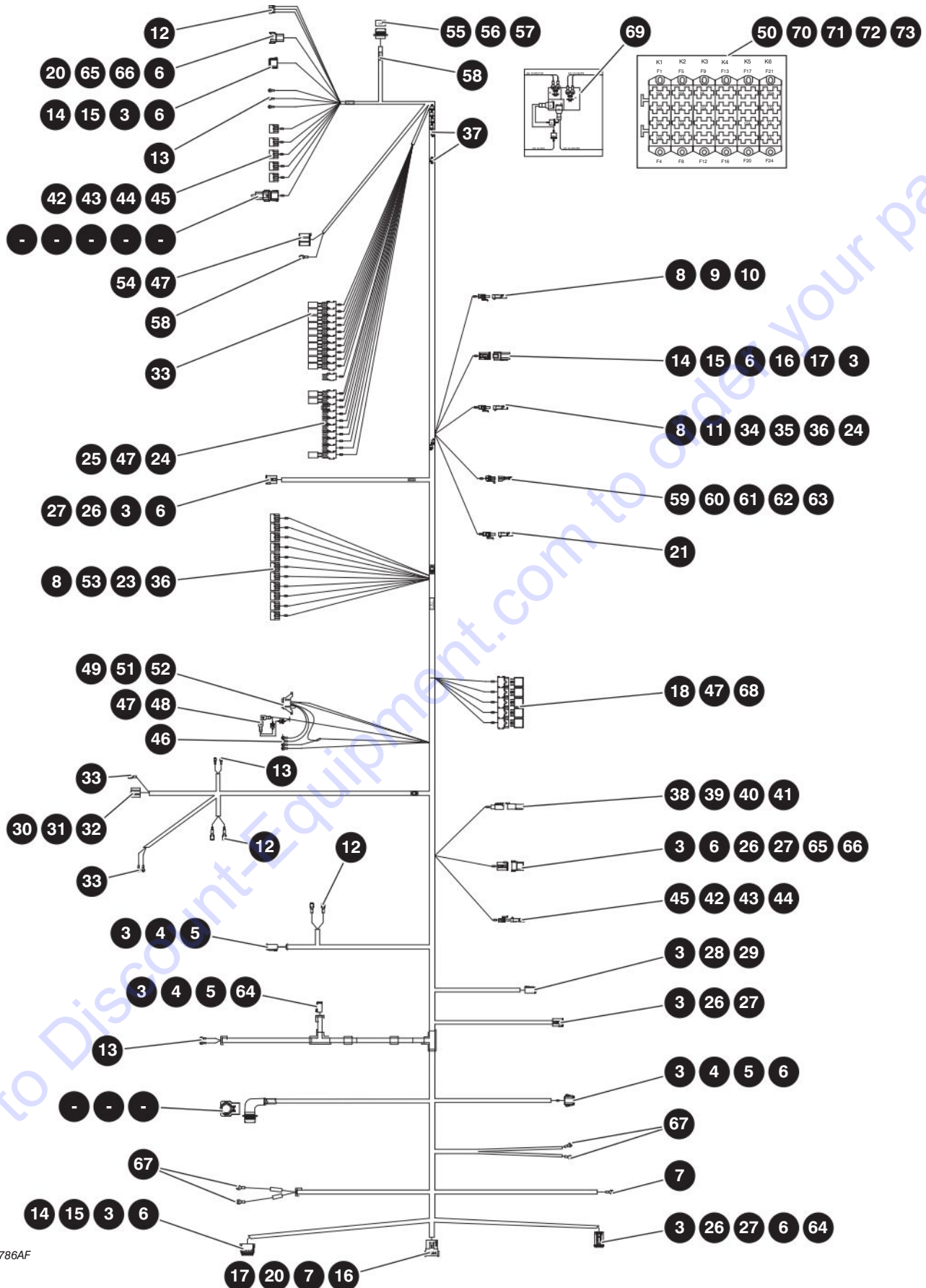


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5.3 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-216786	1	HARNES, CONSOLE 107 HP
1	9-156190	1	• ASSEMBLY, Connector 34F, HD34
2	9-156196	1	• STRAIN RELIEF, 90°
3	9-117591	91	• SOCKET (16-18 AWG), solid
4	9-117579	3	• ASSEMBLY, Connector 4F, DT
5	9-117581	3	• WEDGE, Socket
6	9-117594	51	• SEALING PLUG
7	9-156222	1	• TERMINAL, M10 RING (5.0 mm ²)
8	9-156104	8	• PLUG CAVITY 1W, 280 M/P & W/P
9	9-156106	1	• CONNECTOR 1M, W/P
10	9-156108	1	• CONNECTOR 1F, W/P
11	9-156137	8	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
12	9-105359	7	• TERMINAL, Female disc. insulated (14-16 GA)
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	2	• CONNECTOR, Receptacle 12-pin
17	9-117588	2	• CONNECTOR, Receptacle 12-pin wedge
18	9-138749	5	• SOCKET, Relay
19	9-164855	2	• RESISTOR 1.0K 1/2 Watt axial lead
20	9-117590	16	• CONNECTOR, Contact pin 16-18
21	9-156109	1	• CONNECTOR 4F, W/P
22	9-156259	1	• TERMINAL, M10 Ring (3.0-2.0 mm ²)
23	9-124036	1	• ASSEMBLY, Connector 2F, W/P
24	9-931298	13	• RELAY, Mini iso
25	9-156166	21	• SOCKET, Relay
26	9-117583	3	• ASSEMBLY, Connector 8F, DT
27	9-117585	3	• WEDGE, Socket
28	9-156180	1	• ASSEMBLY, Connector 6F, DT
29	9-156194	1	• WEDGE, Plug
30	9-156101	1	• CONNECTOR 6F, 56 Series
31	9-156135	3	• TERMINAL, Female (2.0-1.0 mm ²), 56 series
32	9-156136	1	• TERMINAL, Female (2x 2.0-1.0 mm ²), 56 Series
33	9-114595	5	• TERMINAL, Female disc. insulated (22-18 GA)
34	9-156113	1	• CONNECTOR 3M, W/P
35	9-156114	1	• CONNECTOR 3F, W/P
36	9-156138	3	• TERMINAL, Female sealed (3.0-2.0 mm ²), W/P
			Part list continued in following page

5.3 Console Harness

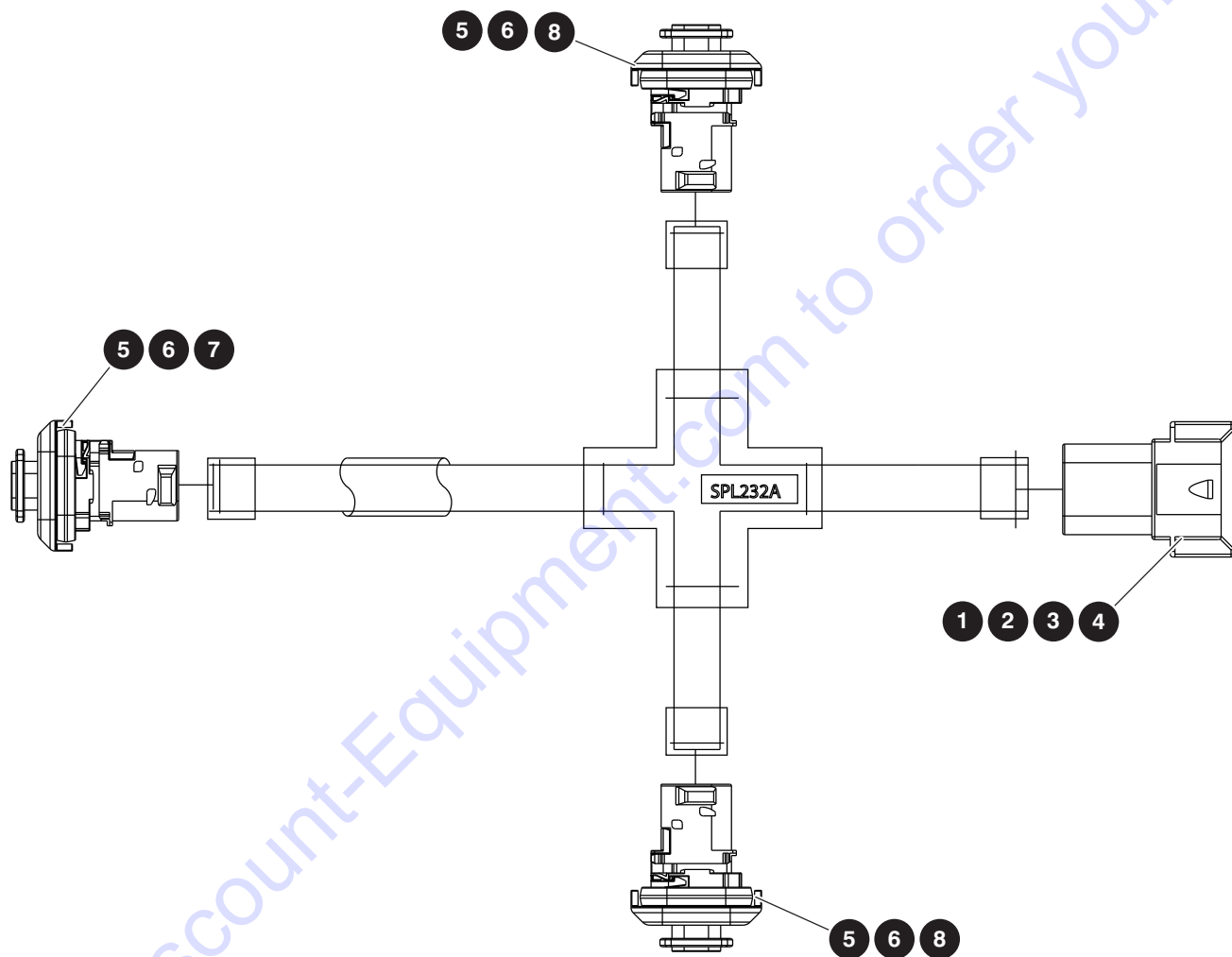


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5.3 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page
37	9-102921	11	• DIODE T6A40L
38	9-156157	1	• SOCKET (8-10 AWG), Solid
39	9-156182	1	• ASSEMBLY, Connector 1F, DTHD
40	9-156181	1	• ASSEMBLY, Connector 1M, DTHD
41	9-156168	1	• PIN (8-10 AWG), Solid
42	9-156162	16	• SOCKET, 10-way
43	9-164551	65	• CAVITY PLUG, JPT
44	9-156173	6	• TERMINAL, Female (2.5-1.5 mm ²), JPT
45	9-156174	68	• TERMINAL, Female (1.0-0.5 mm ²), JPT
46	9-156215	4	• TERMINAL, M5 Ring (5.0 mm ²)
47	9-126808	59	• TERMINAL, Female (2.0-0.8 mm ²)
48	9-105358	1	• CONNECTOR 2F, AMP
49	9-156102	25	• TERMINAL, Female (5.0-3.0 mm ²), Pack-con
50	9-156103	6	• FUSEBLOCK
51	9-156110	12	• TERMINAL FEMALE (2.0-1.0 mm ²), Pack-con
52	9-156111	1	• TERMINAL FEMALE (0.8-0.5 mm ²), Pack-con
53	9-156105	1	• CONNECTOR 2M, W/P
54	9-156165	1	• SOCKET, Relay
55	9-164860	1	• ASSEMBLY, Connector, 12F Cannon trident
56	9-164861	1	• CABLE CLAMP, Cannon trident
57	9-164862	4	• TERMINAL, Female, 18-16GA Gold cannon trident
58	9-163021	2	• RESISTOR
59	9-156125	6	• PLUG CAVITY 1W, 150 M/P
60	9-156129	2	• TPA, 5W 150 M/P
61	9-156130	1	• CONNECTOR 5M, 150 M/P
62	9-156143	1	• CONNECTOR 5F, 150 M/P
63	9-124365	4	• FEMALE, Terminal sealed (1.0-0.5 mm ²), 150 M/P
64	9-117593	2	• SOCKET (14-16 AWG), Solid
65	9-117584	2	• W8P WEDGE, Plug
66	9-117582	2	• ASSEMBLY, Connector 8M, DT
67	9-156219	4	• TERMINAL, M8 Ring (5.0 mm ²)
68	9-127131	5	• RELAY 12V 40 AMP
69	9-226119	1	• POWER RELAY 75 A
70	9-156202	4	• FUSE, 5A
71	9-156203	8	• FUSE, 10A
72	9-156204	2	• FUSE, 15A
73	9-156164	1	• FUSE, 30A
74	9-199144	54	• TERMINAL, 3/16" SRS Fastin-on RCPT PH-BR
75	9-129258	1	• DIODE 1A
76	9-220611	1	• CONNECTOR, DEUTSCH DTM06-12S
77	9-220612	1	• CONNECTOR, DEUTSCH DTM06 WEDGE
78	9-220613	9	• CONNECTOR, CONTACT SOCKET NO.20
79	9-221144	1	• SEALING PLUG, DEC SERIES
80	9-156152	3	• HARNESS, TRACK UNIT BYPASS

5.4 DEF Engine Harness



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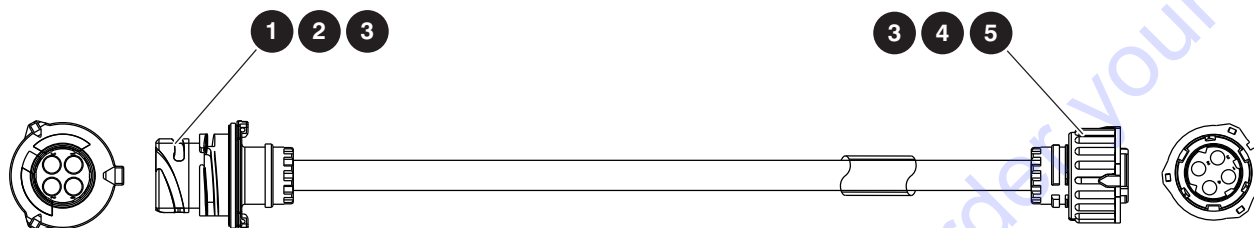
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SKYJACK

5.4 DEF Engine Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-191614	-	HARNES, ENGINE DEF
1	9-117578	1	• ASSEMBLY, Connector 4M DT
2	9-117580	1	• WEDGE, Socket
3	9-117590	3	• CONNECTOR, Contact pin 16-18
4	9-117592	1	• CONNECTOR, Contact pin 14-16
5	9-164550	6	• WIRE SEAL, White (2.2-3.0mm), MCP
6	9-191028	6	• TERMINAL, Male 14-18 AWG
7	9-191039	1	• RECEPTACLE, MCP 2.8 A
8	9-191041	2	• RECEPTACLE, MCP 2.8 B

5.5 Low Fuel Pressure Harness



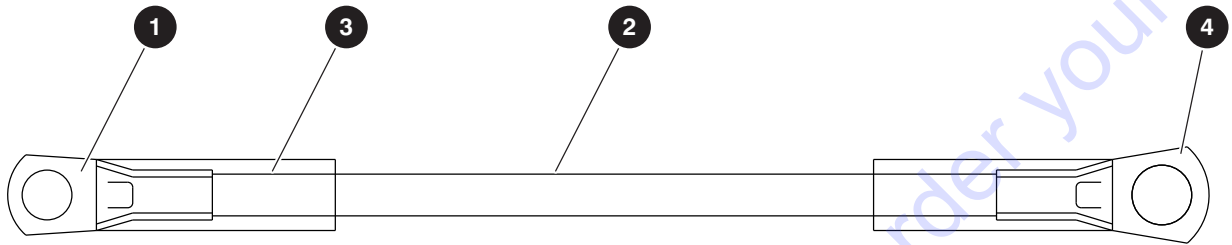
M191047AB

Index No.	Skyjack Part No.	Qty.	Description
-	9-191047	-	HARNESS, FUEL LOW PRESSURE
1	9-164579	1	• CONNECTOR 4F, 2.5mm circular
2	9-190371	4	• SOCKET, 1.00 - 2.50MM2
3	9-190372	8	• WIRE SEAL
4	9-191045	1	• CONNECTOR 4P
5	9-191046	4	• PIN, 1.00 - 2.50MM2

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5.6 Alternator Cable Harness



M191641AA

Index No.	Skyjack Part No.	Qty.	Description
-	9-191641	-	CABLE-ALTERNATOR TCD 3.6
1	9-115236	1	• TERMINAL, 6 GA * 5/16"
2	9-103147	56"	• CABLE, Welding # 6 GA (raw material)
3	9-103754	3	• SLEEVING, Heatshrink, Clear 1/2"
4	9-102947	1	• TERMINAL, 6 GA * 3/8"

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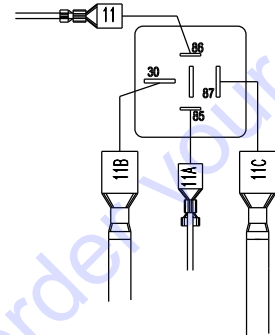
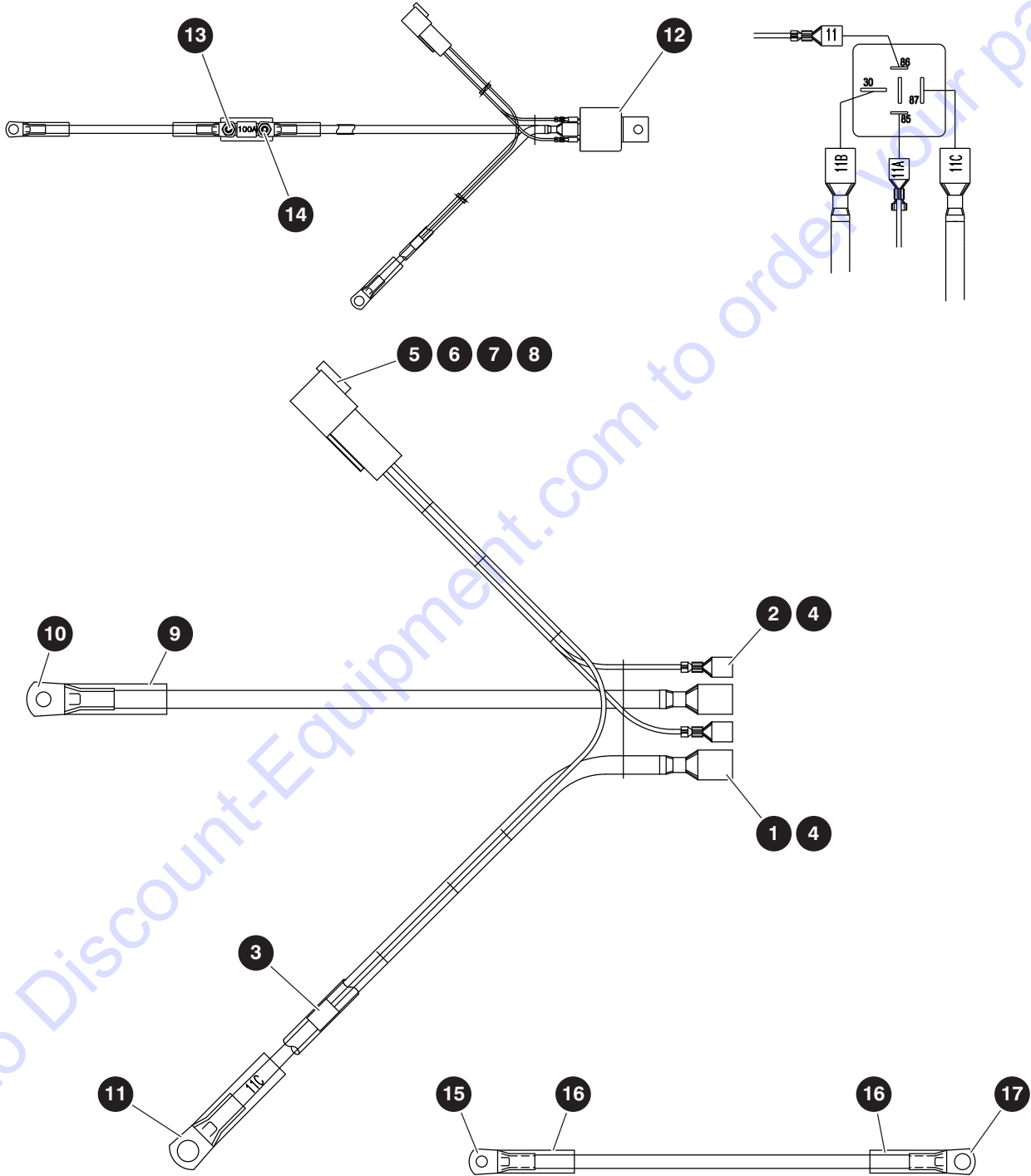
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5.7 Glow Plug Harness



CONNECTOR J5
 PIN 1 - 11C BLACK
 PIN 2 - 11A BLACK
 PIN 3 - 11 RED
 PIN 4 - PLUGGED

RELAY CONNECTION DETAIL
 TERM 30 - 11B (8GA)
 TERM 85 - 11A (18GA)
 TERM 86 - 11 (18GA)
 TERM 87 - 11C (8GA)



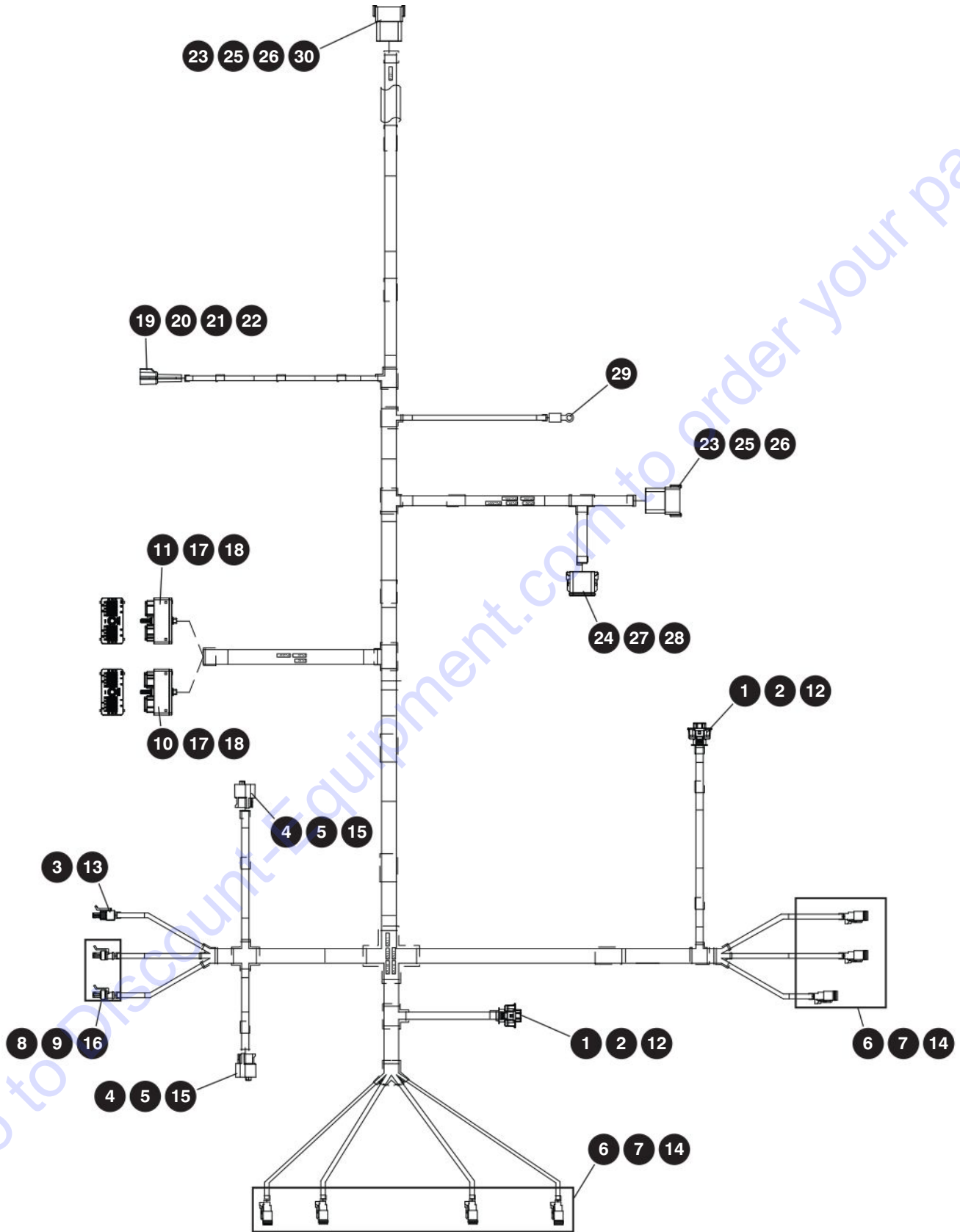
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5.7 Glow Plug Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-190367	-	ASSEMBLY, GLOW PLUG HARNESS
-	9-191645	1	• HARNESS - Glow plug relay TCD3.6
1	9-138846	2	• • TERMINAL, 8-10GA, .38, Non-insulated
2	9-126808	2	• • TERMINAL, 14-18 GA, .25, Non-insulated
3	9-139158	1	• • SPLICE, Parallel 6 GA Non-insulated
4	9-113584	6.5	• • HEATSHRINK 1/2" Black
5	9-117578	1	• • CONNECTOR, Receptacle 4-pin
6	9-117580	1	• • CONNECTOR, Receptacle 4-pin wedge
7	9-117590	3	• • CONNECTOR, Contact pin 16-18
8	9-117594	1	• • CONNECTOR, Sealing plug
9	9-166530	1.5	• • HEATSHRINK 1/2" WHITE
10	9-166531	1	• • TERMINAL 8GA * #10 Ring non-insulated
11	9-191644	1	• • TERMINAL 8GA * 1/4 Ring non-insulated
12	9-165029	1	• RELAY, 150A 12V SPST
13	9-165030	1	• FUSE HOLDER - INLINE, MIDI
14	9-165031	1	• FUSE - 100A, Bolt-down
-	9-191642	1	• WIRE ASSEMBLY - Glow plug power TCD3.6
15	9-191643	1	• • TERMINAL 8GA * 3/8 Ring non-insulated
16	9-166530	3	• • HEATSHRINK 1/2" White
17	9-166531	1	• • TERMINAL 8GA * #10 Ring non-insulated

5.8 CVT Transmission Harness



M220793AB

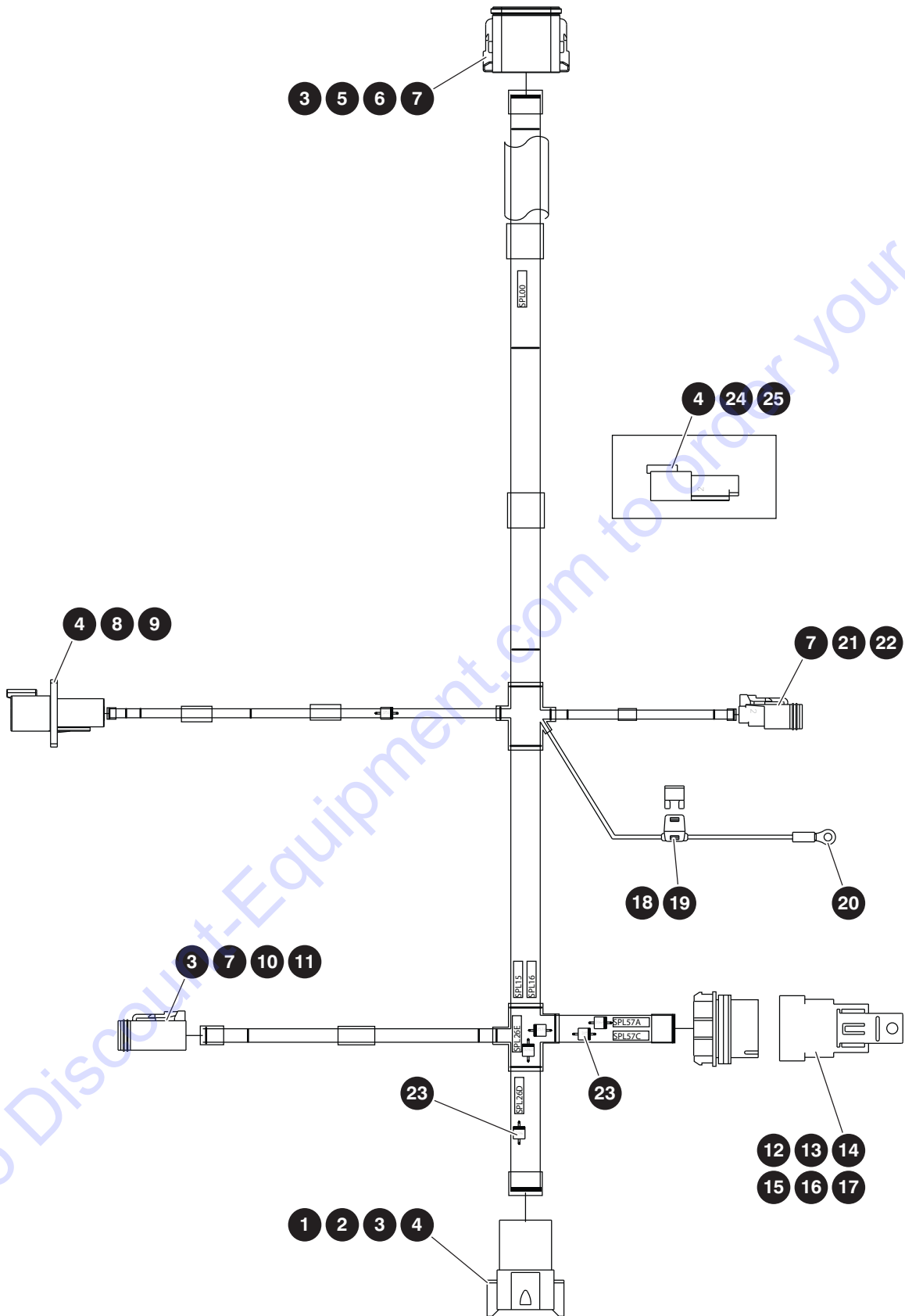
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5.8 CVT Transmission Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-220793	1	HARNESS, TRANSMISSION CVT
1	9-216756	2	CONNECTOR, PLUG - 3 WAY
2	9-216757	6	SEAL, CONNECTOR - 1.2-2.1 mm
3	9-216758	1	CONNECTOR, PLUG - 4 WAY
4	9-216759	2	CONNECTOR, PLUG - 2 WAY
5	9-216760	4	SEAL, CONNECTOR - 1.4-1.9 mm
6	9-117597	7	CONNECTOR - PLUG 2-PIN
7	9-117599	7	CONNECTOR - PLUG 2-PIN WEDGE
8	9-216761	2	CONNECTOR, PLUG - 2 PIN
9	9-216762	4	SEAL, CONNECTOR - 1.7-2.4 mm
10	9-216775	1	CONNECTOR, PLUG - 30 PIN
11	9-216776	1	CONNECTOR, PLUG - 30 PIN
12	9-216765	6	TERMINAL, FEMALE - BDK 2.8, .5-1.0 sq mm
13	9-216767	4	TERMINAL, FEMALE - 17/18 AWG
14	9-216768	14	TERMINAL, FEMALE - 16-18 AWG
15	9-216769	4	TERMINAL, FEMALE - 18 AWG
16	9-216770	4	TERMINAL, FEMALE - 15-18 AWG
17	9-217963	35	TERMINAL, FEMALE - 16/20 AWG
18	9-217964	25	PLUG, SEAL
19	9-156144	1	CONNECTOR 2M, 280 M/P
20	9-217966	2	TERMINAL, MALE - 0.5-0.8 mm ²
21	9-217967	2	SEAL, CONNECTOR - 2.85-2.03 mm
22	9-156145	1	TPA, 2W 280 M/P
23	9-117592	24	CONNECTOR CONTACT PIN 14-16 (MALE)
24	9-117593	12	CONNECTOR - CONTACT SOCKET 14-16 (FEMALE)
25	9-117586	2	CONNECTOR-RECEPTACLE 12-PIN
26	9-117588	2	CONNECTOR-RECEPTACLE 12-PIN WEDGE
27	9-117587	1	CONNECTOR-PLUG 12-PIN
28	9-117589	1	CONNECTOR-PLUG 12-PIN WEDGE
29	9-102940	1	TERMINAL 10-12GA X 5/16 RING YELLOW
30	9-117594	3	CONNECOTR - SEALING PLUG

5.9 CVT Vehicle Harness



M220790AB

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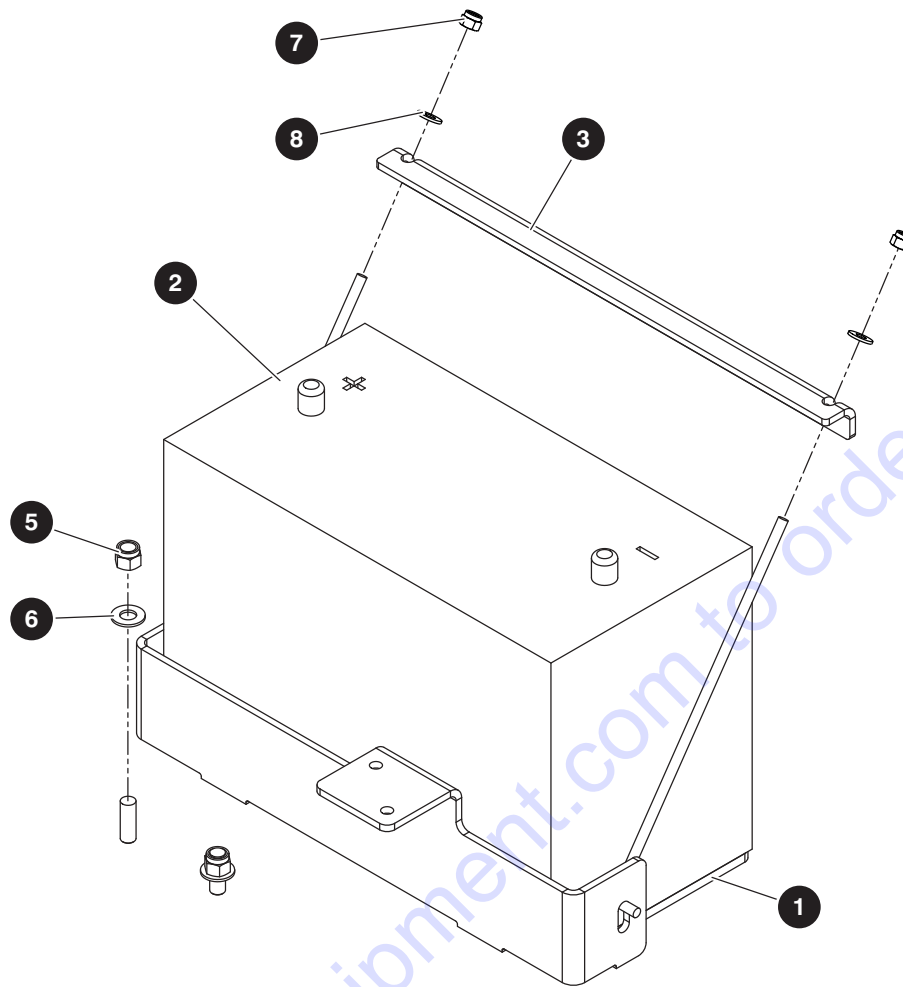
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5.9 CVT Vehicle Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-220790	1	HARNES, VEHICLE CVT
1	9-117582	1	CONNECTOR RECEPTACLE 8-PIN
2	9-156104	1	CONNECTOR RECEPTACLE 8-PIN WEDGE
3	9-156132	7	CONNECTOR - SEALING PLUG
4	9-117580	11	CONNECTOR CONTACT PIN 14-16 (MALE)
5	9-117579	1	CONNECTOR-PLUG 12-PIN
6	9-216771	1	CONNECTOR-PLUG 12-PIN WEDGE
7	9-117581	14	CONNECTOR - CONTACT SOCKET 14-16 (FEMALE)
8	9-117594	1	CONNECTOR, RECEPTACLE - 4 PIN
9	9-156133	1	CONNECTOR RECEPTACLE 4-PIN WEDGE
10	9-124369	1	CONNECTOR PLUG 4-PIN
11	9-156200	1	CONNECTOR PLUG 4-PIN WEDGE
12	9-220788	1	PLUG CAVITY 1W, 280 M/P & W/P
13	9-224867	1	CONNECTOR 5F, 280 M/P
14	9-102939	1	TPA, 5W 280 M/P
15	9-117597	4	TERMINAL, FEMALE SEALED (2-1 mm ²) 280 M/P TL
16	9-117592	4	WIRE SEAL GREEN (2.9-2.0 mm), 280 M/P
17	9-117587	1	RELAY, 12V STARTER
18	9-156142	1	FUSE HOLDER - INLINE
19	9-117589	1	FUSE, ATM - 7.5 AMP
20	9-117593	1	TERMINAL 14-16GA X 1/4 RING BLUE
21	9-102891	1	CONNECTOR - PLUG 2-PIN
22	9-113719	1	CONNECTOR - PLUG 2-PIN WEDGE
23	9-117596	6	DIODE
24	9-117598	1	CONNECTOR - RECEPTACLE 2-PIN
25	9-117584	1	CONNECTOR - RECEPTACLE 2-PIN WEDGE

5.10 Battery



M191766AC

Index No.	Skyjack Part No.	Qty.	Description
-	9-191766	1	ASSEMBLY, BATTERY
1	9-157464	1	• PAD, Battery
2	9-144676	1	• BATTERY, 950 CCA 195 RC 12V post
3	9-150959	1	• BRACKET, Arctic battery retainer
4	9-128572	1	• BATTERY hold down
5	9-104606	2	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
6	9-103472	2	• WASHER, Flat 3/8" SAE
7	9-115649	2	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
8	9-103995	2	• WASHER, Flat 1/4"

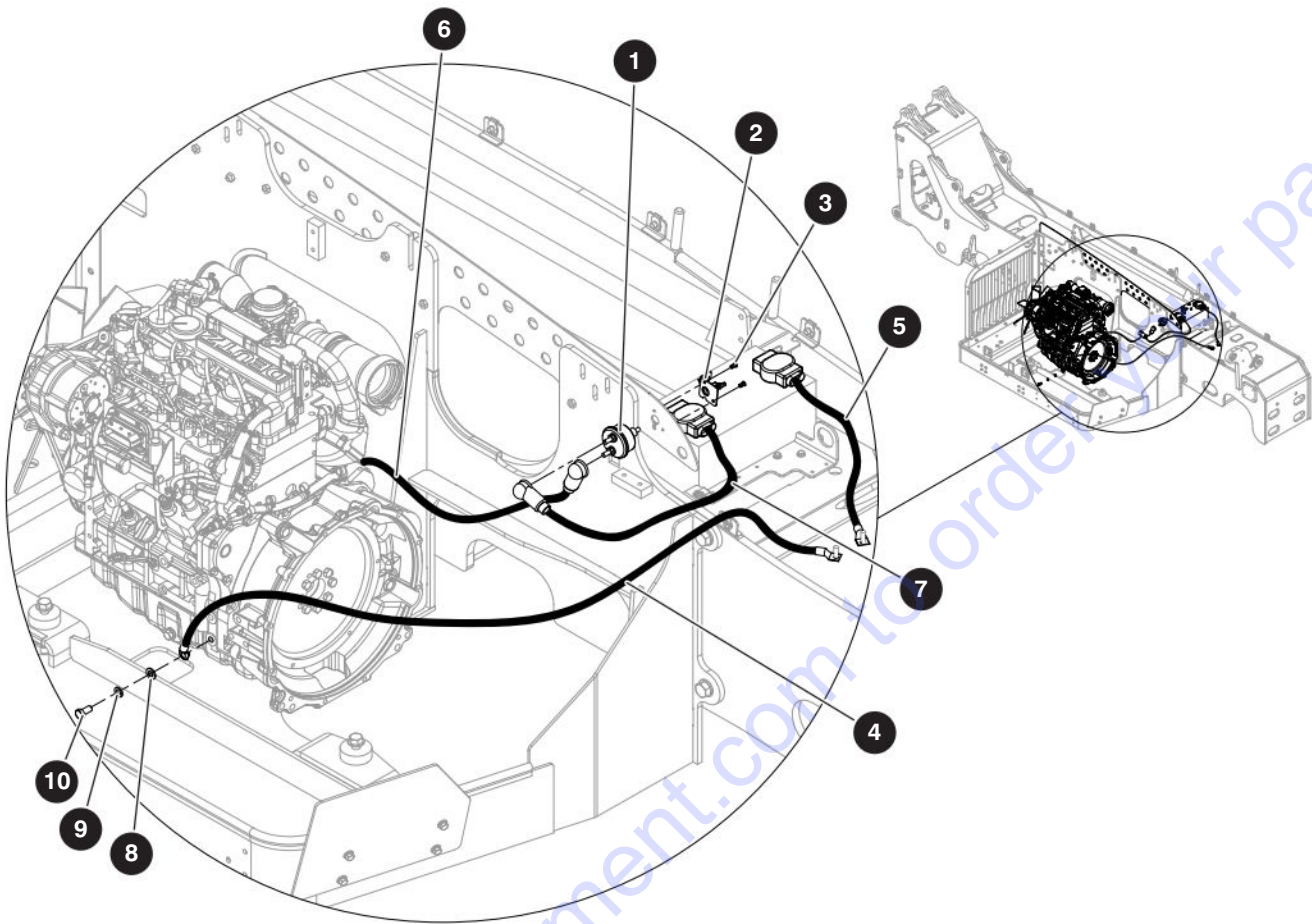
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SKYJACK

5.11 Battery Disconnect



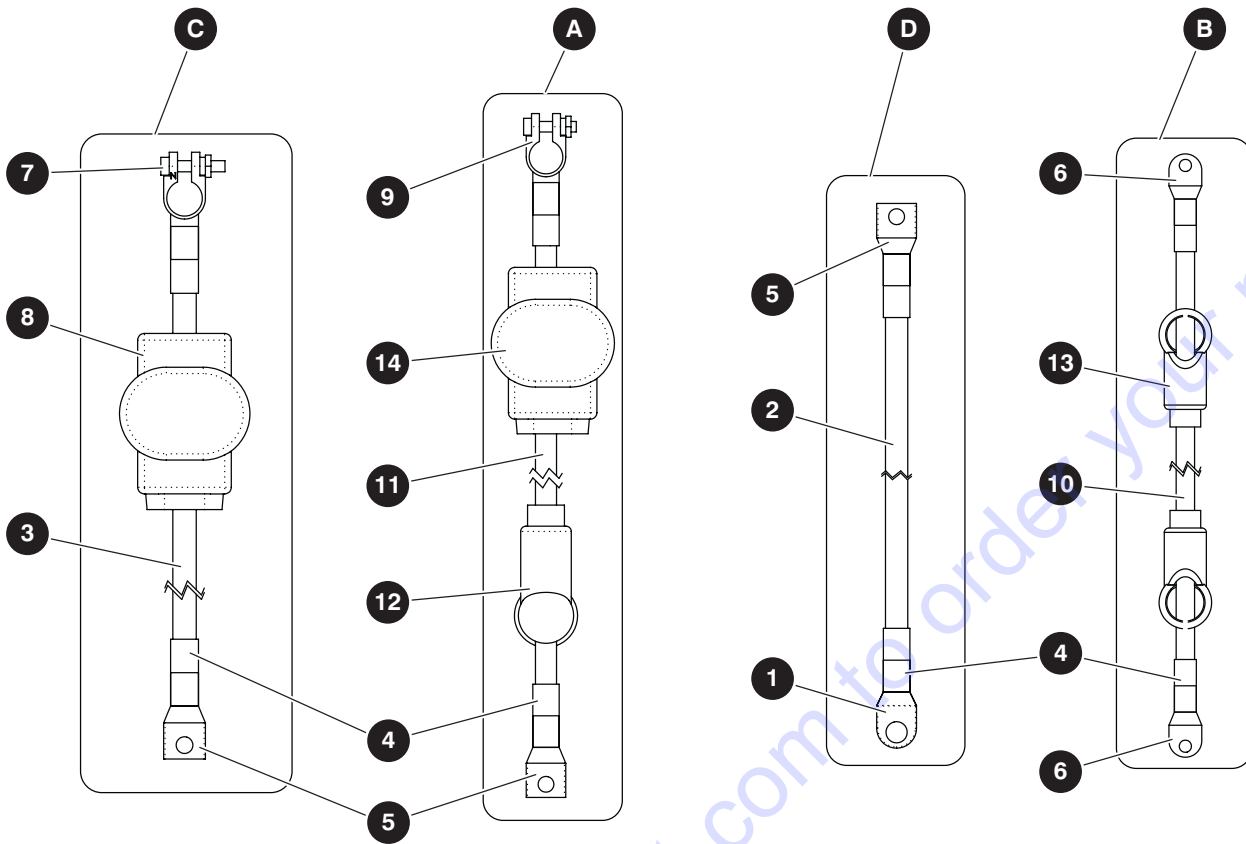
M199981AA-2

Index No.	Skyjack Part No.	Qty.	Description
-	9-199981	1	ASSEMBLY, BATTERY CABLES
1	9-119725	1	• SWITCH - MAIN LOCKOUT
2	9-108714	1	• MOUNT, Lock-out switch
3	9-157756	2	• RIVET, 3/16" x 0.45 long, steel
4	(Ref.)	1	• ASSEMBLY, Cable weld # 2/0 3/8" x 72" x 1/2" (00,00) (For components, refer to Section 5.12)
5	(Ref.)	1	• ASSEMBLY, Cable weld # 2/0 post 5/16" x 26" x 3/8"(00,00) (For components, refer to Section 5.12)
6	(Ref.)	1	• ASSEMBLY, Cable # 2/0 3/8" x 42" x 5/16" (03, 03) (For components, refer to Section 5.12)
7	(Ref.)	1	• ASSEMBLY, Cable # 2/0 post 3/8"x 20" x 5/16" (+B,03) (For components, refer to Section 5.12)
8	9-933817	1	• WASHER, Flat M12 CL 200 Y
9	9-600549	1	• WASHER, Lock M12-Plated DIN 127B
10	9-152324	1	• BOLT, Hex head M12 X 1-3/4" x 25mm Gr. 8.8 zinc plated

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5.12 Battery Cables



M199981AB-Cables

Index No.	Skyjack Part No.	Qty.	Description
A	9-204032	1	• ASSEMBLY, Cable #2/0 POST 3/8" x 20" x 5/16" (+B,03)
B	9-204086	1	• ASSEMBLY, Cable #2/0 3/8" x 42" x 5/16" (03, 03)
C	9-204063	1	• ASSEMBLY, Cable weld #2/0 POST 5/16" x 26" x 3/8"(00,00)
D	9-204064	1	• ASSEMBLY, Cable weld #2/0 3/8" x 72" x 1/2" (00,00)
1	9-163811	1	• • TERMINAL - Ring#2 wire 1/2" stud - D
2	9-139029	72	• • CABLE, #2/0 Black - D
3	-	26	• • CABLE, #2/0 Black - C
4	9-139035	3	• • HEATSHRINK, 1" clear - A, B, C, D
5	9-139034	1	• • TERMINAL, #2/0 3/8" DIA - A, C, D
6	9-209026	2	• • TERMINAL, #2/0 3/8" DIA Round lug - B
7	9-221807	1	• • CLAMP, Battery post #2/0 negative - C
8	9-191822	1	• • PROTECTOR, Terminal, military style black - C
9	9-221808	1	• • CLAMP, Battery post #2/0 positive - A
10	9-139028	42	• • CABLE, #2/0 Red - B
11	-	20	• • CABLE #2/0 Red- A
12	9-139105	1	• • BOOT, Terminal #2/0 Red (5737-005R) - A
13	-	2	• • BOOT, Terminal #2/0 Red (5737-005R) - B
14	9-191821	1	• • PROTECTOR, Terminal, military style red - A

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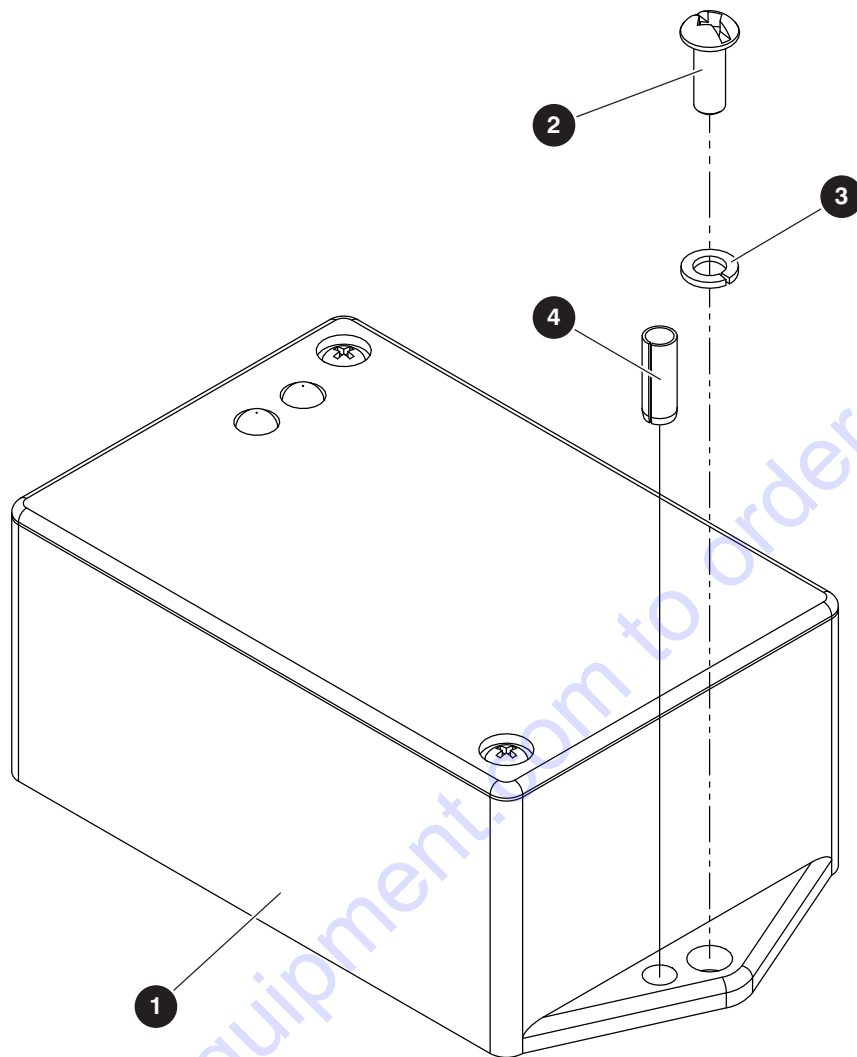
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5.13 Tilt Sensor



M196364AC

Index No.	Skyjack Part No.	Qty.	Description
-	9-206088	1	ASSEMBLY, TILT SENSOR
1	9-205807	1	• SENSOR, Tilt - digital, 3°
2	9-103957	2	• SCREW, Round head machine 8-32 x 1/2"
3	9-112249	2	• WASHER, Lock #8
4	9-157825	1	• PIN, spring 5/32" x 1/2"

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Section 6 – Boom

6.1 *Boom Installation*

6.2 *Boom Assembly*

6.3 *First Boom Section*

6.4 *Second Boom Section*

6.5 *Third Boom Section*

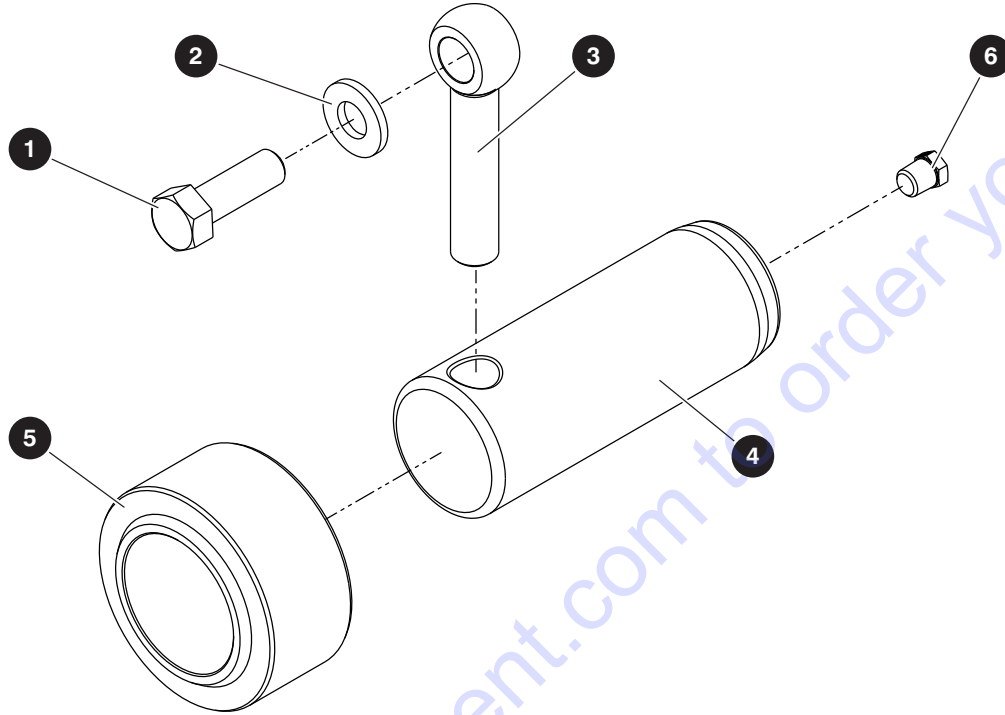
6.6 *Fourth Boom Section*

6.7 *Cable Carrier*

6.8 *Auxiliary Hydraulics*

**NOTE**

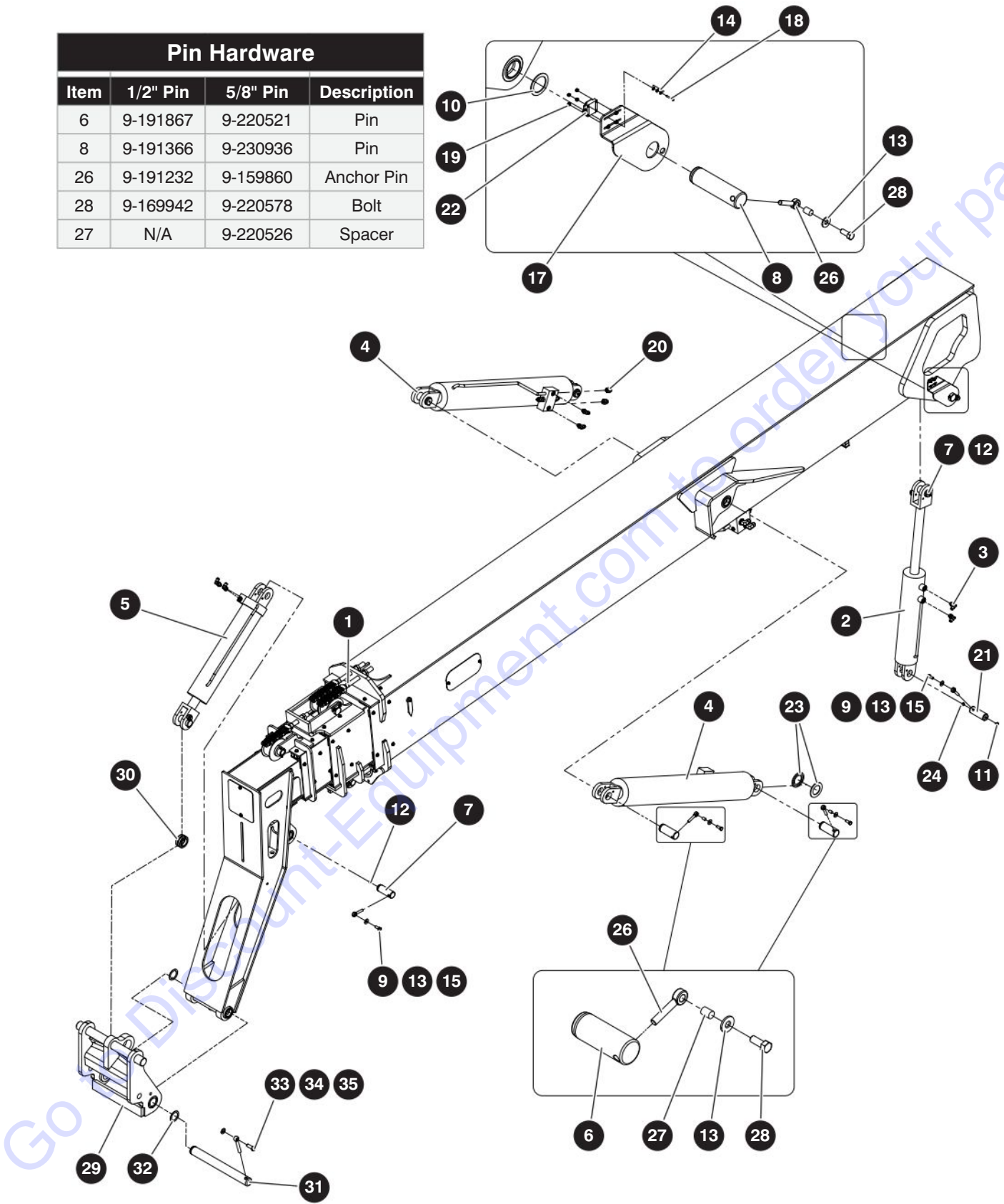
Make sure you order the correct hardware for your telehandler when replacing the bearings.



Index No.	Skyjack Part No.	Qty.	Description
A	236502		Assy, Maintenance Free Bearing, Grease Pin
B	236475		Assy, Maintenance Free Bearing, Greaseless Pin
1	220578		BOLT, Hex head, 1/2"-13 x 1-1/2" gr8 ZP
2	104379		Washer Flat 1/2" Hard
3	159860		PIN, Keeper- 5/8" short
4	220521		PIN, 2" OD x 5-9/32 - A
-	236503		PIN, 2" OD x 5-9/32, greaseless - B
5	230942		BEARING, Spherical maintenance free 2.00
6	230941		PLUG, External hex pipe 1/8" - A

6.1 Boom Installation

Pin Hardware			
Item	1/2" Pin	5/8" Pin	Description
6	9-191867	9-220521	Pin
8	9-191366	9-230936	Pin
26	9-191232	9-159860	Anchor Pin
28	9-169942	9-220578	Bolt
27	N/A	9-220526	Spacer

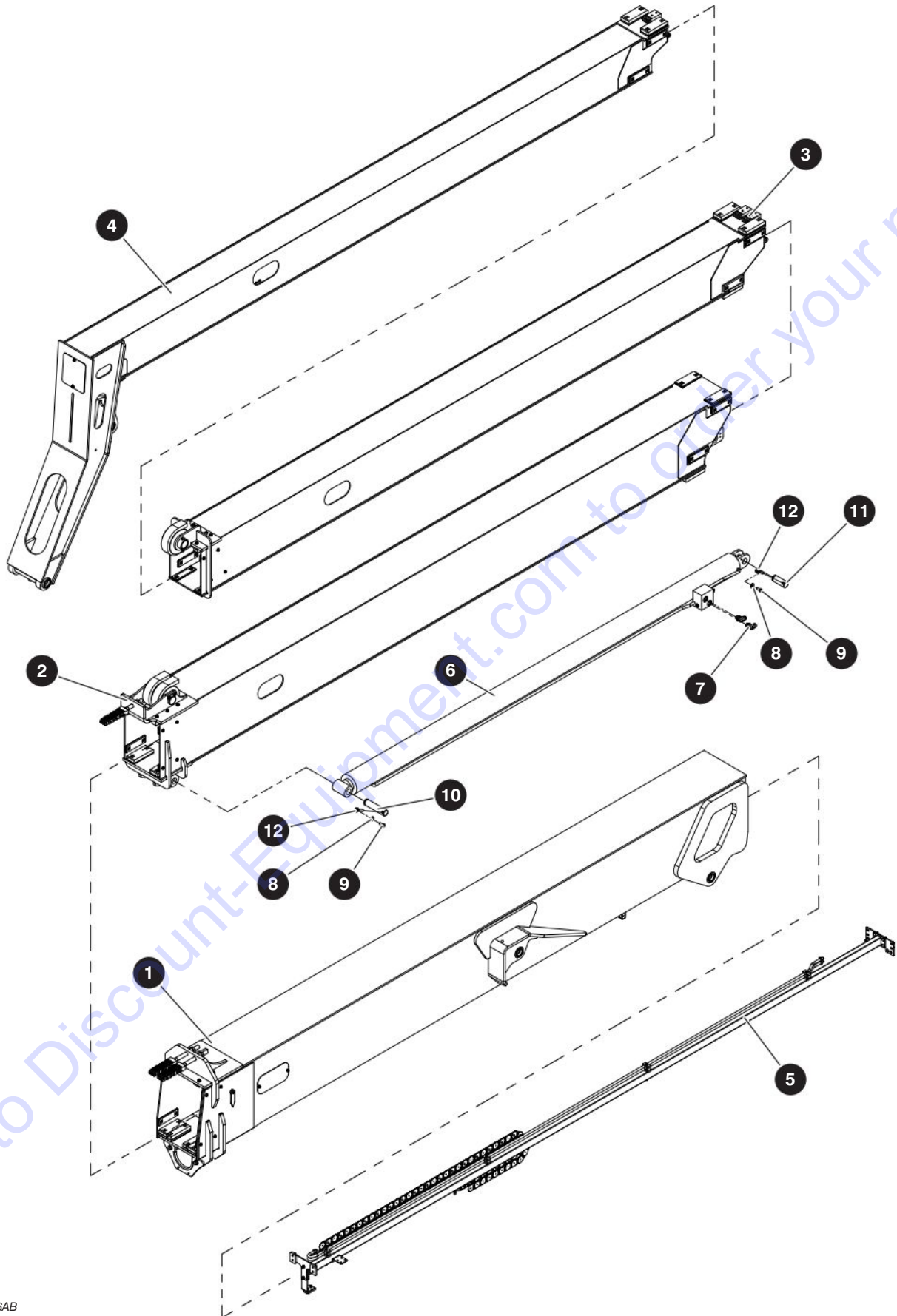


M204345A1

6.1 Boom Installation

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part numbers with an A or a B after the index number must be ordered together
-	9-204345	1	SUBGROUP, BOOM 1256
1	(Ref.)	1	<ul style="list-style-type: none"> ASSEMBLY, Boom 1256 (For components, refer to Section 6.2)
2	9-205789	1	<ul style="list-style-type: none"> CYLINDER, Tilt comp (For components, refer to Section 7.4)
3	9-114583	8	<ul style="list-style-type: none"> FITTING, 90° (08 JICM - 08 ORBM)
4	9-205058	2	<ul style="list-style-type: none"> CYLINDER, Lift (For components, refer to Section 7.2)
5	9-205788	1	<ul style="list-style-type: none"> CYLINDER, Fork tilt (For components, refer to Section 7.3)
6A	9-220521	4	<ul style="list-style-type: none"> PIN, 2" DIA x 5-9/32" long (uses 5/8" anchor pin)
6B	9-191867	4	<ul style="list-style-type: none"> PIN, 2" DIA x 5-1/8" long (uses 1/2" anchor pin)
7	9-191866	3	<ul style="list-style-type: none"> PIN, 1-3/4" DIA x 4-3/4" long
8A	9-230936	2	<ul style="list-style-type: none"> PIN, 2" DIA x 7-17/32" long (uses 5/8" anchor pin)
8B	9-191366	2	<ul style="list-style-type: none"> PIN, 2" DIA x 7-3/8" long (uses 1/2" anchor pin)
9	9-191232	3	<ul style="list-style-type: none"> PIN, Anchor
10	9-931574	2	<ul style="list-style-type: none"> WASHER, Thrust
11	9-700510	2	<ul style="list-style-type: none"> FITTING, Grease, 1/8" NPT 90°
12	9-102027	2	<ul style="list-style-type: none"> FITTING, Grease 1/8" NPT Straight
13	9-104379	10	<ul style="list-style-type: none"> WASHER, Flat 1/2" Hard
14	9-191833	24	<ul style="list-style-type: none"> WASHER, Flat #6
15	9-169942	3	<ul style="list-style-type: none"> BOLT, Hex head 1/2"-13x1-1/4" Gr. 8
16	9-191826	1	<ul style="list-style-type: none"> PLATE, Sensor mount 70° - 10K
17	9-191825	1	<ul style="list-style-type: none"> PLATE, Sensor mount 40° - 10k
18	9-103956	8	<ul style="list-style-type: none"> SCREW, Round head machine 6-32 x 1"
19	9-196306	8	<ul style="list-style-type: none"> NUT, Lock with nylon insert 6-32 Gr. 5
20	9-144279	2	<ul style="list-style-type: none"> FITTING, (08 SAE - 12 JIC)
21	9-191741	1	<ul style="list-style-type: none"> PIN, 1-3/4" DIA x 5-3/16" Long
22	9-190547	2	<ul style="list-style-type: none"> SENSOR, Inductive proxi 15mm
23	9-196586	4	<ul style="list-style-type: none"> SPACER, Lift cylinder 10K
24	9-197449	1	<ul style="list-style-type: none"> PLUG, 1/2" Wide flange
25	9-132565	4	<ul style="list-style-type: none"> CAP, Grease GC5 (Not Shown)
26A	9-159860	7	<ul style="list-style-type: none"> PIN, Anchor - 5/8"
26B	9-191232	6	<ul style="list-style-type: none"> PIN, Anchor - 1/2"
27A	9-220526	7	<ul style="list-style-type: none"> SPACER, .641ODx.531IDx.688LG
28A	9-220578	7	<ul style="list-style-type: none"> BOLT, HEX HD\PATCH\0.5-13 X 1.50 gr8 ZP
28B	9-169942	6	<ul style="list-style-type: none"> BOLT, Hex head 1/2"-13x1-1/4" Gr. 8
-	9-190456	1	QA ATTACHMENT SUBGROUP
-	9-235348	1	<ul style="list-style-type: none"> KIT, Apron and Bearing
29	9-190016	1	<ul style="list-style-type: none"> WELDMENT, Apron
30	9-920767	1	<ul style="list-style-type: none"> BEARING, Spherical
31	9-190017	1	<ul style="list-style-type: none"> PIN, 1.993" DIA x 18-1/2" long
32	9-931602	2	<ul style="list-style-type: none"> WASHER, Thrust
33	9-700782	1	<ul style="list-style-type: none"> WASHER, Flat 5/8" hard
34	9-148944	1	<ul style="list-style-type: none"> BOLT, Hex head patch 5/8"-11 x 1-3/4" grade 8
35	9-146898	1	<ul style="list-style-type: none"> PIN, Keeper 5/8"

6.2 Boom Assembly



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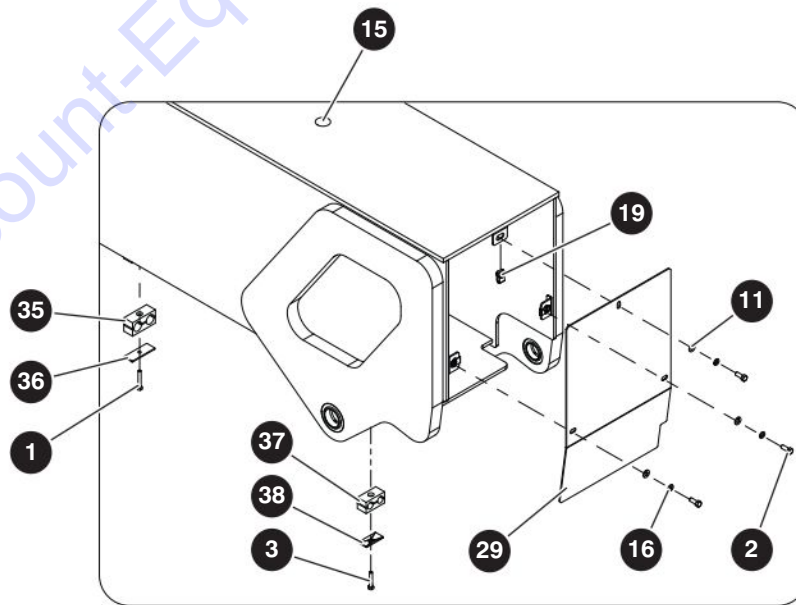
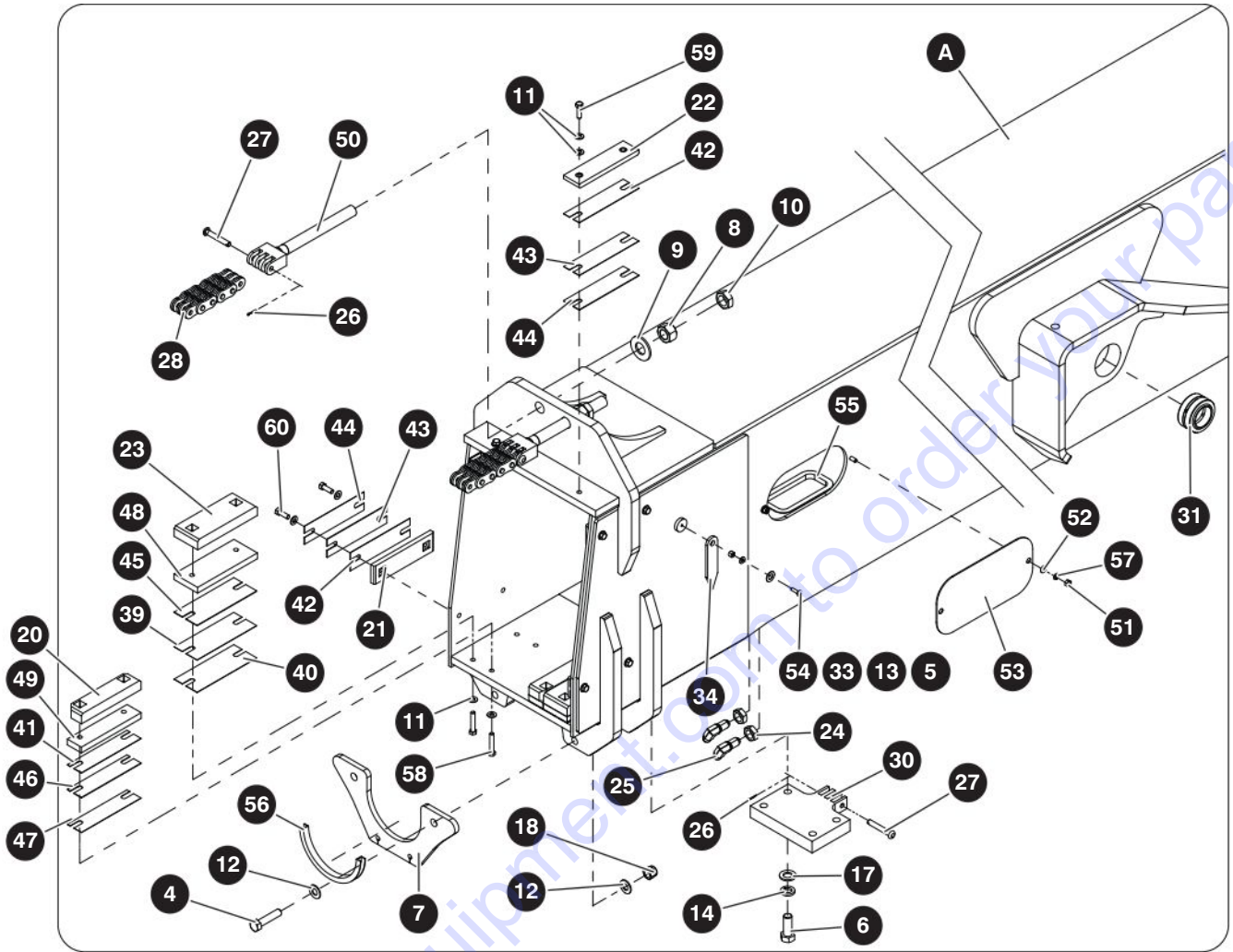
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SKYJACK

6.2 Boom Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-204346	1	ASSEMBLY, BOOM
1	9-204347	1	<ul style="list-style-type: none"> ASSEMBLY, 1st boom 1256 (For components, refer to Section 6.3)
2	9-204348	1	<ul style="list-style-type: none"> ASSEMBLY, 2nd boom 1256 (For components, refer to Section 6.4)
3	9-204349	1	<ul style="list-style-type: none"> ASSEMBLY, 3rd boom 1256 (For components, refer to Section 6.5)
4	9-204350	1	<ul style="list-style-type: none"> ASSEMBLY, 4th boom 1256 (For components, refer to Section 6.6)
5	9-205074	1	<ul style="list-style-type: none"> ASSEMBLY, Cable carrier 1256 (For components, refer to Section 6.7)
6	9-205061	1	<ul style="list-style-type: none"> CYLINDER, Extend 1256 (For components, refer to Section 7.1)
7	9-105445	2	<ul style="list-style-type: none"> FITTING, 90° (12 JICM - 12 ORBM)
8	9-104379	2	<ul style="list-style-type: none"> WASHER, Flat 1/2" Hard
9	9-169942	2	<ul style="list-style-type: none"> BOLT, Hex Head 1/2"-13 x 1-1/4" Gr. 8 zinc plated
10	9-190029	1	<ul style="list-style-type: none"> PIN, 1-3/4" DIA x 7-3/4" Long
11	9-190018	1	<ul style="list-style-type: none"> PIN, 1-3/4" DIA x 4-11/16" Long
12	9-191232	2	<ul style="list-style-type: none"> PIN, Anchor
13	9-205141	1	<ul style="list-style-type: none"> BOOM SUBGROUP 1256

6.3 First Boom Section



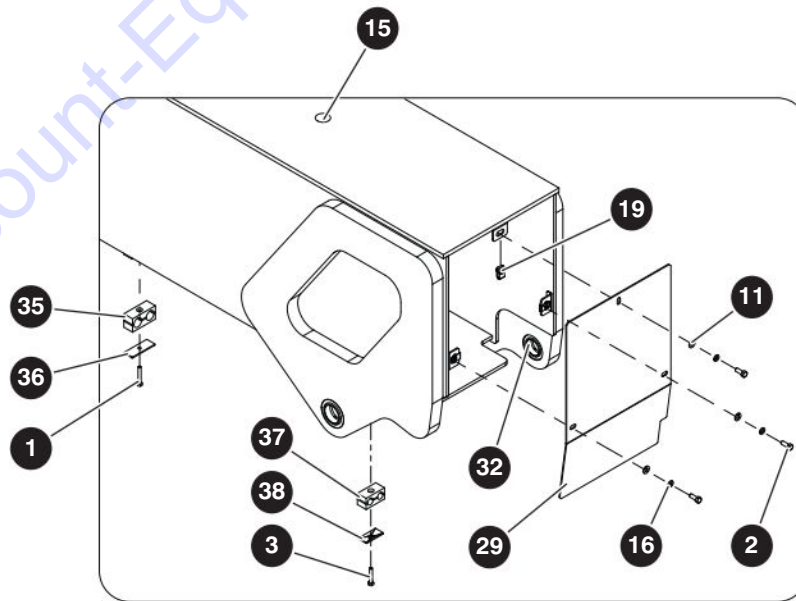
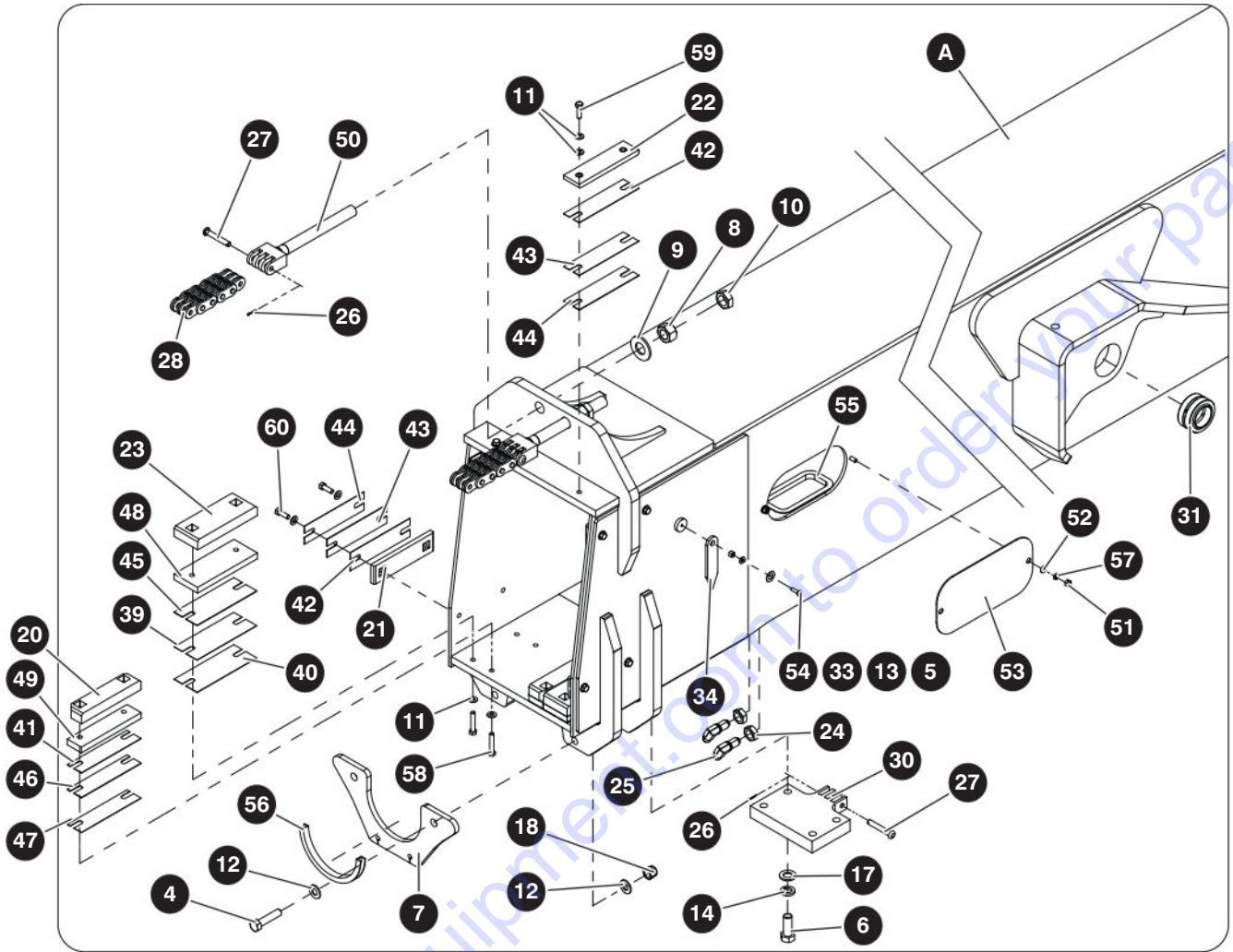
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6.3 First Boom Section

Index No.	Skyjack Part No.	Qty.	Description
A	9-204688	1	WELDMENT, 1st Boom Section
-	9-204347	1	ASSEMBLY, 1st BOOM SECTION
1	9-103866	2	• BOLT, Hex Head 5/16"-18 x 2-1/4" Gr. 5
2	9-207298	3	• BOLT, Hex Head 3/8"-16 x 1" Gr. 5
3	9-103885	5	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
4	9-100844	2	• BOLT, Hex Head 5/8"-11 x 2-3/4" Gr. 8
5	9-103891	1	• BOLT, Hex Head 1/4"-20 x 7/8" Gr. 5
6	9-159237	4	• BOLT, Hex Head 3/4"-10 x 2" Gr. 8
7	9-191344	1	• PLATE, Cylinder support
8	9-411959	2	• NUT, Hex 1-14", Gr. 8 zinc plated
9	9-932724	2	• WASHER, Flat
10	9-107947	2	• NUT, Hex head jam 1-14 Gr. 5
11	9-125959	27	• WASHER, Flat 3/8" hard
12	9-700782	4	• WASHER, Flat 5/8" Hard
13	9-103995	1	• WASHER, Flat 1/4"0
14	9-702194	4	• WASHER, Flat 3/4" HARD HIGH\zinc plated
15	9-196369	1	• PLUG, Plastic 3/4" Tube ID
16	9-103999	3	• WASHER, Lock 3/8"
17	9-104002	4	• WASHER, Lock 3/4"
18	9-111577	2	• NUT, Lock with nylon insert 5/8"-11 Gr. 5
19	9-159294	3	• NUT, Speed clip 3/8"-16
20	9-191269	2	• WEAR PAD, 27 x 45 x 190
21	9-191266	4	• WEAR PAD, 12 x 50 x 190
22	9-191268	2	• WEAR PAD, Black 12 x 50 x 190
23	9-191267	2	• WEAR PAD, Black 27 x 75 x 190
24	9-154242	2	• NUT, Bulk head (08 JIC)
25	9-154241	2	• FITTING, 90° Bulkhead (08 JICM - 08 JICM)
26	9-933615	3	• PIN, Cotter
27	9-204647	3	• PIN, Anchor BL1066
28	9-204351	2	• CHAIN, Extend BL1066
29	9-205065	1	• COVER, Boom
30	9-204672	1	• ANCHOR, Chain 1066

6.3 First Boom Section



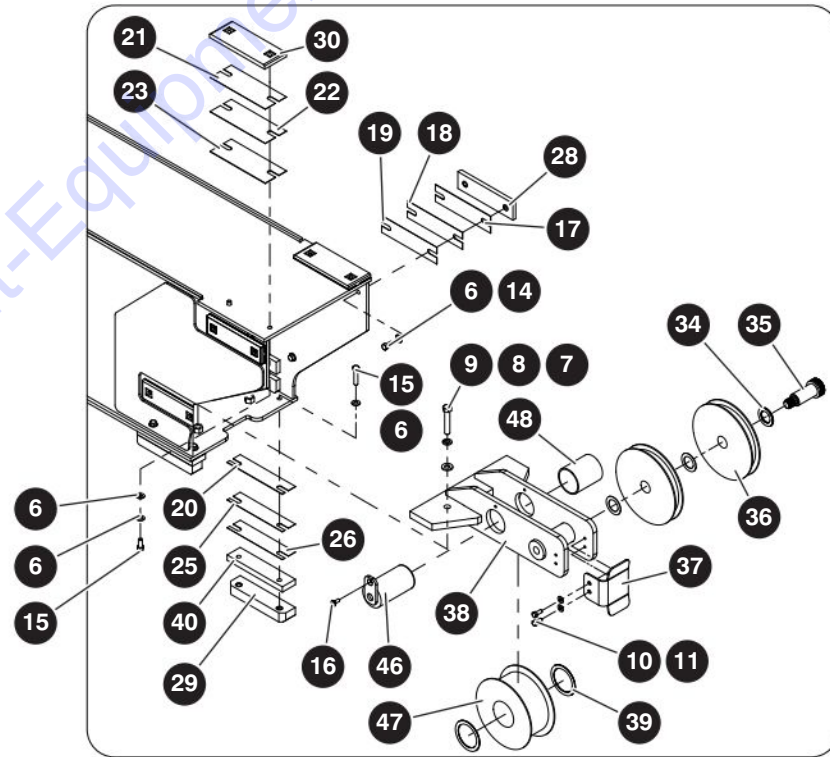
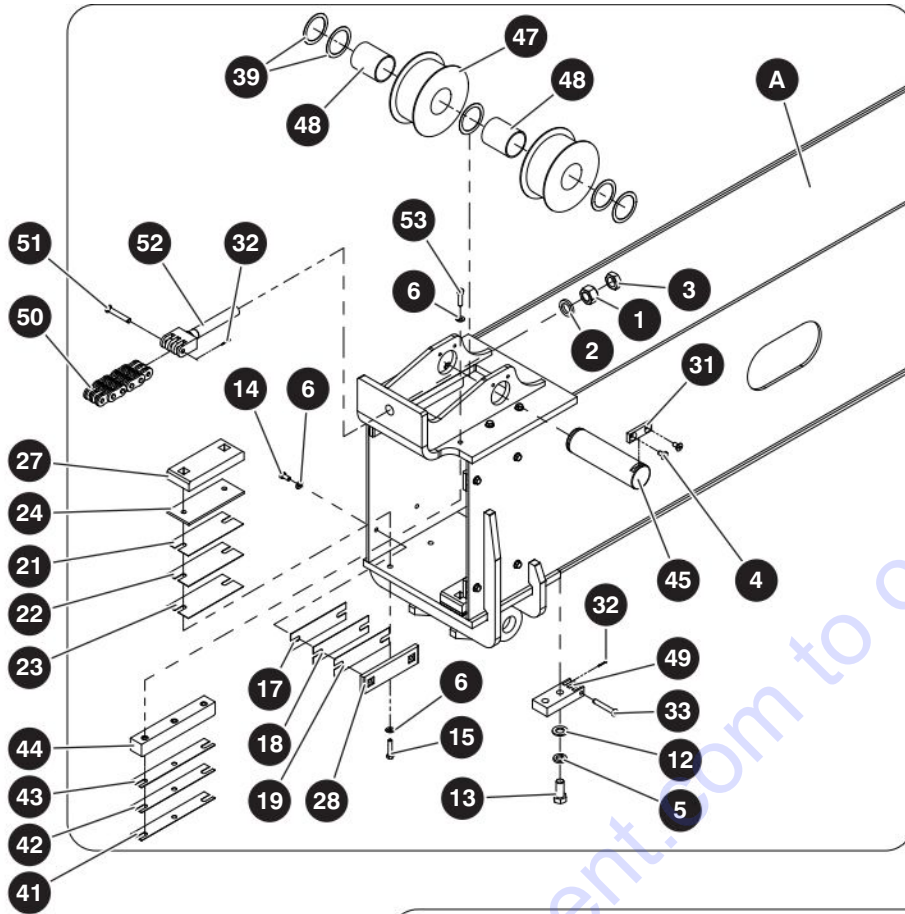
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6.3 First Boom Section

Index No.	Skyjack Part No.	Qty.	Description
31	9-230942	4	• BEARING
32	9-920767	1	• BEARING, Spherical
33	9-190545	1	• SPACER, SS 1/2 " OD x 5/16" long x 1/4" ID
34	9-190019	1	• PLATE, Angle indicator
35	9-199907	2	• CLAMP, Twin #12
36	9-190217	2	• PLATE, Cover 4D
37	9-199762	5	• CLAMP, Twin #08
38	9-932673	5	• PLATE, Cover 3D
39	9-920273	2	• PLATE, Shim
40	9-920274	2	• PLATE, Shim
41	9-920272	2	• PLATE, Shim
42	9-927040	6	• PLATE, Shim
43	9-926942	6	• PLATE, Shim
44	9-926177	6	• PLATE, Shim
45	9-930195	2	• PLATE, Shim
46	9-926488	2	• PLATE, Shim
47	9-920271	2	• SHIM, Narrow offset
48	9-207035	2	• PLATE, Spacer 5/8"
49	9-207040	2	• PLATE, Spacer 5/8" Narrow
50	9-205079	2	• CHAIN ANCHOR, Threaded BL1066
51	9-100397	4	• NUT, Hex 5/16"-18 Gr. 5
52	9-103996	12	• WASHER, Flat 5/16"
53	9-191377	2	• PLATE, Side cover
54	9-191841	1	• SPACER, 17/32" ID x 1" OD x 22 GA
55	9-119922	16	• PROTECTIVE TRIM 1/4-1/2"
56	9-119922	10	• PROTECTIVE TRIM 1/4-1/2"
57	9-103404	4	• WASHER, Lock 5/16"
58	9-139006	8	• BOLT, Hex Head 3/8"-16 x 2" Gr. 8
59	9-117430	4	• BOLT, Hex Head 3/8"-16 x 1-1/4" Gr. 8
60	9-217909	8	• BOLT, Hex Head 3/8"-16 x 1-1/8" Gr. 8

6.4 Second Boom Section



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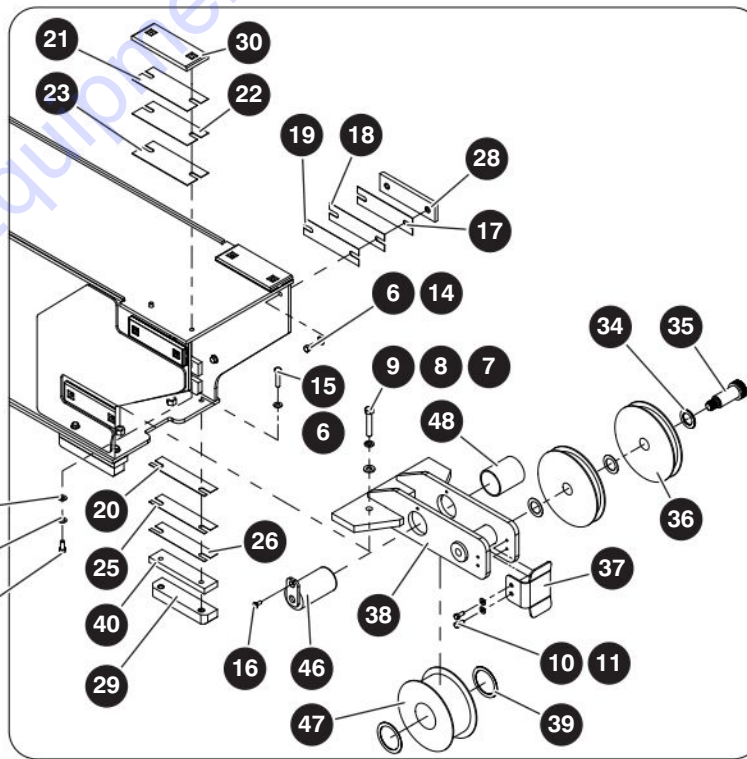
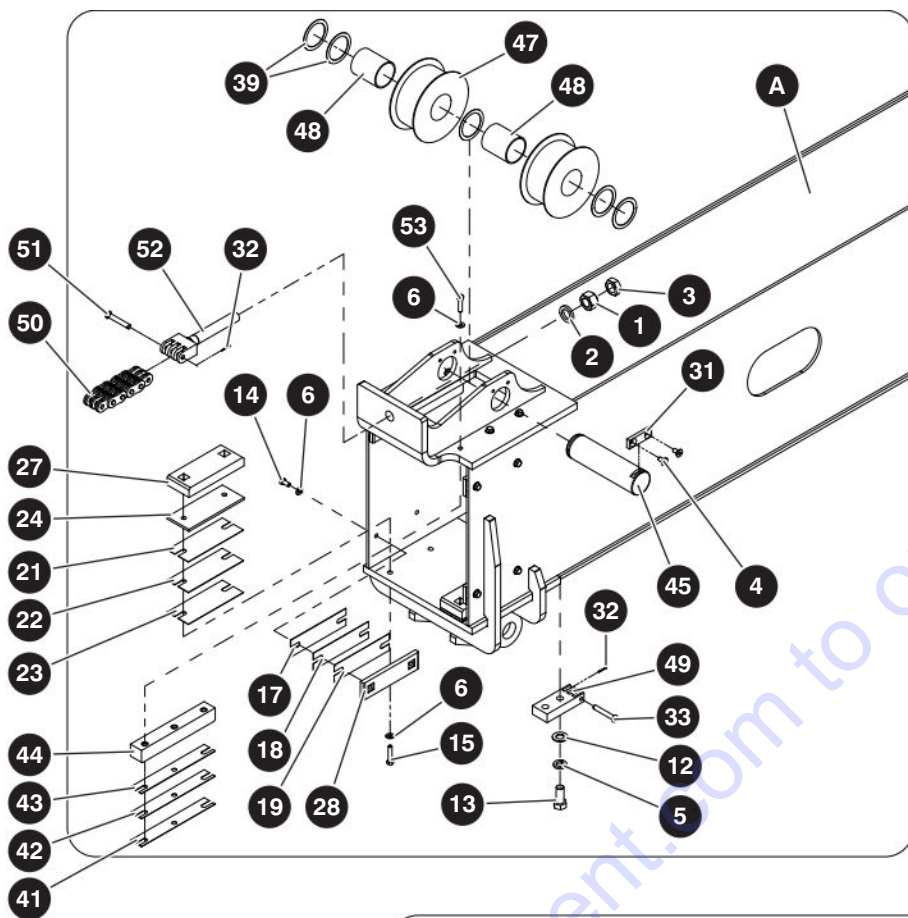
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SKYJACK

6.4 Second Boom Section

Index No.	Skyjack Part No.	Qty.	Description
A	9-204693	1	WELDMENT, 2nd Boom section
-	9-204348	1	ASSEMBLY, 2nd BOOM SECTION
1	9-411959	1	• NUT, Hex 1-14 Gr. 8 Zinc plated
2	9-932724	1	• FLAT WASHER
3	9-107947	1	• NUT, HEX HD JAM 1-14 Gr. 5
4	9-701620	2	• SCREW, Flat head socket 3/8"-16 x 3/4" Gr. 5
5	9-104002	2	• WASHER, Lock 3/4"
6	9-125959	38	• WASHER, Flat 3/8" hard
7	9-126286	2	• WASHER, Lock 1/2" Gr. 8
8	9-104379	2	• WASHER, Flat 1/2" Hard
9	9-123855	2	• BOLT, Hex Head 0.50-13 X 2-3/4" Gr. 8
10	9-103996	2	• WASHER, Flat 5/16"
11	9-103887	2	• BOLT, Hex Head 5/16"-18 X 3/4" Gr. 5
12	9-702194	2	• WASHER, Flat 3/4" hard high\zinc plated
13	9-933473	2	• BOLT, Hex Head 3/4"-10 x 1-3/4"
14	9-158488	16	• BOLT, Hex Head 3/8"-16 X 3/4" Gr. 8
15	9-197754	8	• BOLT, Hex Head 3/8"-16 X 1-3/4" Gr. 8
16	9-704642	1	• SCREW, Flat head socket 5/16"-18 x 3/4", Gr. 5
17	9-927040	8	• PLATE, Shim
18	9-926177	8	• PLATE, Shim
19	9-926942	8	• PLATE, Shim
20	9-920272	2	• PLATE, Shim
21	9-930195	4	• PLATE, Shim
22	9-920273	4	• PLATE, Shim
23	9-920274	4	• PLATE, Shim
24	9-190215	2	• PLATE, Spacer 1/4"
25	9-926488	2	• PLATE, Shim
26	9-920271	2	• SHIM, Narrow offset
27	9-191267	2	• WEAR PAD, Black 27 mm x 75 mm x 190mm
28	9-191266	8	• WEAR PAD, 12 mm x 50 mm x 190 mm
29	9-191269	2	• WEAR PAD, 27 mm x 45 mm x 190 mm
30	9-191270	2	• WEAR PAD, Black 12 mm x 75 mm x 190mm
			Parts list continued in following page

6.4 Second Boom Section



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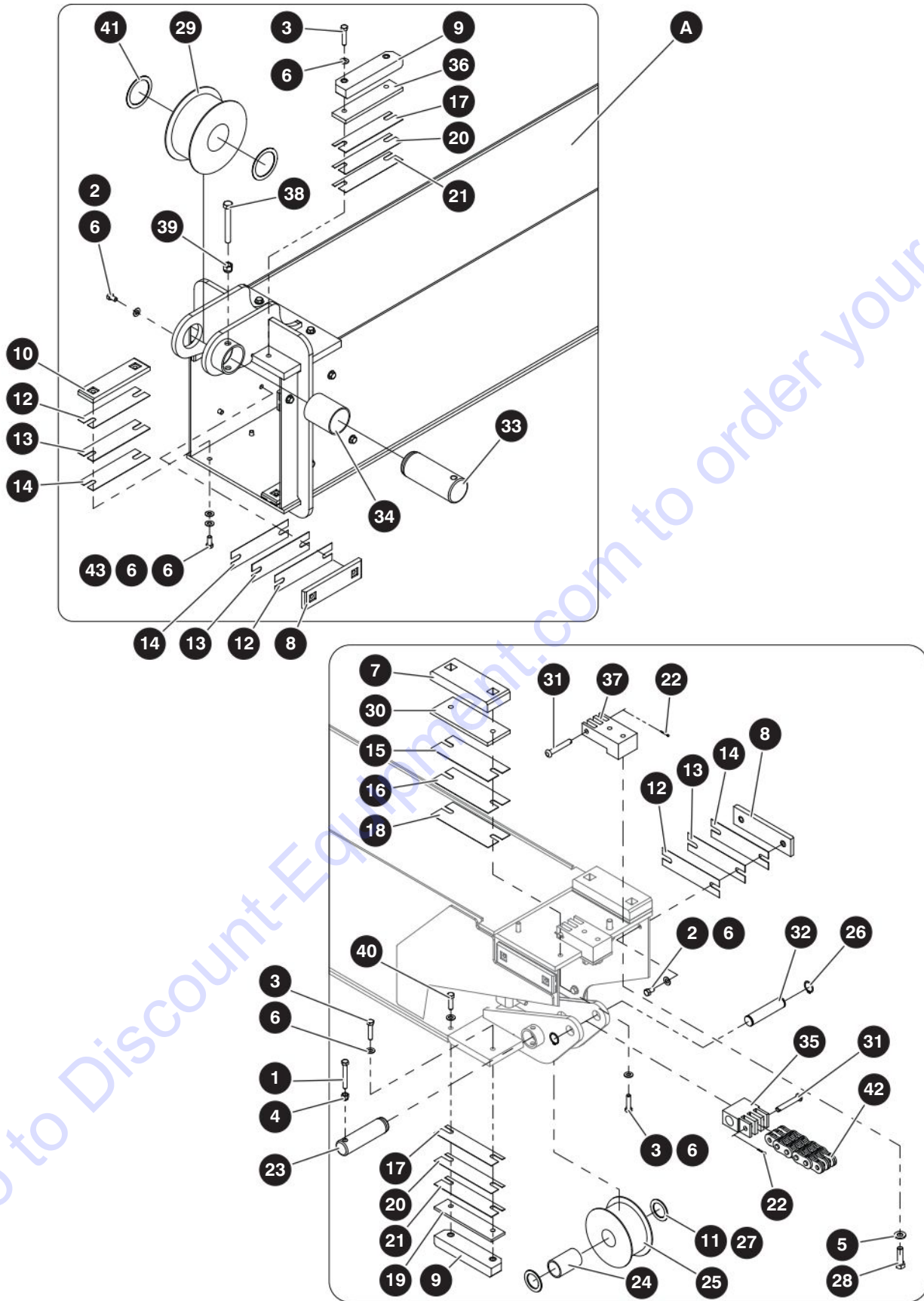
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SKYJACK

6.4 Second Boom Section

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from previous page
31	9-412349	1	• BAR, Lock
32	9-933615	2	• PIN, Cotter
33	9-930127	1	• PIN, Anchor BL866
34	9-412663	8	• THRUST WASHER
35	9-191097	1	• BOLT, Shoulder 1-1/4" DIA x 2-1/2" long
36	9-191115	2	• SHEAVE, Hose
37	9-191127	1	• BRACKET, Sheave guard
38	9-205002	1	• WELDMENT, Finger 1256
39	9-205020	9	• THRUST WASHER, 2-1/2" ID x 3-1/4" OD x 1/32"
40	9-207040	2	• PLATE, Spacer 5/8" narrow
41	9-205084	2	• PLATE, Shim
42	9-205083	2	• PLATE, Shim
43	9-205082	2	• PLATE, Shim
44	9-204355	2	• WEAR PAD, Black 38 mm x 38 mm x 254 mm
45	9-204657	1	• PIN, 2-1/2" DIA x 9" long
46	9-204678	1	• PIN, 2-1/2" DIA x 4-5/8" long
47	9-204352	3	• SHEAVE, Chain BL1066
48	9-204654	3	• BEARING, 2-1/2" ID x 2-3/4" OD x 3-1/4" long
49	9-205044	1	• ANCHOR, Chain 866
50	9-205089	1	• CHAIN, Extend BL1066
51	9-204647	1	• PIN, Anchor BL1066
52	9-205043	1	• CHAIN ANCHOR, Threaded BL1066 short
53	9-706789	6	• BOLT, Hex Head 3/8"-16 X 1-1/2" Gr. 8
54	9-125741	4	• BOLT, Hex Head 3/8"-16 X 7/8" Gr. 8

6.5 Third Boom Section



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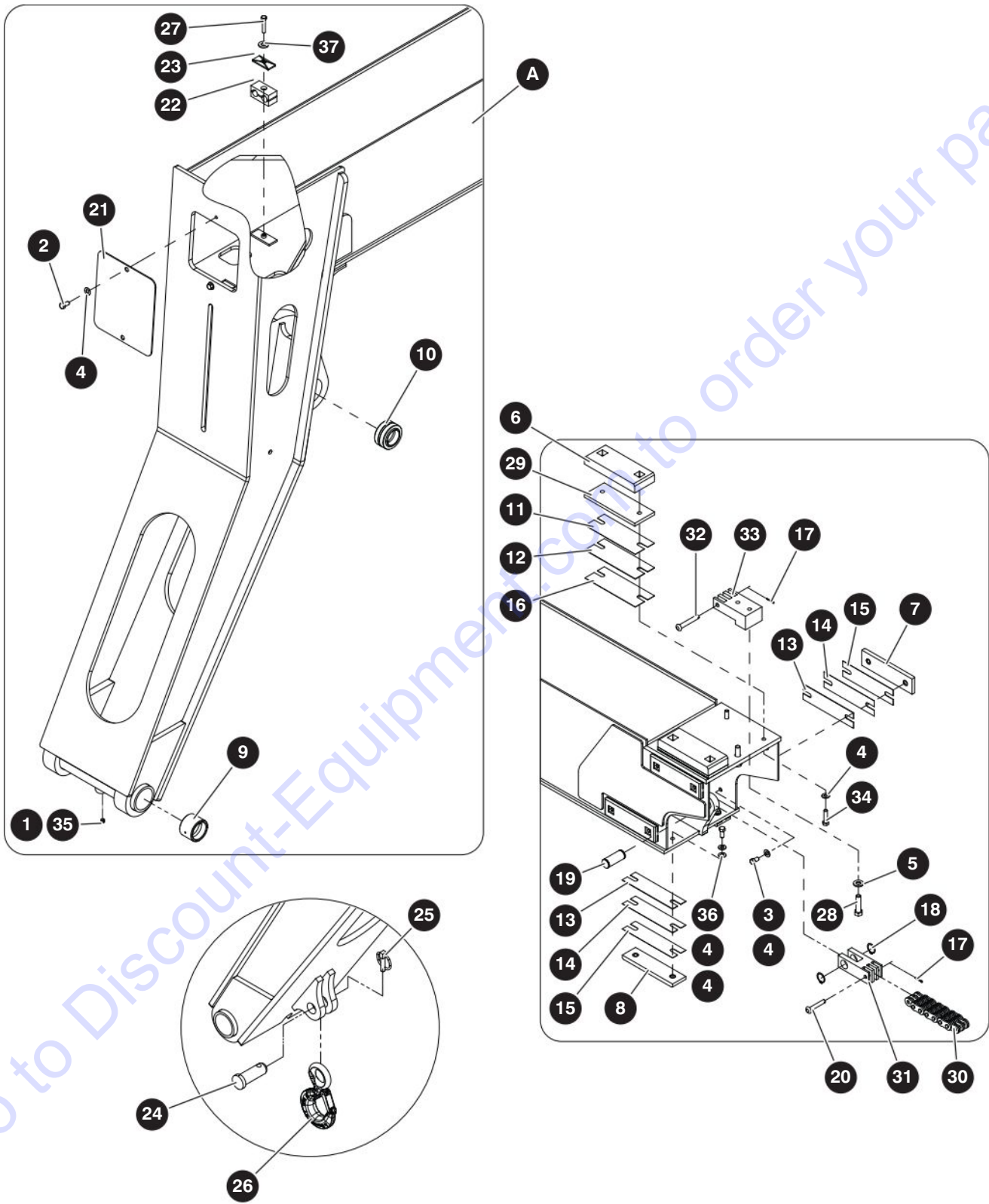
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6.5 Third Boom Section

Index No.	Skyjack Part No.	Qty.	Description
A	9-204703	1	WELDMENT, 3rd Boom section
-	9-204349	1	3rd BOOM SECTION
1	9-103874	1	• BOLT, Hex Head 3/8"-16 X 2-3/4" Gr. 5
2	9-217907	16	• BOLT, Hex Head 3/8"-16 X 5/8" Gr. 8
3	9-197754	10	• BOLT, Hex Head 3/8"-16 X 1-3/4" Gr. 8
4	9-104606	1	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
5	9-104379	4	• WASHER, Flat 1/2" Hard
6	9-125959	36	• WASHER, Flat 3/8" hard
7	9-191267	2	• WEAR PAD, Black 27 mm x 75 mm x 190 mm
8	9-191266	8	• WEAR PAD, 12 mm x 50 mm x 190 mm
9	9-191269	4	• WEAR PAD, 27 mm x 45 mm x 190 mm
10	9-191268	2	• WEAR PAD, Black 12 mm x 50 mm x 190 mm
11	9-191081	2	• THRUST WASHER, 1-1/2" ID x 2-3/16" OD x 1/16"
12	9-926177	8	• PLATE, Shim
13	9-926942	8	• PLATE, Shim
14	9-927040	8	• PLATE, Shim
15	9-920273	2	• PLATE, Shim
16	9-920274	2	• PLATE, Shim
17	9-920272	4	• PLATE, Shim
18	9-930195	2	• PLATE, Shim
19	9-190218	2	• PLATE, Spacer 1/4" narrow
20	9-926488	4	• PLATE, Shim
21	9-920271	4	• SHIM, Narrow offset
22	9-933615	3	• PIN, Cotter
23	9-190031	1	• PIN, 1-1/2" DIA x 5-3/8" long
24	9-198871	1	• BEARING, 1-1/2" ID x 1-3/4" OD x 2-3/4" long
25	9-190030	1	• SHEAVE, Chain BL866
26	9-404830	2	• RETAINING RING, 1" Shaft DIA
27	9-412664	2	• THRUST, Washer
28	9-139007	4	• BOLT, Hex Head 1/2"-13 x 2 Gr. 8
29	9-204352	1	• SHEAVE, Chain BL1066
30	9-205027	2	• PLATE, Spacer 3/8"
31	9-204647	3	• PIN, Anchor BL1066
32	9-205018	1	• PIN, 1" DIA x 4-3/8" long
33	9-204659	1	• PIN, 2-1/2" DIA x 6-7/16" long
34	9-204654	1	• BEARING, 2-1/2" ID x 2-3/4" OD x 3-1/4" long
35	9-204682	1	• ANCHOR, Chain BL1066
36	9-205178	2	• PLATE, Spacer 3/8" narrow
37	9-205806	2	• ANCHOR, Chain stepped 1066
38	9-194270	1	• BOLT, Hex Head 1/2"-13 x 4" Gr. 8
39	9-702507	1	• NUT, Lock 1/2"-13 Gr. C
40	9-221944	2	• BOLT, Hex Head 3/8"-16 x 1-3/8" Gr. 8
41	9-205020	4	• THRUST WASHER, 2-1/2" ID x 3-1/4" OD x 1/32"
42	9-205090	1	• CHAIN, Retract BL1066
43	9-125741	4	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 8

6.6 Fourth Boom Section



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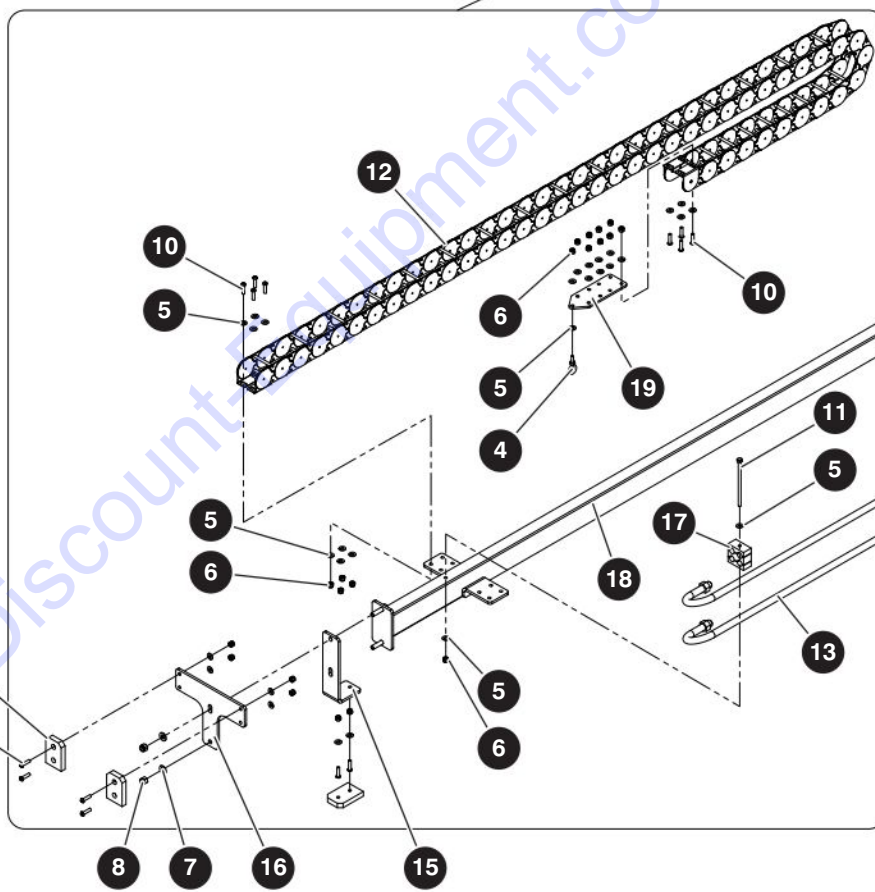
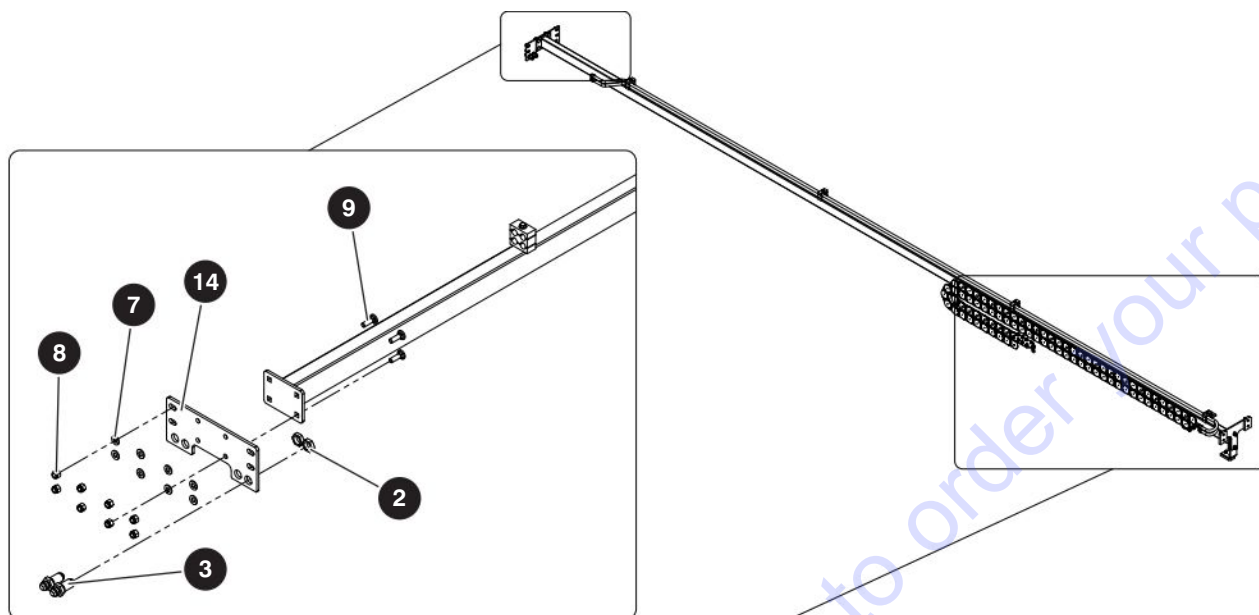
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6.6 Fourth Boom Section

Index No.	Skyjack Part No.	Qty.	Description
A	9-205024	1	WELDMENT, 4th Boom section
-	9-204350	1	ASSEMBLY, 4th BOOM SECTION
1	9-102027	1	• FITTING, Grease 1/8" NPT straight
2	9-158488	2	• BOLT, Hex Head 3/8"-16 x 3/4" Gr. 8
3	9-217907	8	• BOLT, Hex Head 3/8"-16 x 5/8" Gr. 8
4	9-125959	22	• WASHER, Flat 3/8" hard
5	9-104379	2	• WASHER, Flat 1/2" Hard
6	9-191267	2	• WEAR PAD, Black 27 mm x 75 mm x 190 mm
7	9-191266	4	• WEAR PAD, 12 mm x 50 mm x 190 mm
8	9-191268	2	• WEAR PAD, Black 12 mm x 50 mm x 190 mm
9	9-931521	2	• BEARING, Inner
10	9-920767	1	• BEARING, Spherical
11	9-920273	2	• PLATE, Shim
12	9-920274	2	• PLATE, Shim
13	9-926177	6	• PLATE, Shim
14	9-926942	6	• PLATE, Shim
15	9-927040	6	• PLATE, Shim
16	9-930195	2	• PLATE, Shim
17	9-933615	2	• PIN, Cotter
18	9-404830	2	• RETAINING RING, 1" Shaft DIA
19	9-205046	1	• PIN, 1" DIA x 2-1/2" long
20	9-930127	1	• PIN, Anchor BL866
21	9-190206	1	• COVER, Fly boom
22	9-199762	2	• CLAMP, Twin #08
23	9-932673	2	• PLATE, Cover 3D
24	9-923135	1	• PIN, Lynch 7/16" DIA x 1-3/4" long
25	9-923134	1	• PIN, Quick attach
26	9-171205	1	• HOOK, Rigging WLL 7.5T
	9-208917	1	• • LATCH, Rigging Hook
27	9-103865	2	• BOLT, Hex Head 5/16"-18 x 2" Gr. 5
28	9-139007	2	• BOLT, Hex Head 1/2"-13 x 2 Gr. 8
29	9-205027	2	• PLATE, Spacer 3/8"
30	9-205005	1	• CHAIN, Retract BL866
31	9-204684	1	• ANCHOR, Chain BL866
32	9-204647	1	• PIN, Anchor BL1066
33	9-205806	1	• ANCHOR, Chain stepped 1066
34	9-197754	4	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 8
35	9-132565	1	• CAP, Grease GC5
36	9-125741	4	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 8
37	9-103996	2	• WASHER, Flat 5/16"

6.7 Cable Carrier



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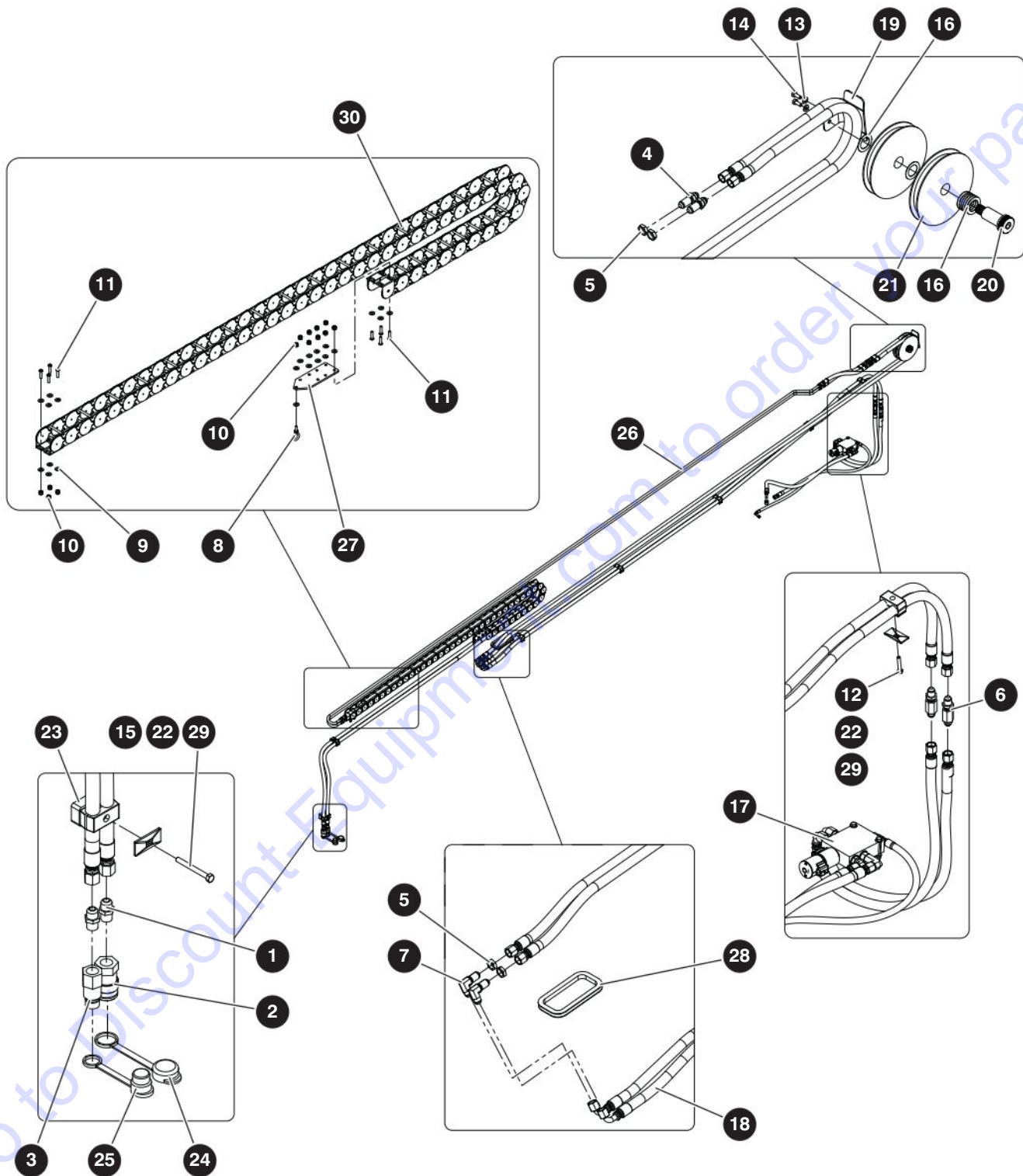
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SKYJACK

6.7 Cable Carrier

Index No.	Skyjack Part No.	Qty.	Description
-	9-205074	1	ASSEMBLY, CABLE CARRIER
1	9-190915	3	• WEAR PAD, 3" x 2" x 1/2"
2	9-154242	2	• NUT, Bulk Head (08 JIC)
3	9-190302	2	• FITTING, Bulkhead, straight (08 JICM - 08 JICM)
4	9-162168	1	• BOLT, Eye 1/4"-20 x 1" zinc plated
5	9-103995	36	• WASHER, Flat 1/4"
6	9-115649	23	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
7	9-125959	10	• WASHER, Flat 3/8" hard
8	9-104606	10	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
9	9-127393	4	• BOLT, Carriage bolt 3/8"-16 x 1-1/4" Gr. 5
10	9-702911	14	• BOLT, Button head cap 1/4"-20 x 1"
11	9-198850	4	• BOLT, Hex Head 1/4"-20 X 5-1/4" Gr. 5
12	9-191271	1	• CABLE TRACK ASSEMBLY
13	9-205179	2	• TUBE, 5/8" OD x 0.095 wall A513 dom
14	9-191364	1	• PLATE, Front
15	9-205078	1	• BRACKET, E-Chain guide
16	9-191336	1	• BRACKET, Top guide
17	9-190934	4	• CLAMP, Hose carrier
18	9-191363	1	• WELDMENT, Track
19	9-190585	1	• PLATE, E-Chain mount

6.8 Auxiliary Hydraulics



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SKYJACK

6.8 Auxiliary Hydraulics

Index No.	Skyjack Part No.	Qty.	Description
-	9-205092	1	ASSEMBLY, AUXILIARY HYDRAULICS
1	9-102659	2	• FITTING, Straight (08 JICM - 08 ORBM)
2	9-206134	1	• COUPLING, Quick disconnect - female 1/2"
3	9-206135	1	• COUPLING, Quick disconnect - male 1/2"
4	9-190302	2	• FITTING, Bulkhead straight (08 JICM - 08 JICM)
5	9-154242	4	• NUT, Bulkhead (08 JIC)
6	9-197686	2	• FITTING, Bulkhead straight (08 JIC - 08 JIC) Long
7	9-154241	2	• FITTING, 90° Bulkhead (08 JICM - 08 JICM)
8	9-162168	1	• BOLT, Eye 1/4"-20 x 1" zinc plated
9	9-103995	21	• WASHER, Flat 1/4"
10	9-115649	13	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
11	9-702911	8	• BOLT, Button head cap 1/4"-20 x 1"
12	9-103885	6	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
13	9-103996	2	• WASHER, Flat 5/16"
14	9-103887	2	• BOLT, Hex Head 5/16"-18 x 3/4" Gr. 5
15	9-103868	1	• BOLT, Hex Head 5/16"-18 x 3-1/2" Gr. 5
16	9-412663	8	• WASHER, Thrust
17	9-205214	1	• AUXILLIARY MANIFOLD SUBGROUP (For components, refer to Section 8.18)
18	9-205109	1	• HOSE SUBGROUP, AUX HYDRAULICS 1256 (For components, refer to Section 8.16)
19	9-191127	1	• BRACKET, Sheave guard
20	9-191097	1	• BOLT, Shoulder 1-1/4" DIA x 2-1/2" long
21	9-191115	2	• SHEAVE, Hose
22	9-932673	7	• PLATE, Cover 3D
23	9-191605	1	• PLATE, Hose stand off
24	9-926079	1	• DUST CAP, Quick connect coupler
25	9-926080	1	• DUST CAP, Quick connect ni
26	9-205179	2	• TUBE, 5/8" OD x 0.095 wall A513 dom
27	9-190585	1	• PLATE, E-Chain mount
28	9-119922	1	• PROTECTIVE TRIM 1/4-1/2"
29	9-199762	7	• CLAMP, Twin #08
30	9-191271	1	• CABLE TRACK ASSEMBLY

Section 7 – Cylinders

7.1 *Extend Cylinder Components*

7.2 *Lift Cylinder Components*

7.3 *Fork Tilt Cylinder Components*

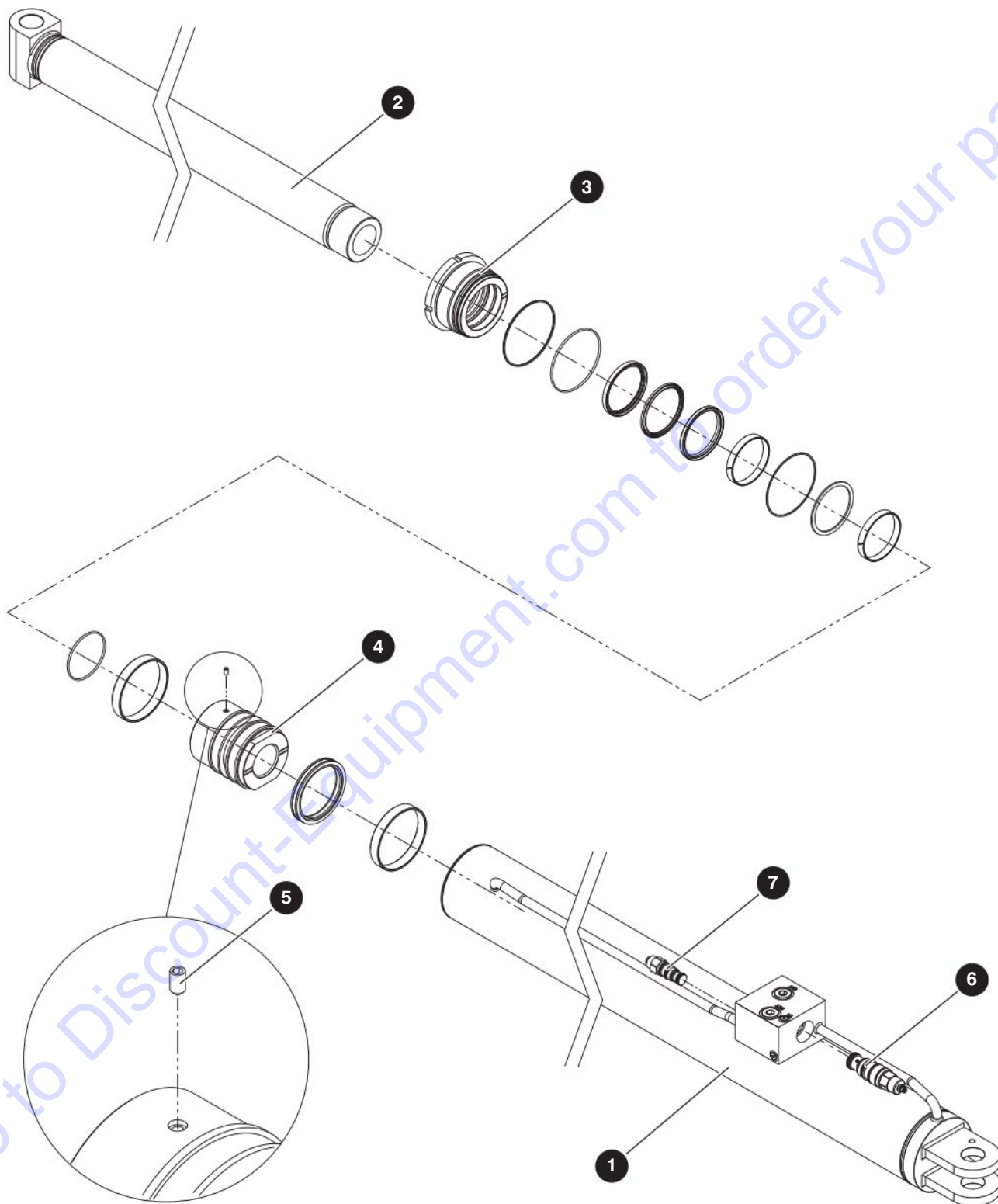
7.4 *Tilt Compensation Cylinder Components*

7.5 *Frame Level Cylinder Components*

7.6 *Outriggers Cylinder Assembly*

7.7 *RAS Cylinder Components*

7.1 Extend Cylinder Components



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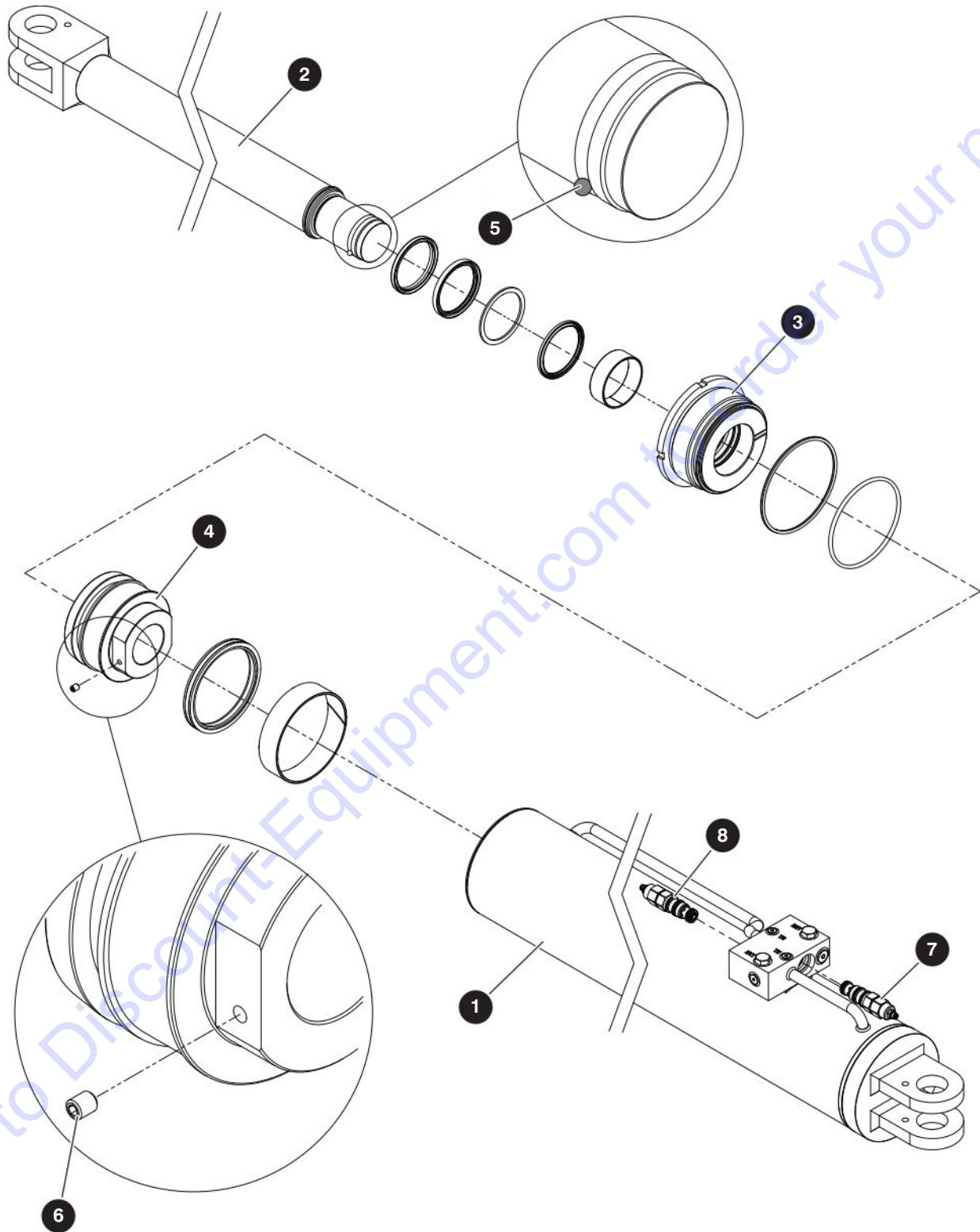
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SKYJACK

7.1 Extend Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205061	1	EXTEND cylinder
1	9-213488	1	ASSEMBLY, Tube
2	9-213489	1	ASSEMBLY, Rod
3	9-213490	1	GLAND
4	9-213491	1	PISTON
5	9-213492	1	SET SCREW
6	9-206233	1	COUNTERBALANCE V/V
7	9-206182	1	COUNTERBALANCE V/V
K	9-213493		SEAL KIT, Extend cylinder 12k

7.2 Lift Cylinder Components



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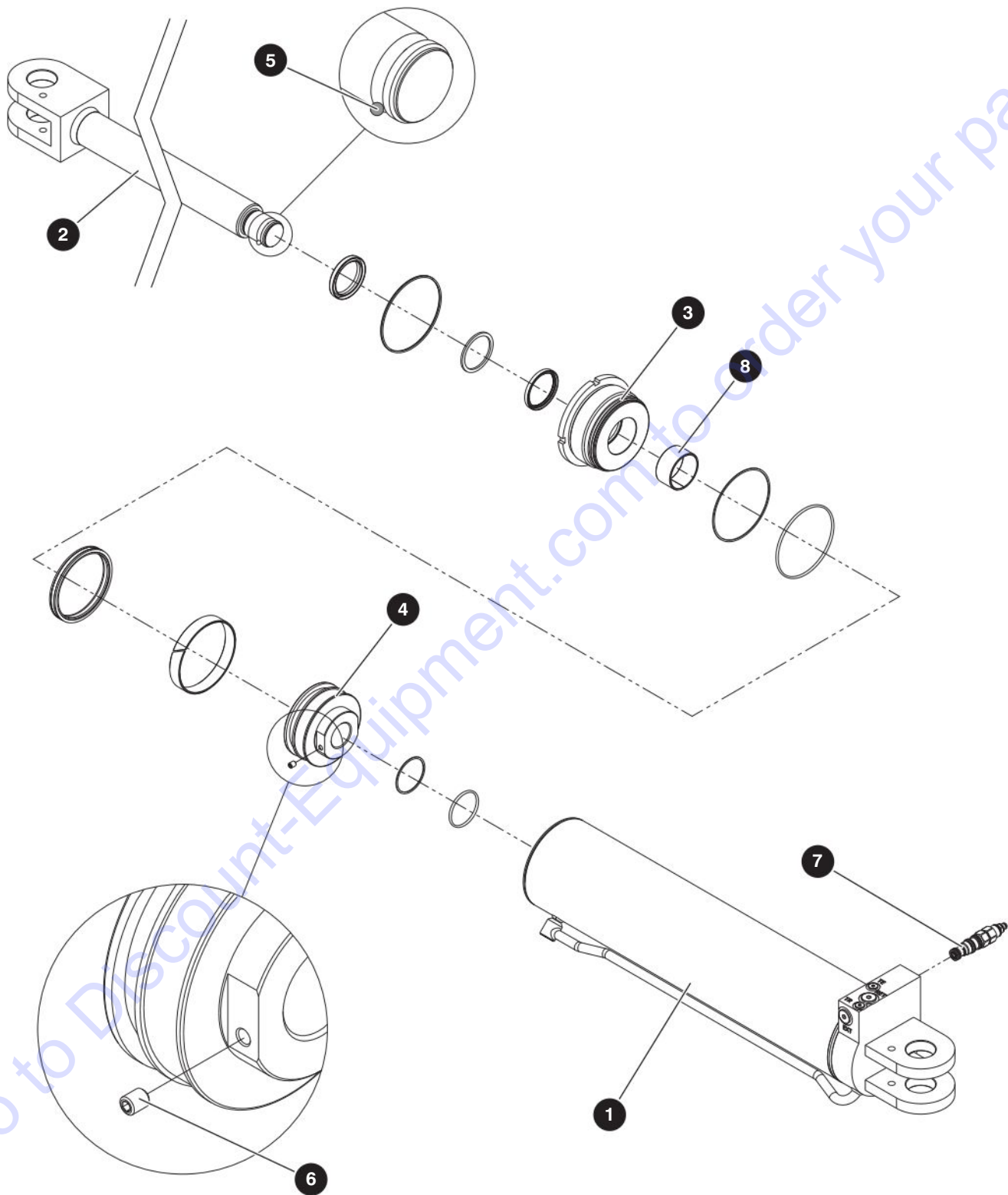
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7.2 Lift Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205058	1	lift cylinder
1	9-213472	1	ASSEMBLY, Tube
2	9-213473	1	ASSEMBLY, Rod
3	9-213522	1	GLAND
4	9-213523	1	PISTON
5	9-209121	1	STEEL BALL
6	9-209122	1	SET SCREW
7	9-206179	1	COUNTERBALANCE V/V
8	9-206180	1	COUNTERBALANCE V/V
K	9-213524		SEAL KIT, Lift Cylinder 12k

7.3 Fork Tilt Cylinder Components



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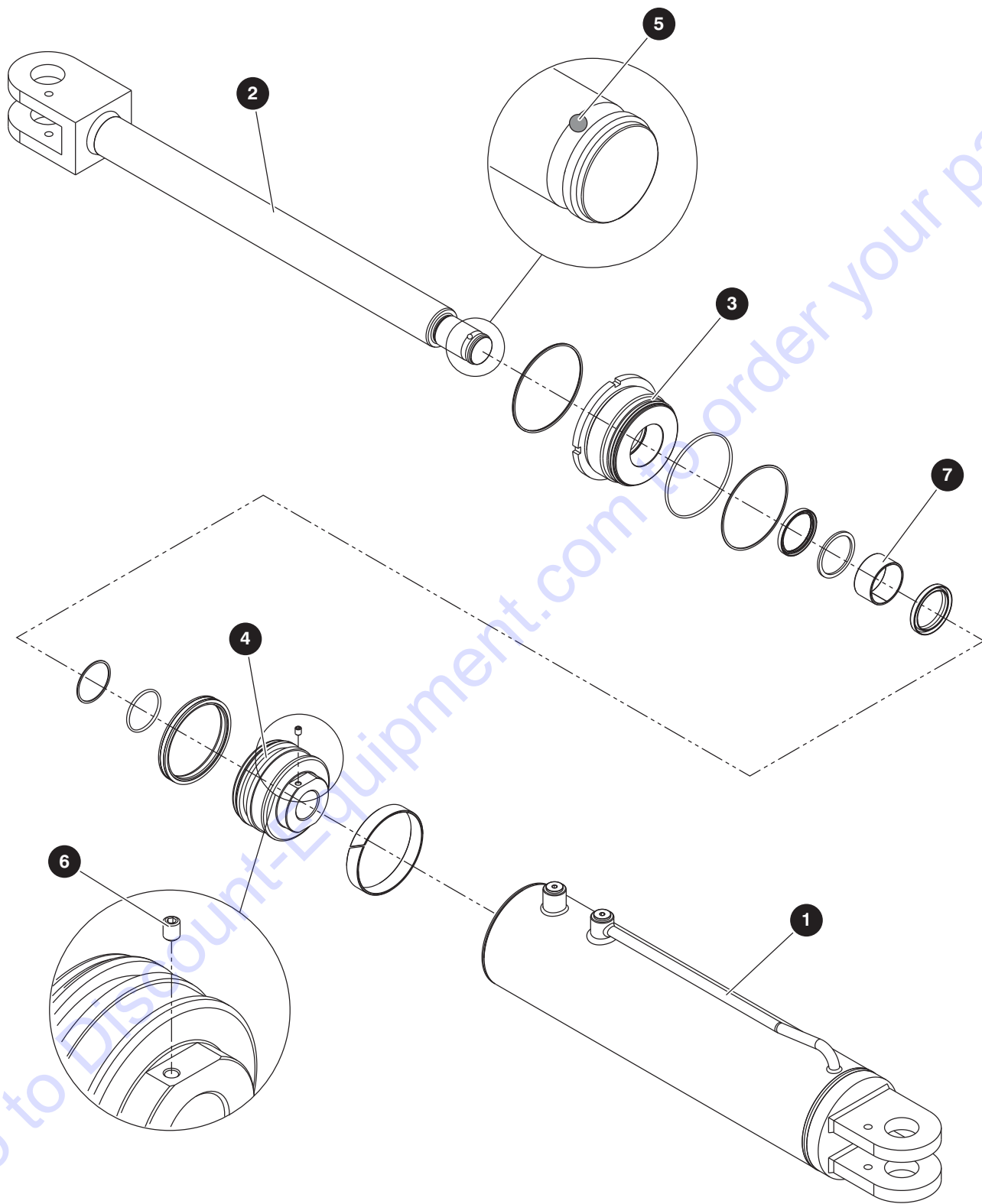
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7.3 Fork Tilt Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205788	1	Fork tilt
1	9-213525	1	ASSEMBLY, Tube
2	9-213526	1	ASSEMBLY, Rod
3	9-213479	1	GLAND
4	9-213480	1	PISTON
5	9-209121	1	STEEL BALL
6	9-213481	1	SET SCREW
7	9-191815	1	COUNTERBALANCE V/V
8	9-213482	1	DRY BEARING
K	9-213483		SEAL KIT, Fork tilt 12k

7.4 Tilt Compensation Cylinder Components



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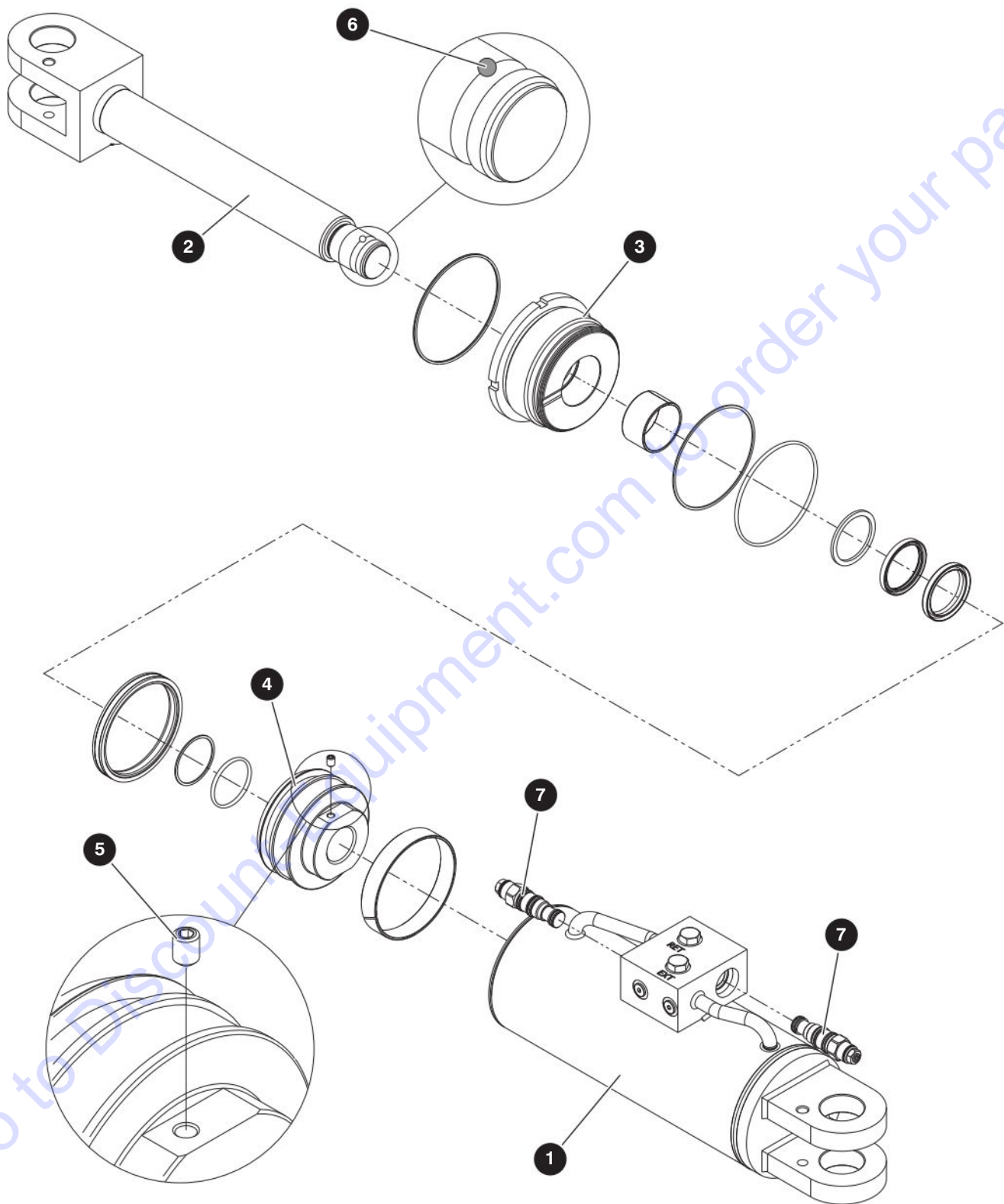
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7.4 Tilt Compensation Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205789	1	Tilt Compensation
1	9-213484	1	ASSEMBLY, Tube
2	9-213485	1	ASSEMBLY, Rod
3	9-213479	1	GLAND
4	9-213486	1	PISTON
5	9-209121	1	STEEL BALL
6	9-213481	1	SET SCREW
7	9-213482	1	DRY BEARING
K	9-213487		SEAL KIT, Tilt comp 12k

7.5 Frame Level Cylinder Components



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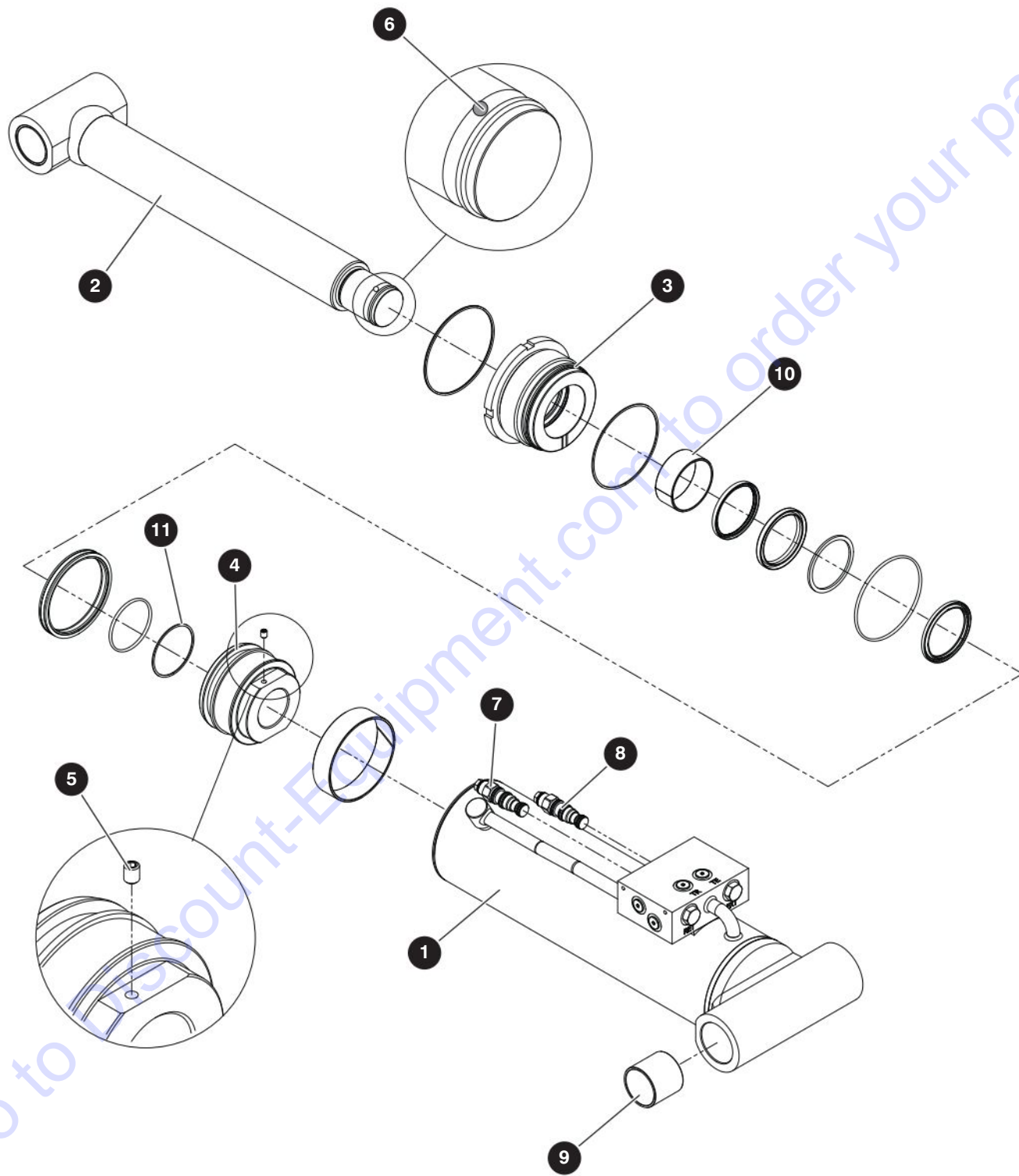
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7.5 Frame Level Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205063	1	Frame level
1	9-213494	1	ASSEMBLY, Tube
2	9-213495	1	ASSEMBLY, Rod
3	9-213496	1	GLAND
4	9-213497	1	PISTON
5	9-213481	1	SET SCREW
6	9-209121	1	STEEL BALL
7	9-206181	2	COUNTERBALANCE V/V
K	9-213498		SEAL KIT, Frame level 12k

7.6 Outriggers Cylinder Assembly



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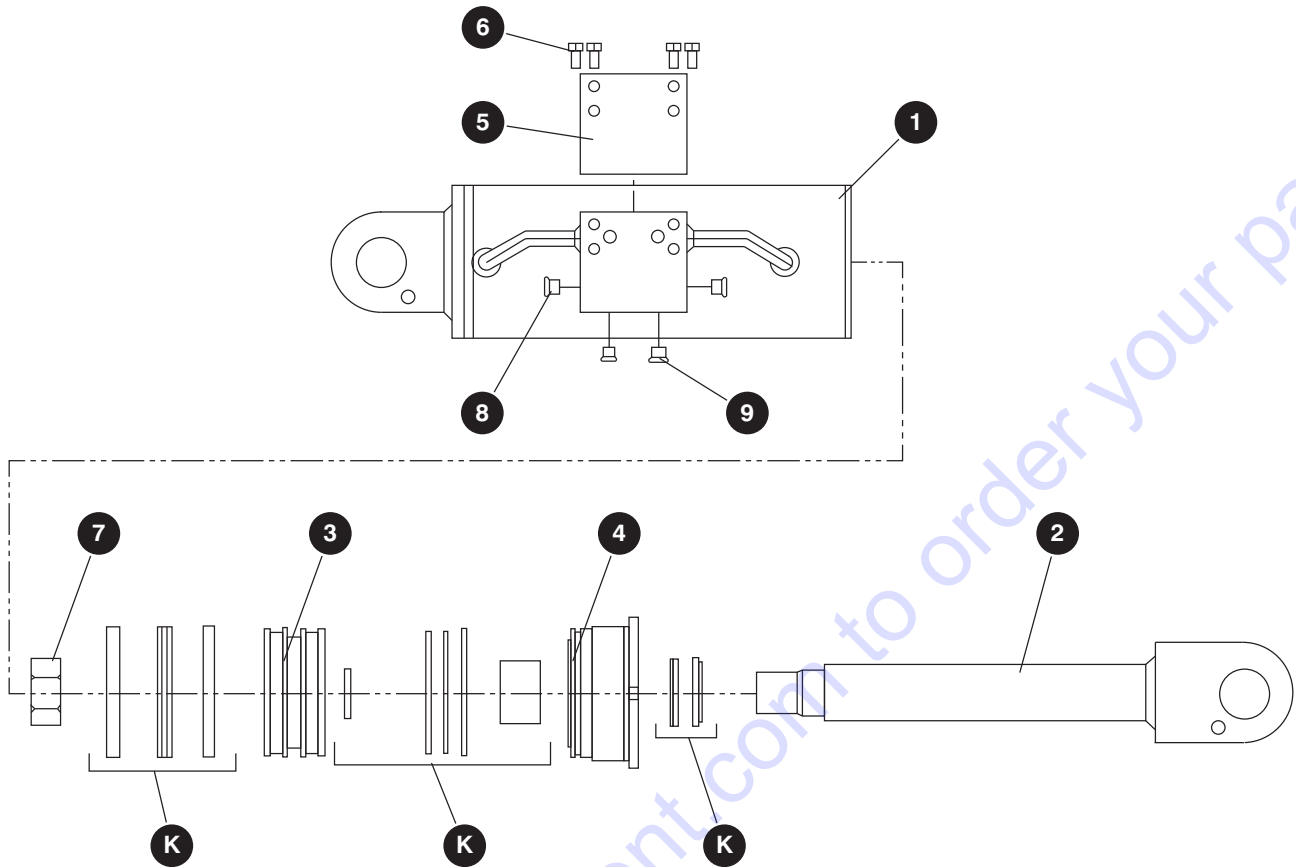
SJ1256 THS

SKYJACK

7.6 Outriggers Cylinder Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-205064	1	Outriggers
1	9-213499	1	ASSEMBLY, Tube
2	9-213500	1	ASSEMBLY, Rod
3	9-213501	1	GLAND
4	9-213502	1	PISTON
5	9-213481	1	SET SCREW
6	9-209121	1	STEEL BALL
7	9-206229	1	COUNTERBALANCE V/V
8	9-206181	1	COUNTERBALANCE V/V
9	9-213503	4	MRP BEARING
10	9-213504	1	DRY BEARING
11	9-213505	1	BACK UP RING - PTFE
K	9-213506		SEAL KIT, Outriggers

7.7 RAS Cylinder Components



M191832AB

Index No.	Skyjack Part No.	Qty.	Description
-	9-191832	1	ASSEMBLY, RAS Cylinder
1	9-197213	1	• ASSEMBLY, Tube
2	9-197069	1	• ASSEMBLY, Rod
3	9-197070	1	• PISTON
4	9-197071	1	• GLAND
5	9-197214	1	• DUST COVER
6	9-197215	4	• BOLT
7	9-197072	1	• NUT, Lock
8	9-197054	2	• PLUG
9	9-197035	2	• PLUG
K	9-197100	1	• SEAL KIT, RAS Cylinder

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Section 8 – Hydraulics

8.2 *Main Manifold Installation*

8.3 *Main Manifold Assembly*

8.4 *Manifold Components*

8.5 *Hydraulic Return Filter*

8.6 *CVT Hydraulic Return Filter Assembly*

8.7 *Outriggers Manifold*

8.8 *Boom & Telescopic Hydraulic Hoses*

8.9 *Carriage Hydraulic Hoses*

8.10 *Frame Level Hydraulic Hoses*

8.11 *Brakes & Steering Hydraulic Hoses*

8.12 *Hydraulic Pump Hoses*

8.13 *CVT Hydraulic Pump Hoses*

8.14 *Cab Hydraulic Hoses*

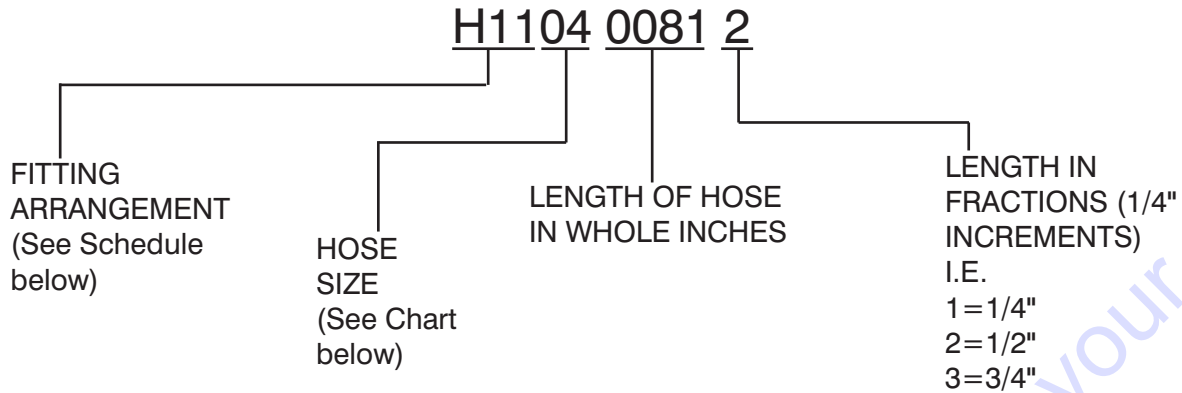
8.15 *RAS Cylinder Hydraulic Hoses*

8.16 *Auxiliary Hydraulic Hoses*

8.17 *Outriggers Hydraulic Hoses*

8.18 *Auxiliary Manifold*

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

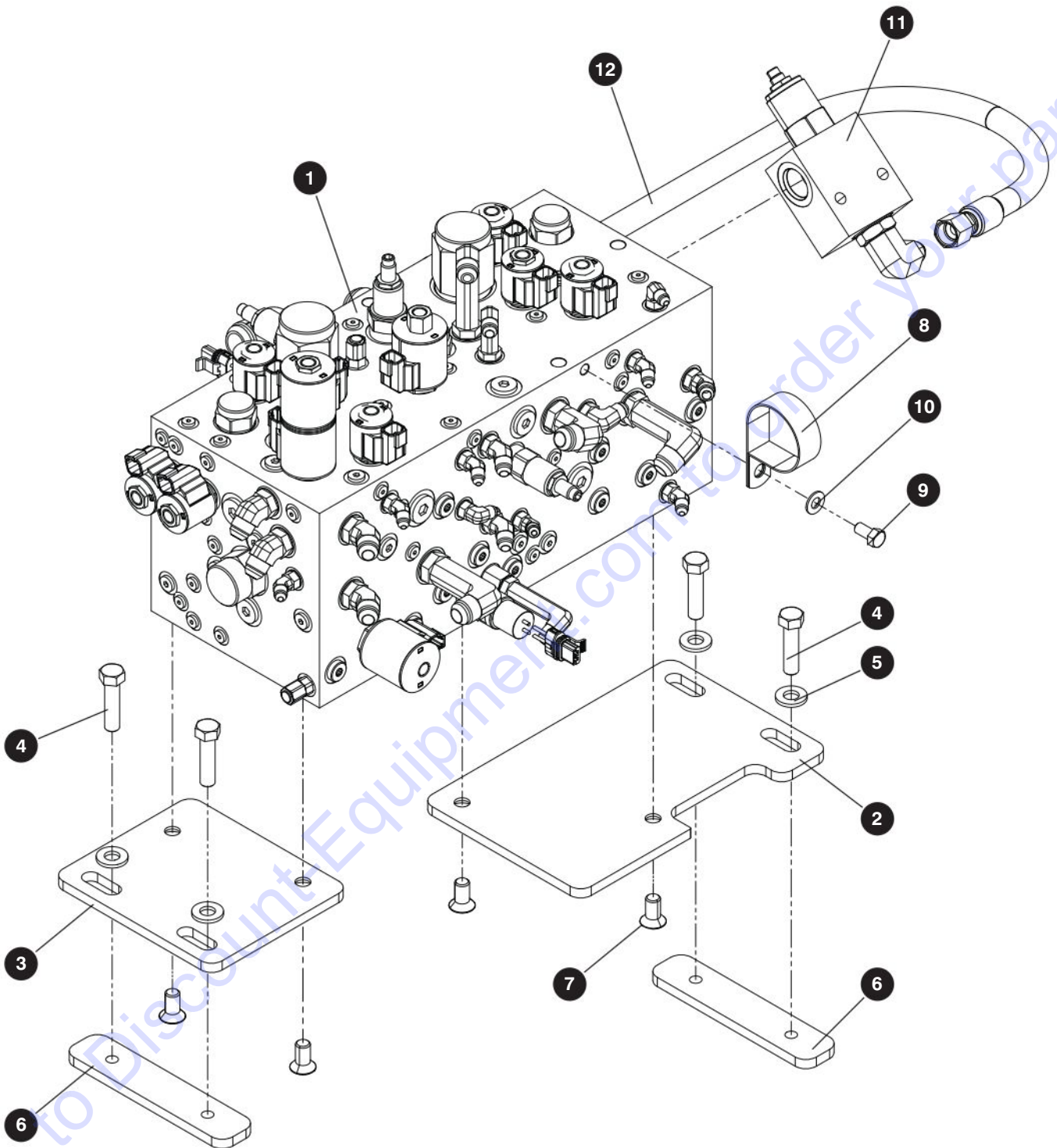
Hose ends and hose must be from same manufacturer per S.A.E. J1273 Nov. '91, Sections 3.10 and 4.2. Hose ends and hose must be of the same size i.e. #4 size fittings must be used with #4 size hose.

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 End Fitting			Hose End Fitting			S.A.E. Hose Specification				
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 Installation



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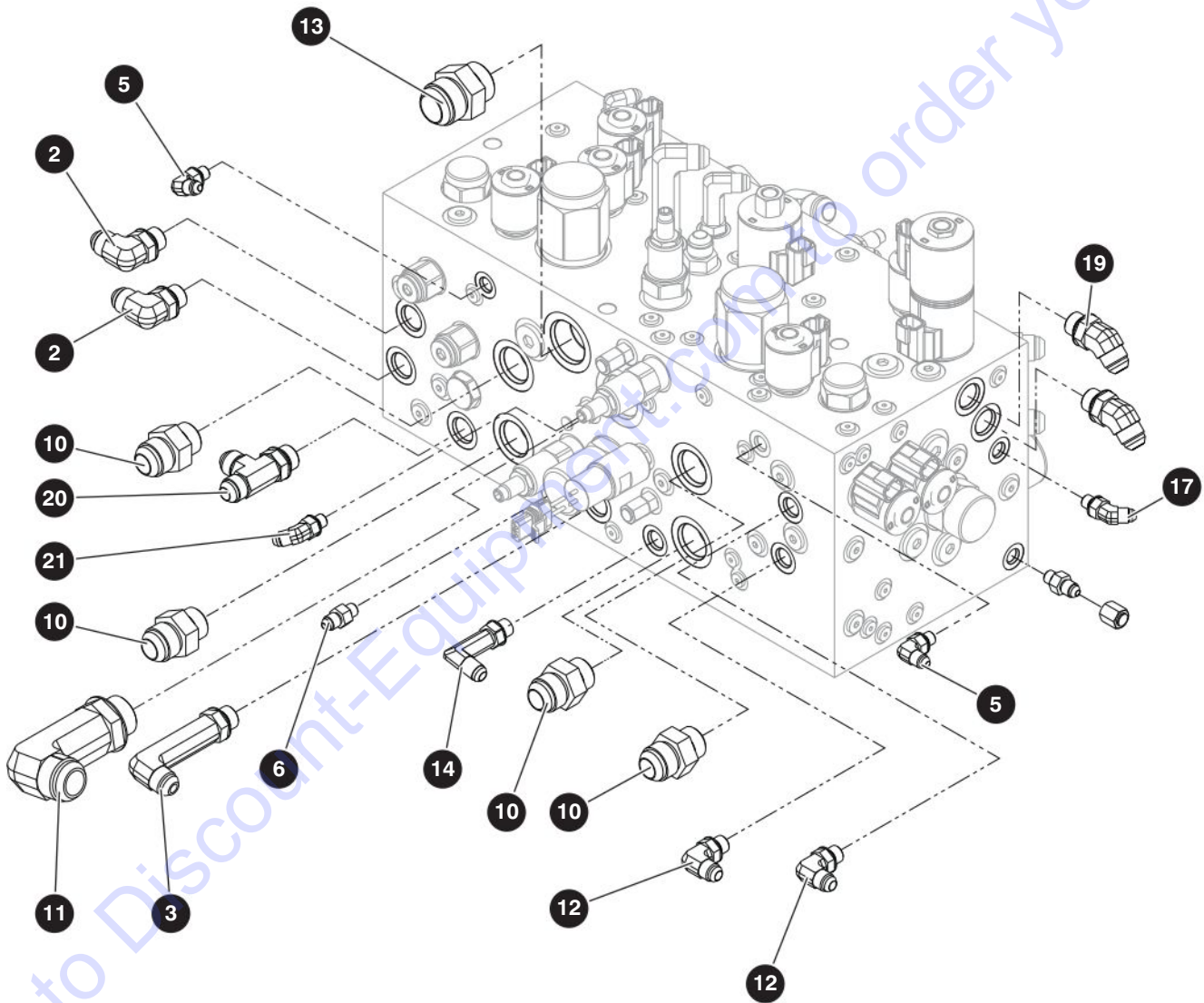
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SKYJACK

8.2 Main Manifold Installation

Index No.	Skyjack Part No.	Qty.	Description
-	9-205217	1	MANIFOLD, SUBGROUP 1256
1	9-205218	1	<ul style="list-style-type: none"> ASSEMBLY, Manifold 1256 (For components, refer to Section 8.3)
2	9-191818	1	<ul style="list-style-type: none"> PLATE, Manifold rear
3	9-191817	1	<ul style="list-style-type: none"> PLATE, Manifold front
4	9-103904	4	<ul style="list-style-type: none"> BOLT, Hex Head 1/2"-13 x 2" Gr. 5
5	9-104379	4	<ul style="list-style-type: none"> WASHER, Flat 1/2" Hard
6	9-190692	2	<ul style="list-style-type: none"> PLATE, Manifold clamp
7	9-190298	4	<ul style="list-style-type: none"> SCREW, Flat head cap 1/2"-13 x 1"
8	9-143987	1	<ul style="list-style-type: none"> CLAMP, Loop cushion #40
9	9-101632	1	<ul style="list-style-type: none"> BOLT, Hex Head 3/8"-16 x 3/4" Gr. 5
10	9-103472	1	<ul style="list-style-type: none"> WASHER, Flat 3/8"
11	9-206115	1	<ul style="list-style-type: none"> VALVE, Relief with anti-cav 4300 PSI
12	H620800300	1	<ul style="list-style-type: none"> HOSE, H62 (1/2"/100R16 x 30" long)

8.3 Main Manifold Assembly



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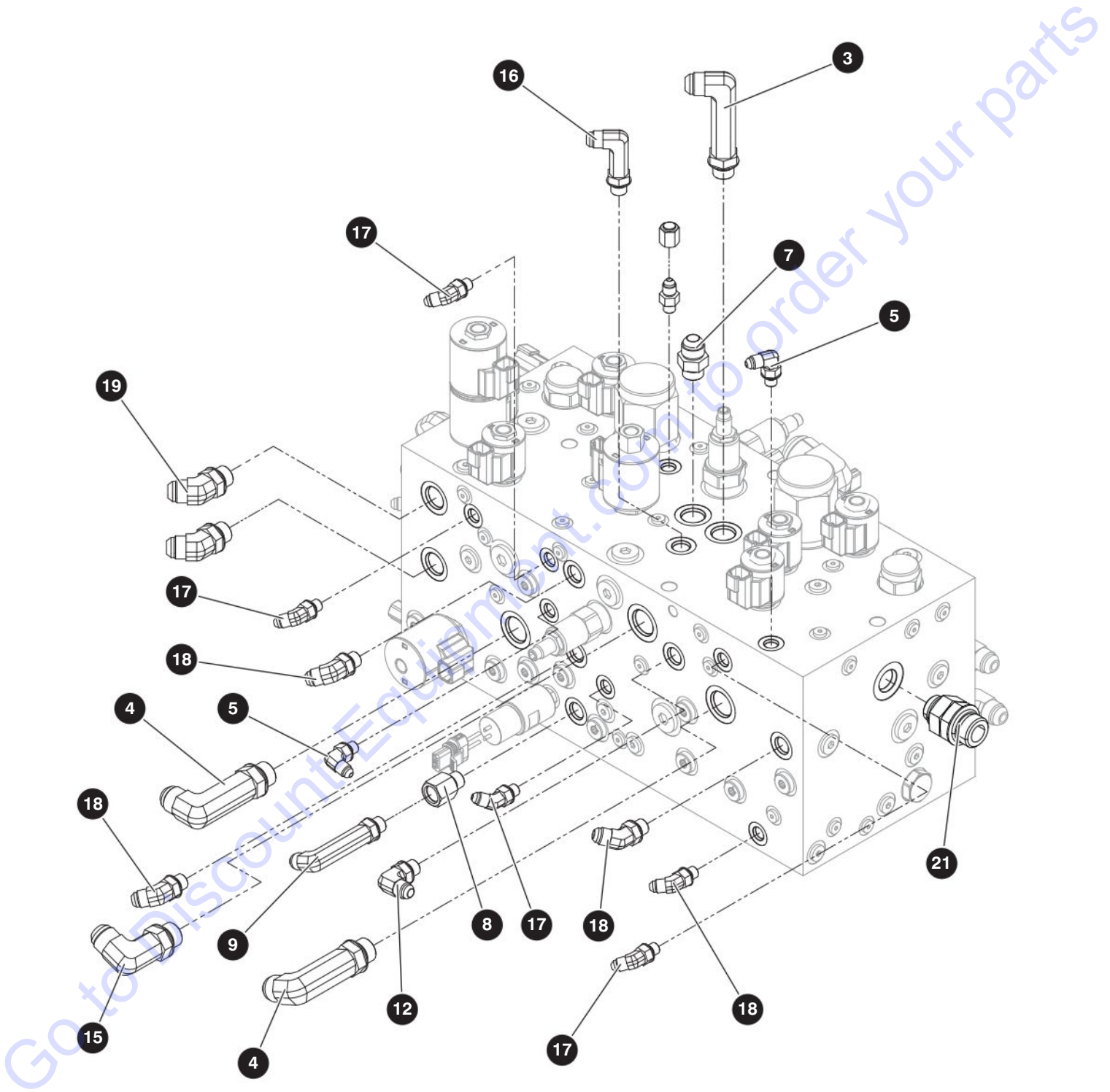
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SKYJACK

8.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-205218	1	MANIFOLD, ASSEMBLY 1256
1	9-205190	1	<ul style="list-style-type: none"> • MANIFOLD, MAIN 1256 (For components, refer to Section 8.4)
2	9-114583	2	<ul style="list-style-type: none"> • FITTING, 90° (08 JICM - 08 ORBM)
3	9-150943	2	<ul style="list-style-type: none"> • FITTING, 90° LLL (08 JICM - 08 ORBM)
4	9-191857	2	<ul style="list-style-type: none"> • FITTING, 90° LL (10 JICM - 10 ORBM)
5	9-125883	4	<ul style="list-style-type: none"> • FITTING, 90° (04 JICM - 04 ORBM)
6	9-126128	1	<ul style="list-style-type: none"> • FITTING, (04 SAE - 04 JIC)
7	9-102659	1	<ul style="list-style-type: none"> • FITTING, Straight (08 JICM - 08 ORBM)
8	9-196193	1	<ul style="list-style-type: none"> • FITTING, Straight (06 ORBM - 06 ORBF)
9	9-147536	1	<ul style="list-style-type: none"> • FITTING, 90° LLL (06 JICM - 06 ORBM)
10	9-702118	4	<ul style="list-style-type: none"> • FITTING, (12 ORBM - 12 JICM)
11	9-191599	1	<ul style="list-style-type: none"> • FITTING, 90° LL (16 JICM - 16 ORBM)
12	9-114578	3	<ul style="list-style-type: none"> • FITTING, 90° (06 JICM - 06 ORBM)
13	9-138667	1	<ul style="list-style-type: none"> • FITTING, (16 ORBM - 16 JICM)
14	9-139104	1	<ul style="list-style-type: none"> • FITTING, 90° long (06 JICM - 06 ORBM)
15	9-135091	1	<ul style="list-style-type: none"> • FITTING, 90° long (10 JICM - 10 ORBM)
16	9-162071	1	<ul style="list-style-type: none"> • FITTING, 90° (06 JICM - 06 ORBM) - XL
17	9-131716	6	<ul style="list-style-type: none"> • FITTING, 45° (04 JICM - 04 ORBM)
18	9-114580	3	<ul style="list-style-type: none"> • FITTING, 45° (06 JICM - 06 ORBM)
19	9-139739	4	<ul style="list-style-type: none"> • FITTING, 45° (08 JICM - 08 ORBM)
20	9-110554	1	<ul style="list-style-type: none"> • FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
21	9-206091	1	<ul style="list-style-type: none"> • FITTING, Straight (12 ORBM - 10 ORBM)

8.3 Main Manifold Assembly



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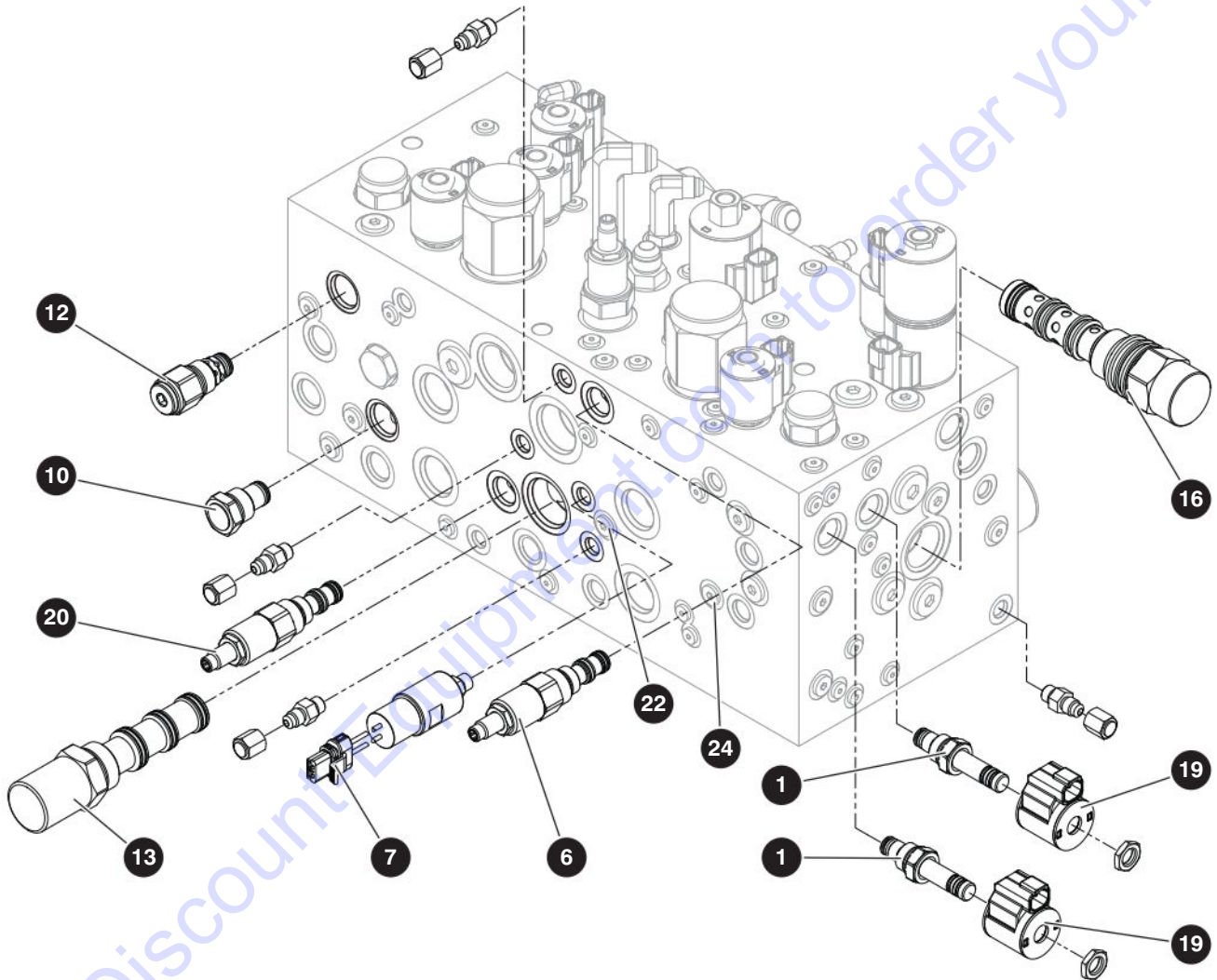
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SKYJACK

8.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-205218	1	MANIFOLD, ASSEMBLY 1256
1	9-205190	1	<ul style="list-style-type: none"> MANIFOLD, MAIN 1256 (For components, refer to Section 8.4)
2	9-114583	2	<ul style="list-style-type: none"> FITTING, 90° (08 JICM - 08 ORBM)
3	9-150943	2	<ul style="list-style-type: none"> FITTING, 90° LLL (08 JICM - 08 ORBM)
4	9-191857	2	<ul style="list-style-type: none"> FITTING, 90° LL (10 JICM - 10 ORBM)
5	9-125883	4	<ul style="list-style-type: none"> FITTING, 90° (04 JICM - 04 ORBM)
6	9-126128	1	<ul style="list-style-type: none"> FITTING, (04 SAE - 04 JIC)
7	9-102659	1	<ul style="list-style-type: none"> FITTING, Straight (08 JICM - 08 ORBM)
8	9-196193	1	<ul style="list-style-type: none"> FITTING, Straight (06 ORBM - 06 ORBF)
9	9-147536	1	<ul style="list-style-type: none"> FITTING, 90° LLL (06 JICM - 06 ORBM)
10	9-702118	4	<ul style="list-style-type: none"> FITTING, (12 ORBM - 12 JICM)
11	9-191599	1	<ul style="list-style-type: none"> FITTING, 90° LL (16 JICM - 16 ORBM)
12	9-114578	3	<ul style="list-style-type: none"> FITTING, 90° (06 JICM - 06 ORBM)
13	9-138667	1	<ul style="list-style-type: none"> FITTING, (16 ORBM - 16 JICM)
14	9-139104	1	<ul style="list-style-type: none"> FITTING, 90° long (06 JICM - 06 ORBM)
15	9-135091	1	<ul style="list-style-type: none"> FITTING, 90° long (10 JICM - 10 ORBM)
16	9-162071	1	<ul style="list-style-type: none"> FITTING, 90° (06 JICM - 06 ORBM) - XL
17	9-131716	6	<ul style="list-style-type: none"> FITTING, 45° (04 JICM - 04 ORBM)
18	9-114580	3	<ul style="list-style-type: none"> FITTING, 45° (06 JICM - 06 ORBM)
19	9-139739	4	<ul style="list-style-type: none"> FITTING, 45° (08 JICM - 08 ORBM)
20	9-110554	1	<ul style="list-style-type: none"> FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
21	9-206091		<ul style="list-style-type: none"> FITTING, Straight (12 ORBM - 10 ORBM)

8.4 Manifold Components



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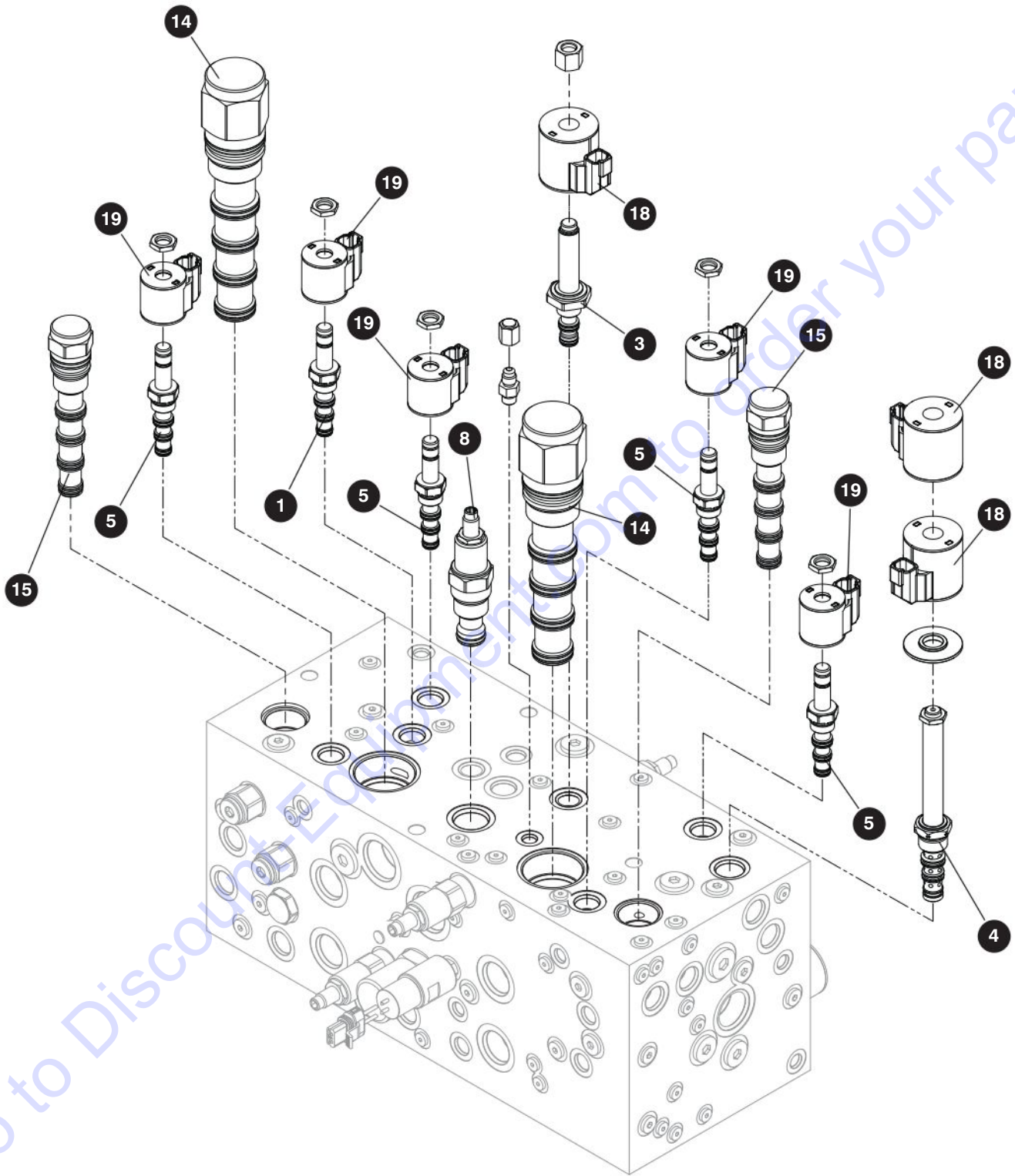
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SKYJACK

8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	9-102626	3	VALVE, Solenoid Cartridge Spool
2	9-171412	12	VALVE, Check
3	9-171796	1	VALVE, Solenoid cartridge SV38-38
4	9-191795	1	VALVE, Solenoid 4w3p
5	9-191796	4	VALVE, Solenoid 4W2P
6	9-191798	1	VALVE, Pressure reducing/relieving
7	9-191800	1	SWITCH, Pressure 350psi
8	9-191802	1	VALVE, Relief
9	9-191810	1	SWITCH, Pressure 450 psi
10	9-206177	2	VALVE, Check
11	9-206185	1	VALVE, Relief
12	9-221887	1	VALVE, Relief anti-cavitation
13	9-206188	1	VALVE, Pressure compensator
14	9-206190	2	VALVE, Proportional-pilot operated
15	9-206191	2	VALVE, Proportional-pilot operated
16	9-206192	1	VALVE, Piloted 2-way spool
17	9-206194	1	VALVE, Solenoid cartridge, 2-way
18	9-168057	4	COIL, Solenoid - (12 VDC, size 10)
19	9-208882	7	COIL, Solenoid - (12 VDC, size 08)
20	9-220518	1	VALVE, Reduce/relieve
21	9-191807	1	• PLUG, Orifice 0.019"
22	9-191808	1	• PLUG, Orifice 0.089"
23	9-206178	1	• PLUG, Orifice 0.045"
24	9-199033	1	• PLUG, Orifice 0.033"
25	9-191809	1	• PLUG, Orifice 0.063"
26	9-199032	1	• DISC, Orifice 0.052"

8.4 Manifold Components



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SKYJACK

PARTS FINDER

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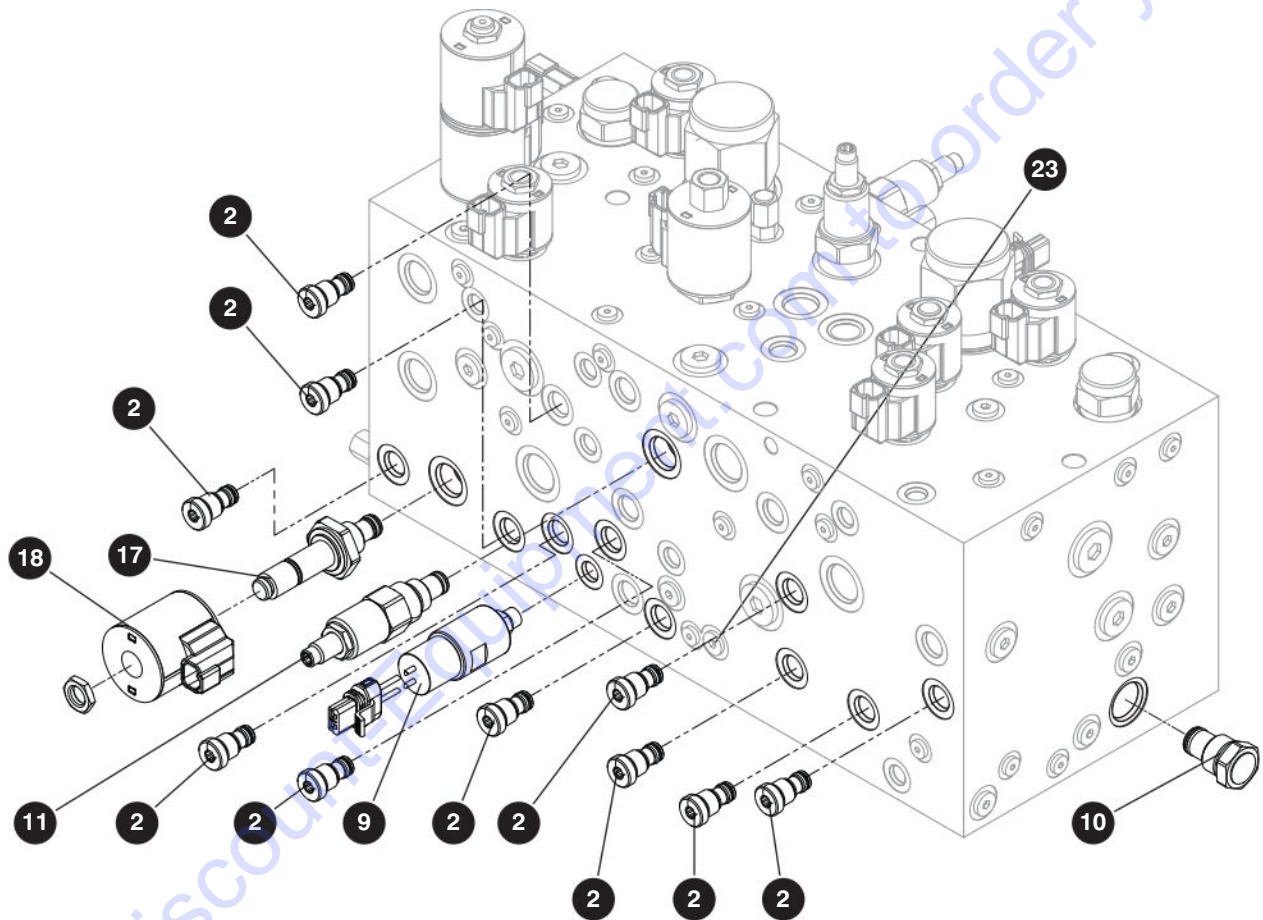
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8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	9-102626	3	VALVE, Solenoid Cartridge Spool
2	9-171412	12	VALVE, Check
3	9-171796	1	VALVE, Solenoid cartridge SV38-38
4	9-191795	1	VALVE, Solenoid 4w3p
5	9-191796	4	VALVE, Solenoid 4W2P
6	9-191798	1	VALVE, Pressure reducing/relieving
7	9-191800	1	SWITCH, Pressure 350psi
8	9-191802	1	VALVE, Relief
9	9-191810	1	SWITCH, Pressure 450 psi
10	9-206177	2	VALVE, Check
11	9-206185	1	VALVE, Relief
12	9-221887	1	VALVE, Relief anti-cavitation
13	9-206188	1	VALVE, Pressure compensator
14	9-206190	2	VALVE, Proportional-pilot operated
15	9-206191	2	VALVE, Proportional-pilot operated
16	9-206192	1	VALVE, Piloted 2-way spool
17	9-206194	1	VALVE, Solenoid cartridge, 2-way
18	9-168057	4	COIL, Solenoid - (12 VDC, size 10)
19	9-208882	7	COIL, Solenoid - (12 VDC, size 08)
20	9-220518	1	VALVE, Reduce/relieve
21	9-191807	1	• PLUG, Orifice 0.019"
22	9-191808	1	• PLUG, Orifice 0.089"
23	9-206178	1	• PLUG, Orifice 0.045"
24	9-199033	1	• PLUG, Orifice 0.033"
25	9-191809	1	• PLUG, Orifice 0.063"
26	9-199032	1	• DISC, Orifice 0.052"

8.4 Manifold Components



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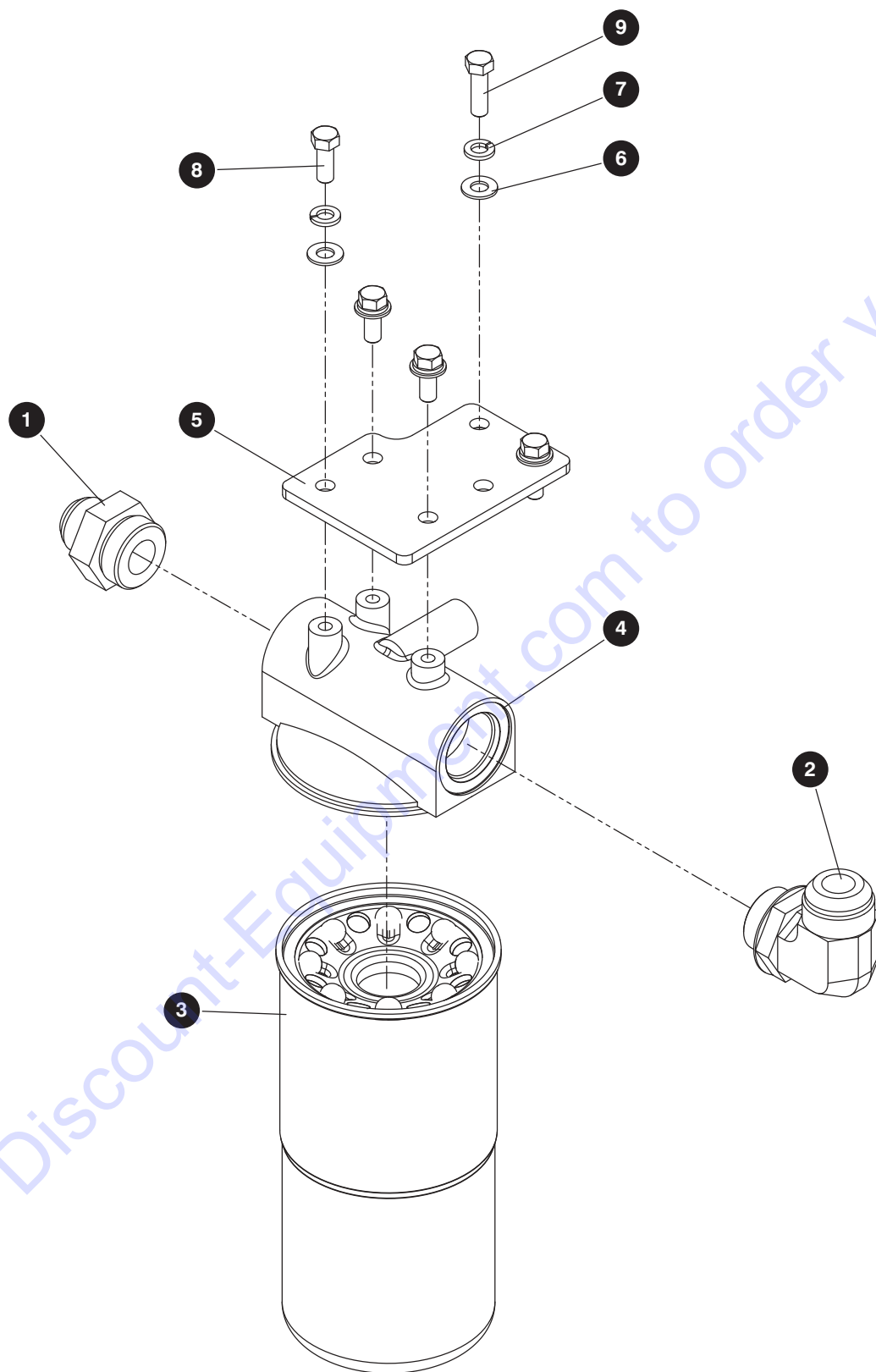
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SKYJACK

8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	9-102626	3	VALVE, Solenoid Cartridge Spool
2	9-171412	12	VALVE, Check
3	9-171796	1	VALVE, Solenoid cartridge SV38-38
4	9-191795	1	VALVE, Solenoid 4w3p
5	9-191796	4	VALVE, Solenoid 4W2P
6	9-191798	1	VALVE, Pressure reducing/relieving
7	9-191800	1	SWITCH, Pressure 350psi
8	9-191802	1	VALVE, Relief
9	9-191810	1	SWITCH, Pressure 450 psi
10	9-206177	2	VALVE, Check
11	9-206185	1	VALVE, Relief
12	9-221887	1	VALVE, Relief anti-cavitation
13	9-206188	1	VALVE, Pressure compensator
14	9-206190	2	VALVE, Proportional-pilot operated
15	9-206191	2	VALVE, Proportional-pilot operated
16	9-206192	1	VALVE, Piloted 2-way spool
17	9-206194	1	VALVE, Solenoid cartridge, 2-way
18	9-168057	4	COIL, Solenoid - (12 VDC, size 10)
19	9-208882	7	COIL, Solenoid - (12 VDC, size 08)
20	9-220518	1	VALVE, Reduce/relieve
21	9-191807	1	PLUG, Orifice 0.019"
22	9-191808	1	PLUG, Orifice 0.089"
23	9-206178	1	PLUG, Orifice 0.045"
24	9-199033	1	PLUG, Orifice 0.033"
25	9-191809	1	PLUG, Orifice 0.063"
26	9-199032	1	DISC, Orifice 0.052"

8.5 Hydraulic Return Filter



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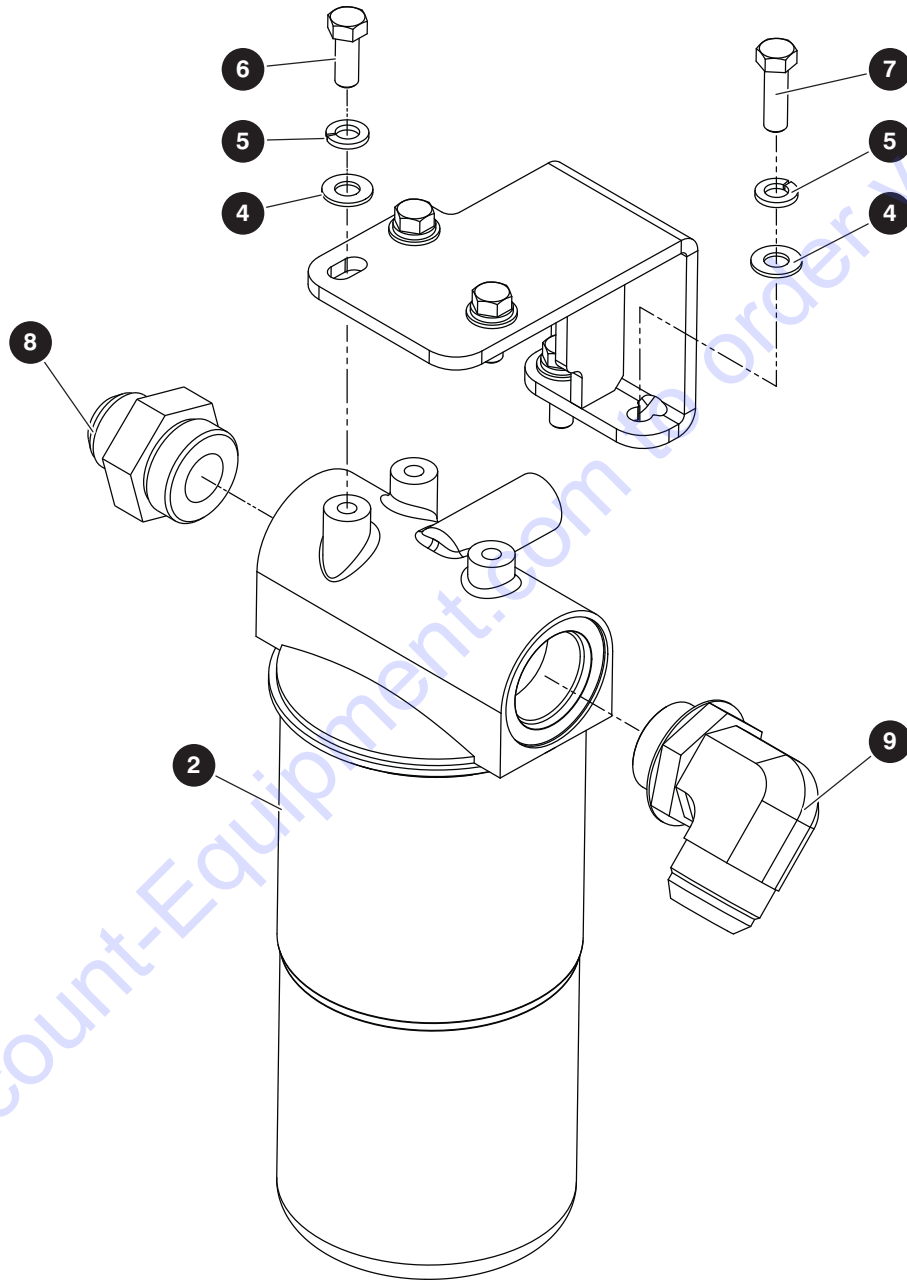
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8.5 Hydraulic Return Filter

Index No.	Skyjack Part No.	Qty.	Description
-	9-191415	1	ASSEMBLY, RETURN FILTER
1	9-190361	1	• FITTING, Straight (16 JICM - 20 ORBM)
2	9-406249	1	• FITTING, 90° (20 JICM - 20 ORBM)
3	9-157907	1	• ELEMENT, Filter (Hydraulic spin on)
4	9-157906	1	• ASSEMBLY, Head hydraulic return filter
5	9-190906	1	• PLATE, Hydraulic filter mount
6	9-103472	5	• WASHER, Flat 3/8" SAE
7	9-103999	5	• WASHER, Lock 3/8"
8	9-103473	3	• BOLT, Hex head cap 3/8"-16 x 1" Gr. 5
9	9-101297	2	• BOLT, Hex head cap 3/8"-16 x 1-1/4" Gr. 5

8.6 CVT Hydraulic Return Filter Assembly



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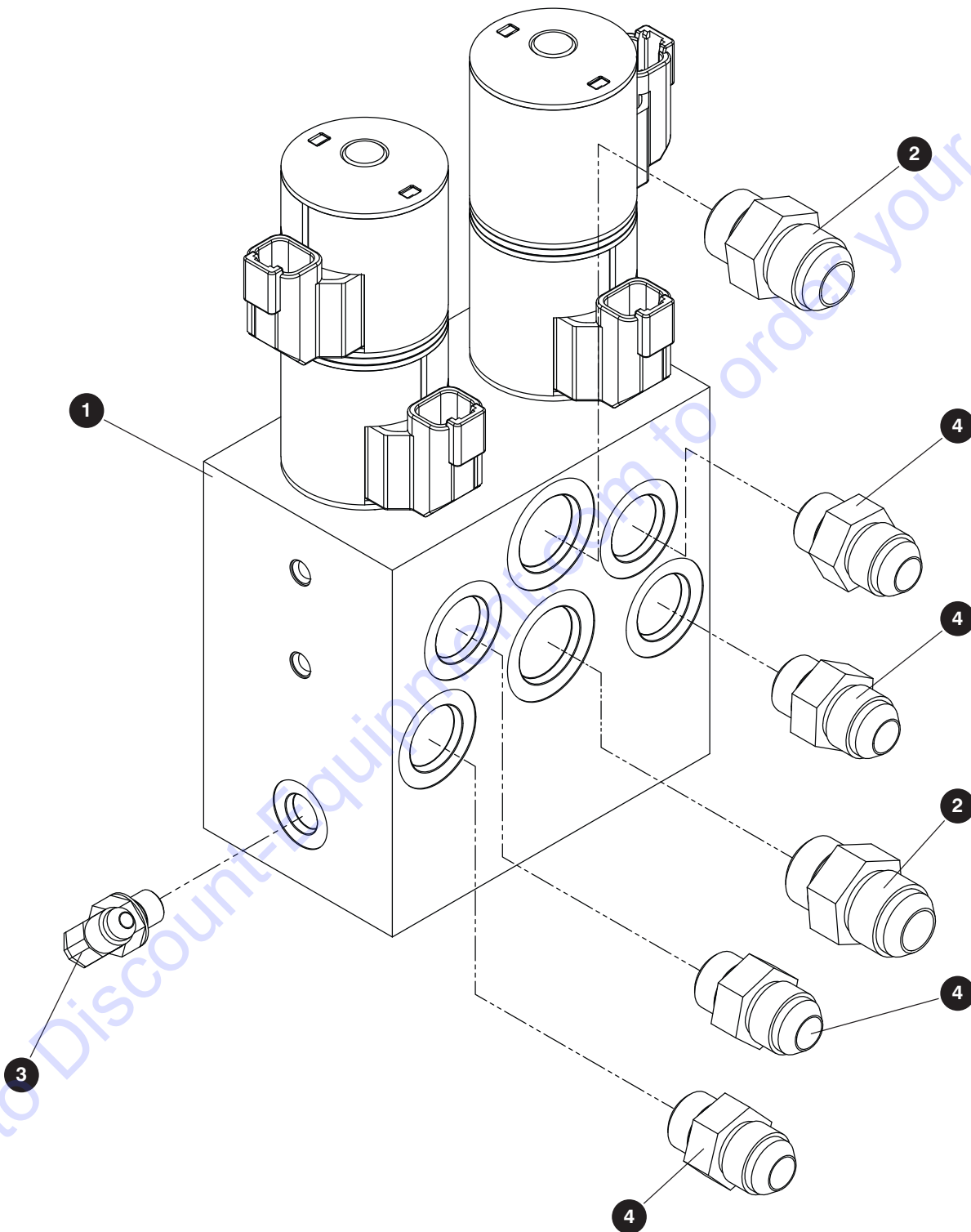
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8.6 CVT Hydraulic Return Filter Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	9-216748	1	RETURN FILTER SUBGROUP
1	9-216569	1	BRACKET, OIL FILTER MOUNT
2	9-157907	1	FILTER ELEMENT - HYDRAULIC SPIN ON
3	9-157906	1	HEAD ASSY - HYDRAULIC RETURN FILTER
4	9-103472	5	WASHER FLAT 0.375
5	9-103999	5	WASHER, LOCK 0.375
6	9-103473	3	BOLT-HEX HD/ZINC (.38-16 X 1.00 / GR5)
7	9-101297	2	BOLT-HEX HD/ZINC (.38-16 X 1.25 / GR5)
8	9-190361	1	FTG, Straight (20ORBM-16JICM)
9	9-406249	1	FTG, 90 DEG (20JICM-20ORBM)

8.7 Outriggers Manifold



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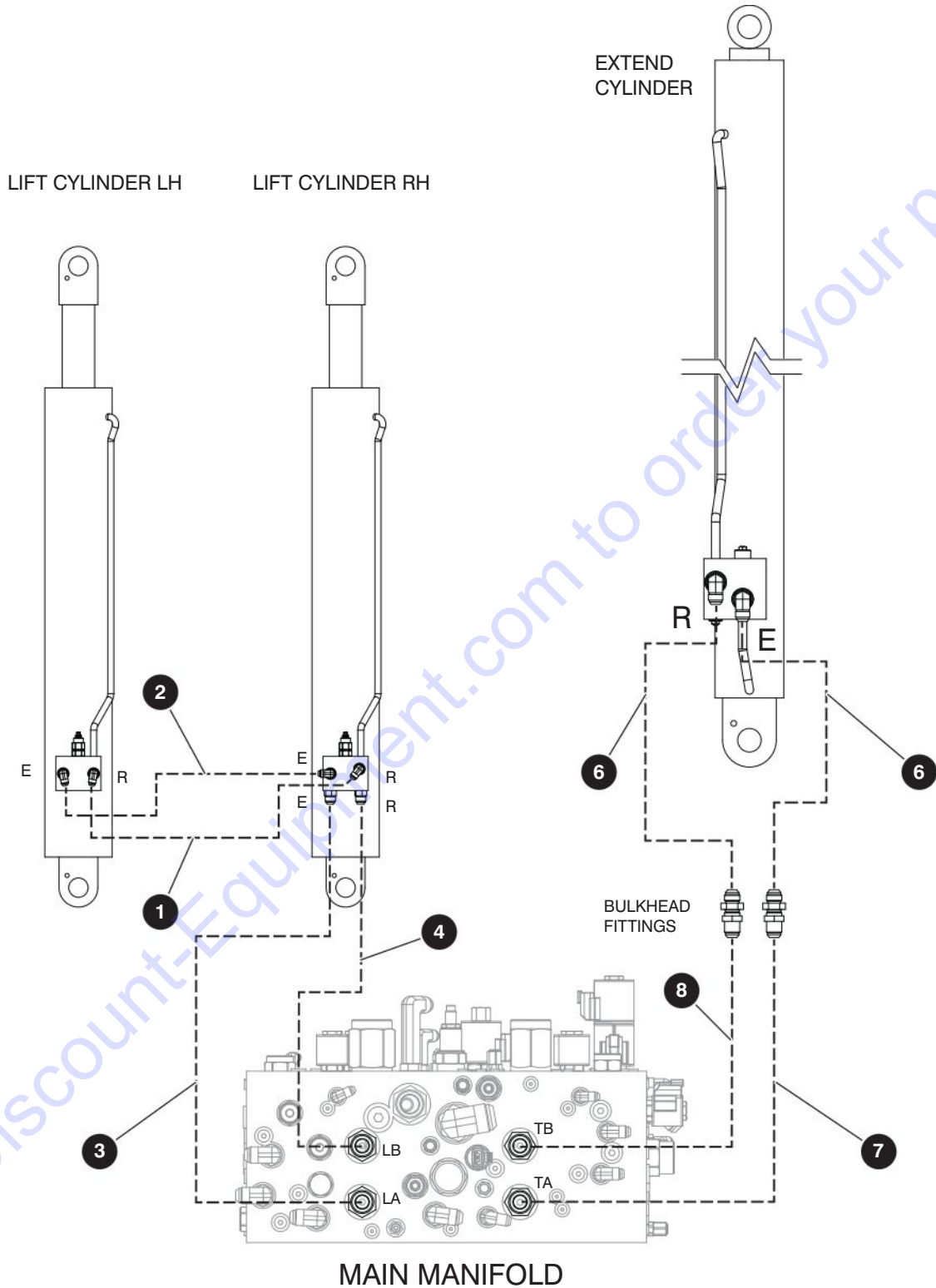
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8.7 Outriggers Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	9-205191	-	ASSEMBLY, OUTRIGGER MANIFOLD
1	9-169034	1	• MANIFOLD, Outrigger TH 1044 & 1056
2	9-137630	2	• FITTING, (10 ORBM - 10 JICM)
3	9-125883	1	• FITTING, 90° (04 JICM - 04 ORBM)
4	9-102659	4	• FITTING, Straight (08 JICM - 08 ORBM)

8.8 Boom & Telescopic Hydraulic Hoses



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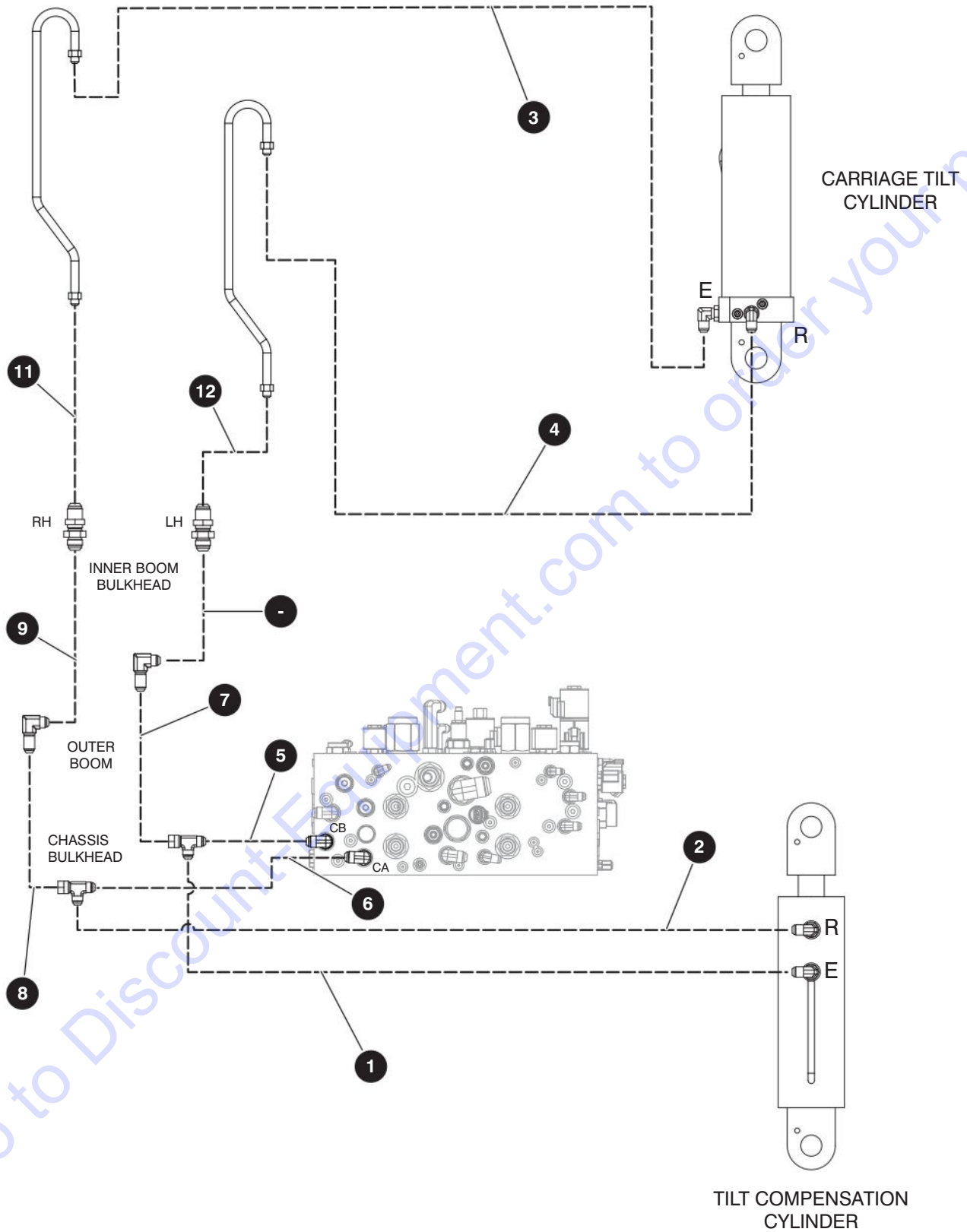
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8.8 Boom & Telescopic Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	-	SJ1056 TH			
1	H610800250	Lift cylinders	E		
2	H610800250	Lift cylinders	R		
3	H691200380	Main manifold	LA	E	RH Lift cylinder
4	H691200380	Main manifold	LB	R	RH Lift cylinder
5	H671200760	Extend cylinder	R	TB	Main manifold
6	H671200770	Extend cylinder	E	TA	Main manifold
7	H701200620	Main manifold	TA	E	Extend cylinder
8	H701200620	Main manifold	TB	R	Extend cylinder

8.9 Carriage Hydraulic Hoses



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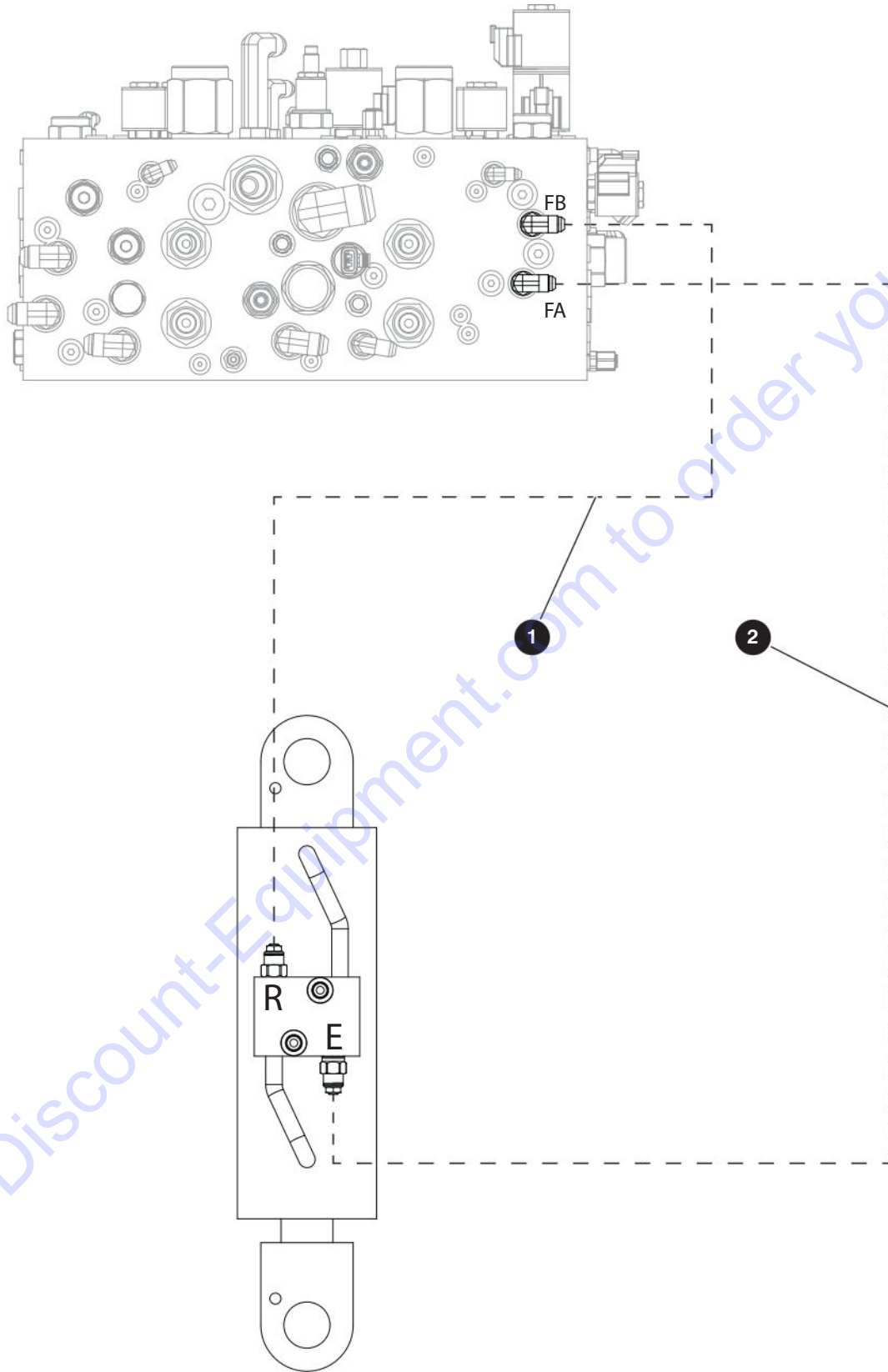
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8.9 Carriage Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H610800200	Tilt compensation cylinder	E		Chassis bulkhead left side
2	H610800170	Tilt compensation cylinder	R		Chassis bulkhead right side
3	H610801980	Carriage tilt cylinder	E		
4	H610801980	Carriage tilt	R		
5	H620800470	Main manifold	CB		Chassis bulkhead left side
6	H620800470	Main manifold	CA		Chassis bulkhead right side
7	H620801770	Chassis		R	BOOM BULKHEAD
8	H620801770	Chassis		E	BOOM BULKHEAD
9	H610801870	Over hose sheave left side	E		
10	H610801870	Over hose sheave	R		
11	9-205608	Extend line			
12	9-205608	Retract line			

Index No.	Skyjack Part No.	Qty.	Description
13	9-131732	18	SLEEVE, Nylon hose protection hg-46

8.10 Frame Level Hydraulic Hoses



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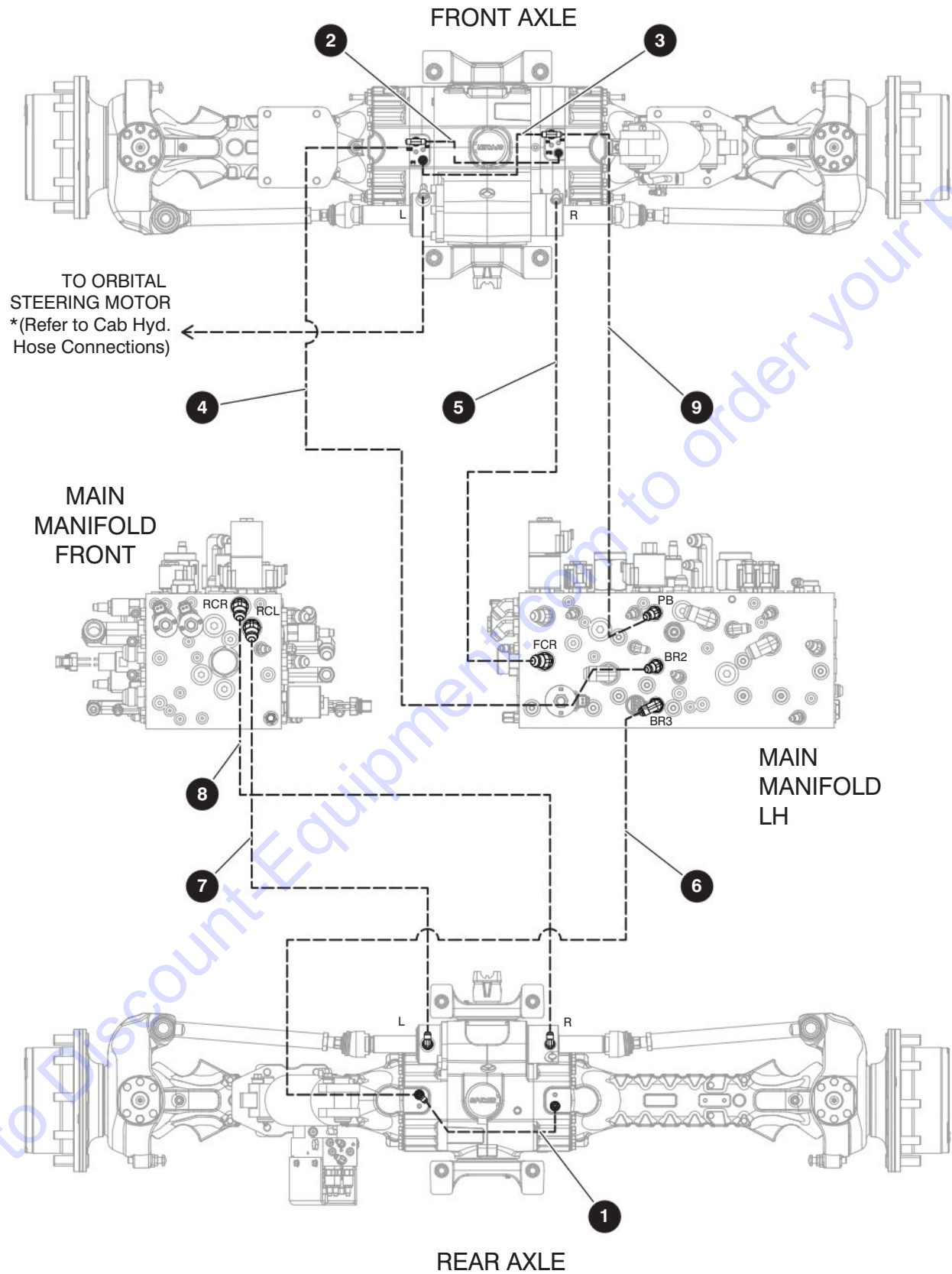
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8.10 Frame Level Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H610601320	Main manifold	FB	R	Frame level cylinder
2	H610601320	Main manifold	FA	E	Frame level cylinder

Index No.	Skyjack Part No.	Qty.	Description
3	9-171444	10	WRAP, Spiral 1.00" DIA (Not Shown)

8.11 Brakes & Steering Hydraulic Hoses



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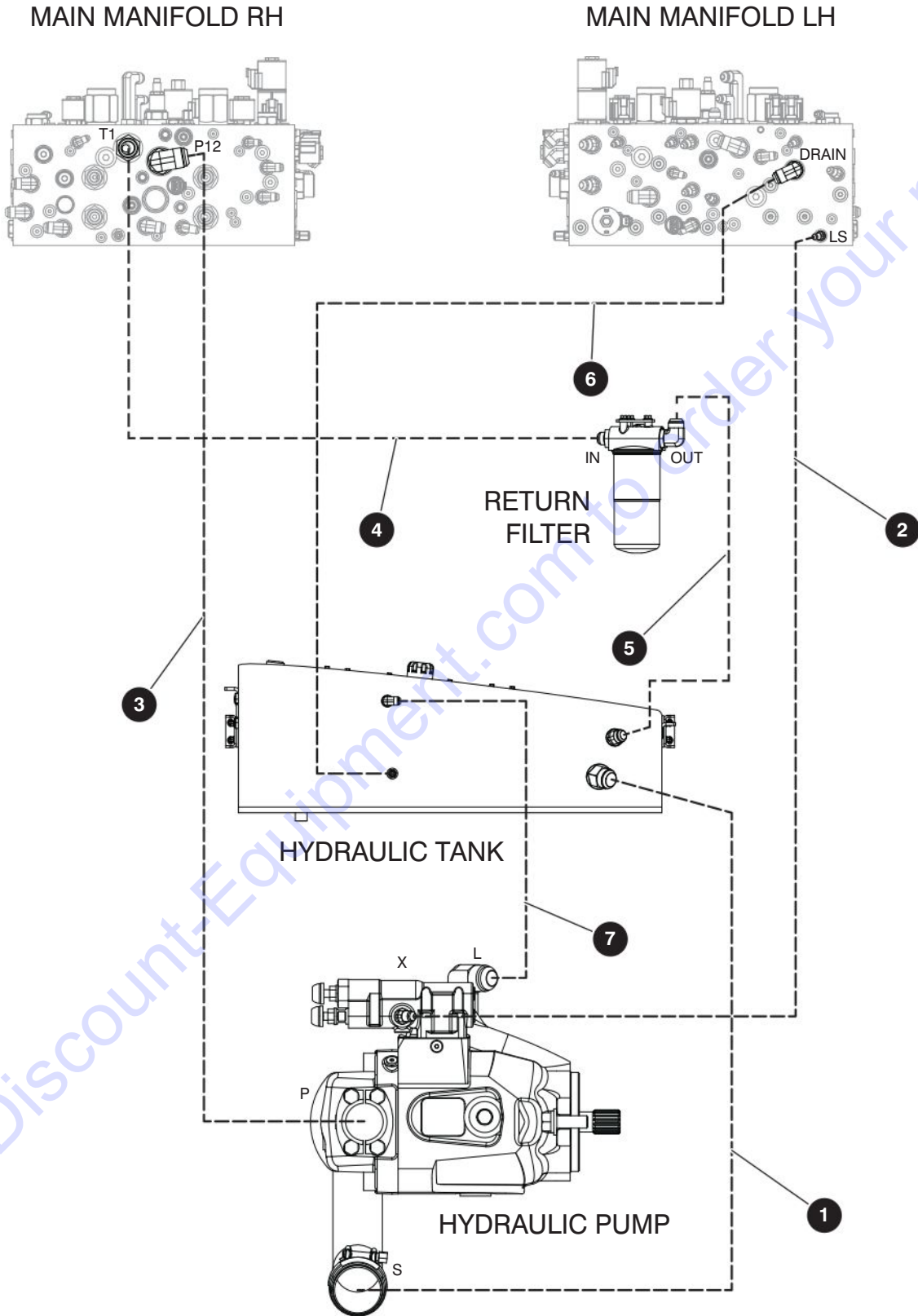
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8.11 Brakes & Steering Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H340600200	Rear service brake			Rear service brake
2	H340600200	Front service brake	P2	P2	Front service brake
3	H340600140	Parking brake	P1	P1	Parking brake
4	H340601330	Main manifold	BR2	P2	Front service brake
5	H310801230	Main manifold	FCR	R	Front steer cylinder
6	H340600550	Main manifold	BR3		Rear service brake
7	H310800400	Main manifold	RCL	L	Rear steer cylinder
8	H310800400	Main manifold	RCR	R	Rear steer cylinder
9	H340601350	Main manifold	PB	P1	Front parking brake

Index No.	Skyjack Part No.	Qty.	Description
10	9-171444	10	WRAP, Spiral 1.00" DIA (Not Shown)

8.12 Hydraulic Pump Hoses



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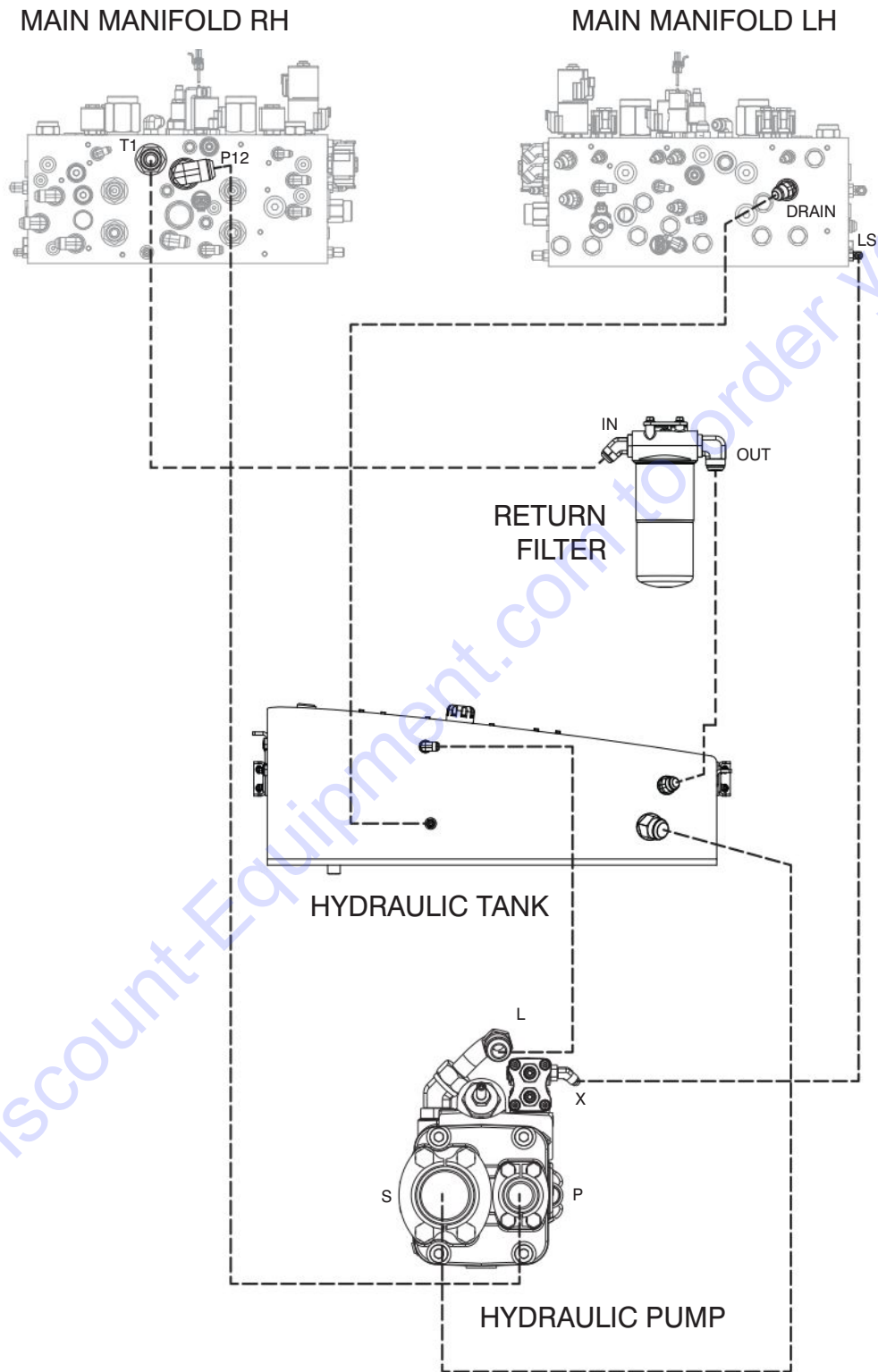
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8.12 Hydraulic Pump Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H663200360	Pump		S	Hydraulic tank
2	H610401100	Main manifold	LS	X	Pump
3	H651600870	Main manifold	P12	P	Pump
4	H201600830	Main manifold	T1	IN	Return filter
5	H202000190	Return filter	OUT		Hydraulic tank
6	H341000610	Main manifold	DRAIN		Hydraulic tank
7	H311200470	Pump		L	Hydraulic tank

8.13 CVT Hydraulic Pump Hoses



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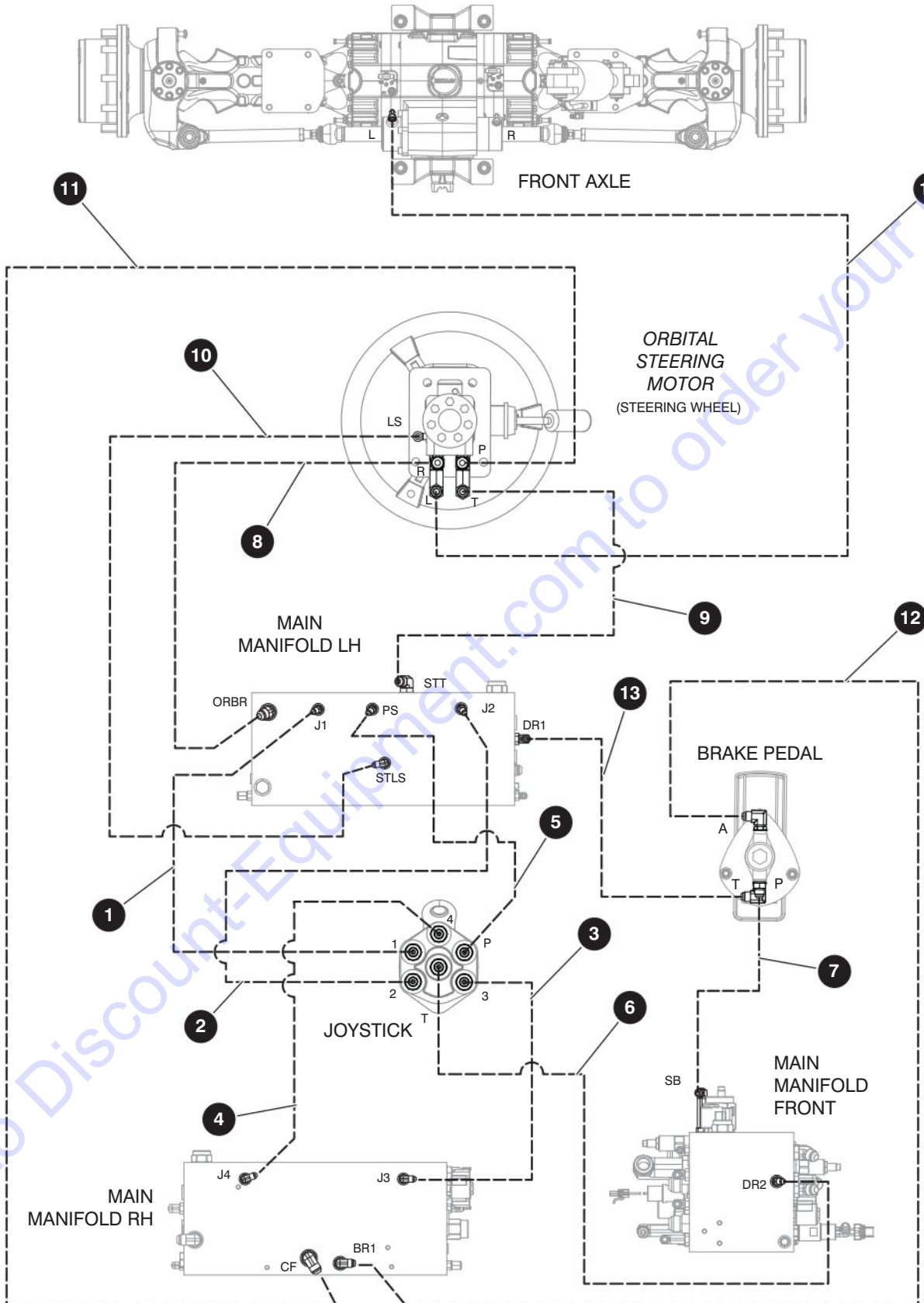
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8.13 CVT Hydraulic Pump Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H663200111	Pump	S		Hydraulic tank
2	H610401300	Main manifold	LS	X	Pump
3	H731600950	Main manifold	P12	P	Pump
4	H201600860	Main manifold	T1	IN	Return filter
5	H742000222	Return filter	OUT		Hydraulic tank
6	H341000610	Main manifold	DRAIN		Hydraulic tank
7	H321200680	Pump	L		Hydraulic tank

8.14 Cab Hydraulic Hoses



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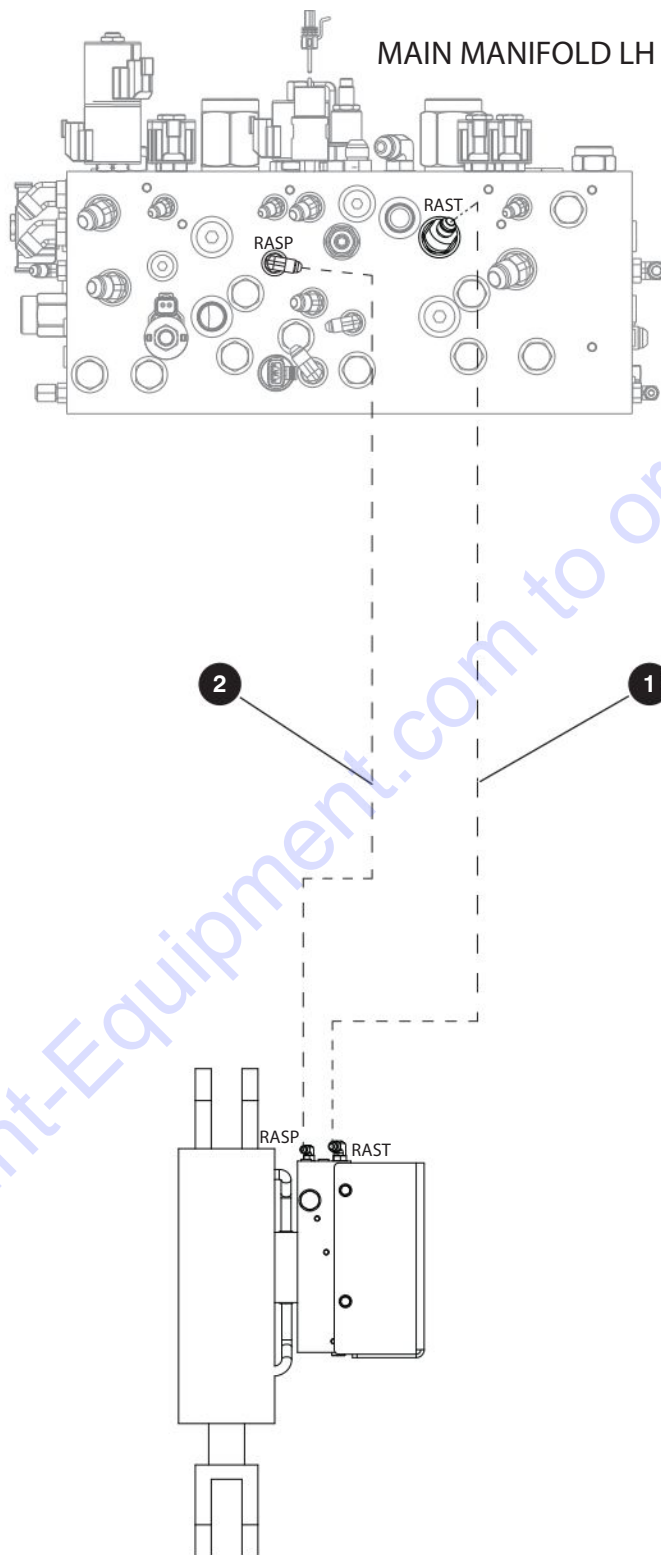
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8.14 Cab Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H310401170	Main manifold	J1	1	Joystick
2	H310401260	Main manifold	J2	2	Joystick
3	H310401060	Main manifold	J3	3	Joystick
4	H310401180	Main manifold	J4	4	Joystick
5	H310401100	Main manifold	PS	P	Joystick
6	H310401040	Main manifold	DR2	T	Joystick
7	H310601260	Main manifold	SB	P	Brake pedal
8	H310801240	Main manifold	ORBR	R	Steering console
9	H310801380	Main manifold	STT	T	Steering console
10	H310401310	Main manifold	STLS	LS	Steering console
11	H310801460	Main manifold	CF	P	Steering console
12	H310601260	Main manifold	BR1	A	Brake pedal
13	H310601300	Main manifold	DR1	T	Brake pedal
14	H310801290	Steering console	L	L	Front steer cylinder

8.15 RAS Cylinder Hidraulic Hoses



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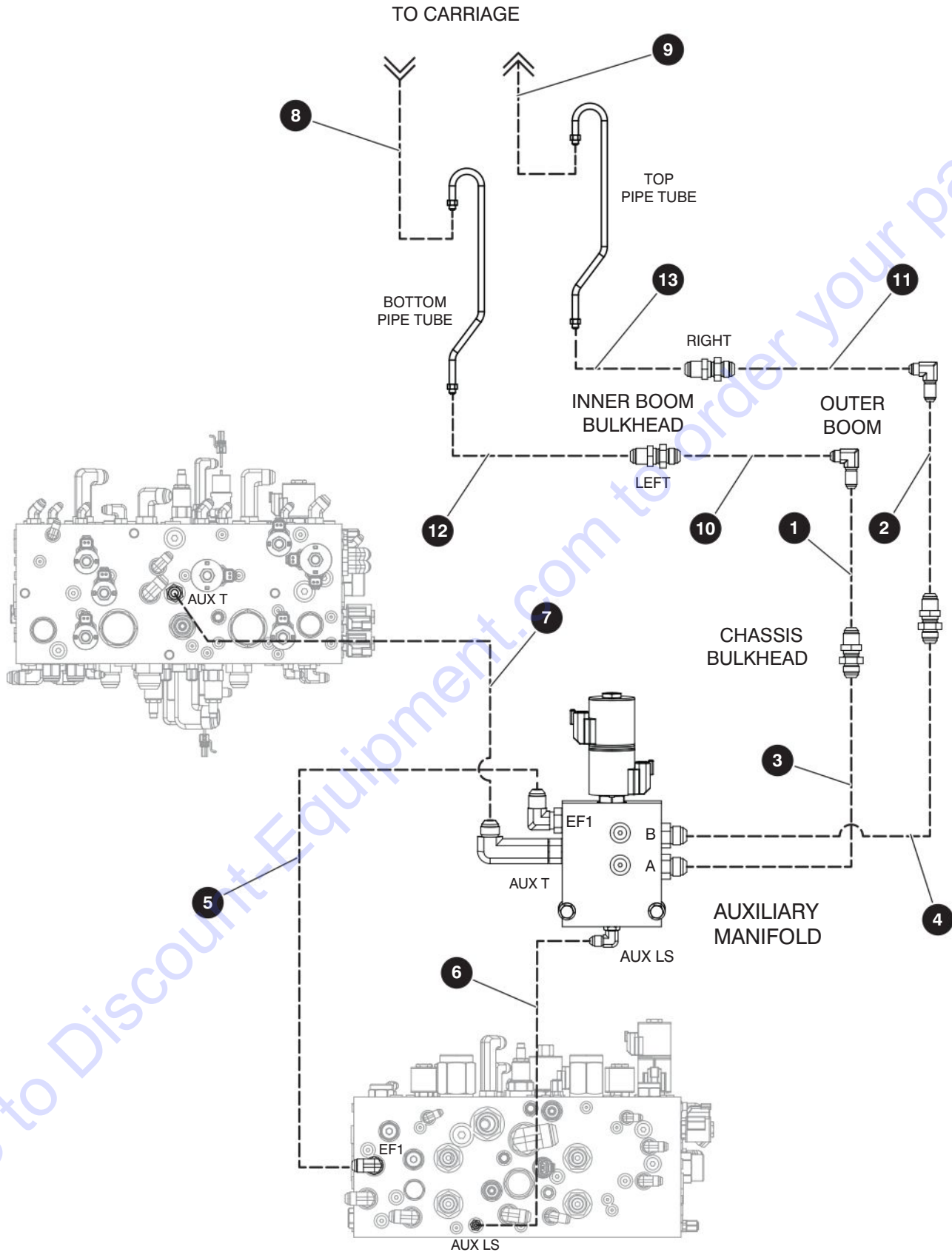
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8.15 RAS Cylinder Hidraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H310600310	Main manifold	RAST	RAST	Ras manifold
2	H310400370	Main manifold	RASP	RASP	Ras manifold

8.16 Auxiliary Hydraulic Hoses



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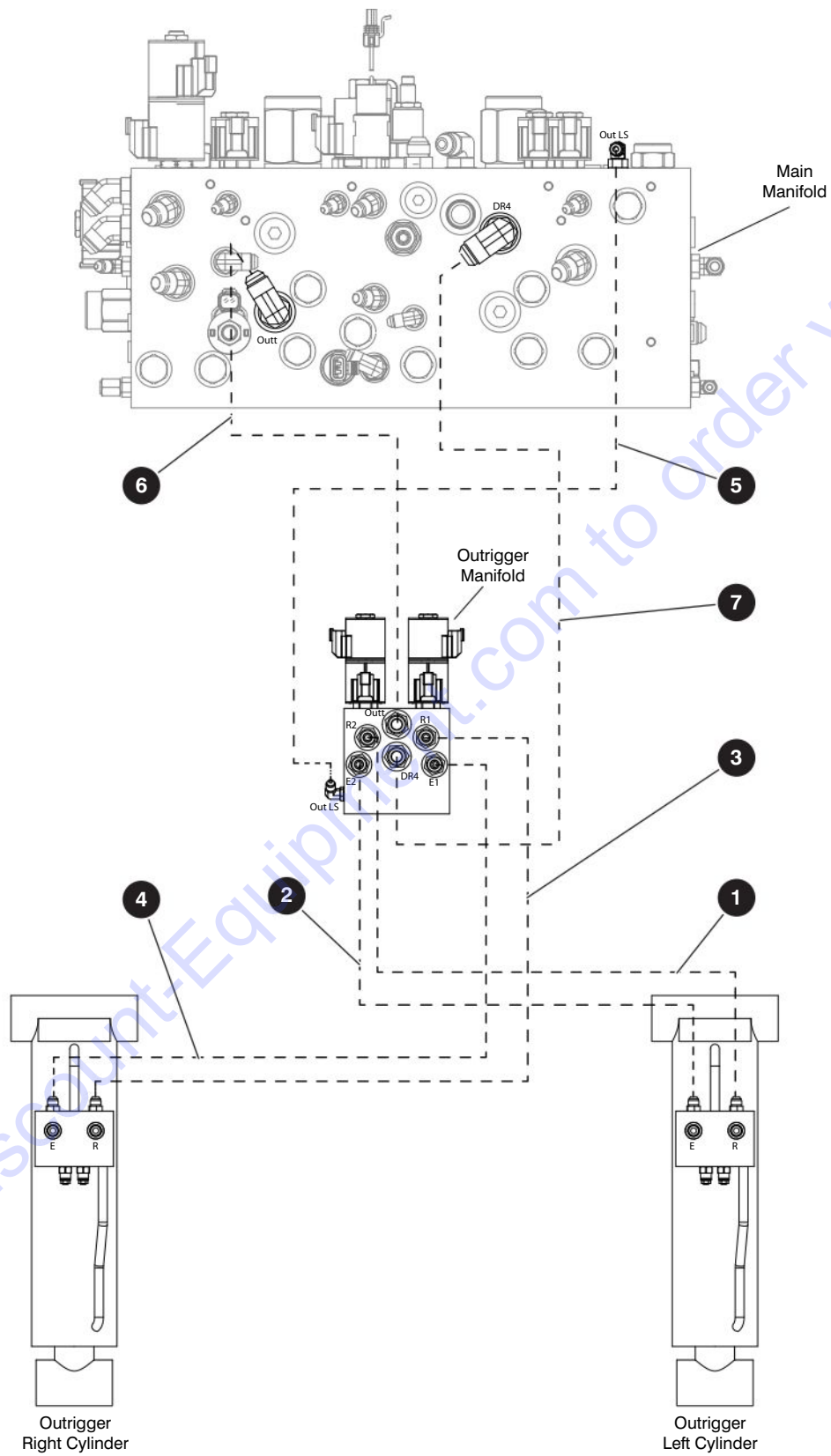
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8.16 Auxiliary Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H620801770	Chassis Bulkhead		A	Under boom
2	H620801770	Chassis Bulkhead		B	Under boom
3	H620800360	Auxiliary Manifold	A		Chassis bulkhead
4	H620800360	Auxiliary Manifold	B		Chassis bulkhead
5	H610800310	Main manifold	Aux EF1	Aux EF1	Auxiliary Manifold
6	H640400500	Main manifold	Aux LS	Aux LS	Auxiliary Manifold
7	H360800440	Main manifold	Aux T	Aux T	Auxiliary Manifold
8	H610801980	Top		A	Carriage retract
9	H610801980	Bottom		B	Carriage extend
10	H610801870	Over hose sheave	A		Left side
11	H610801870	Over hose sheave	B		Right side
12	9-205608		A		Top
13	9-205608		B		Bottom

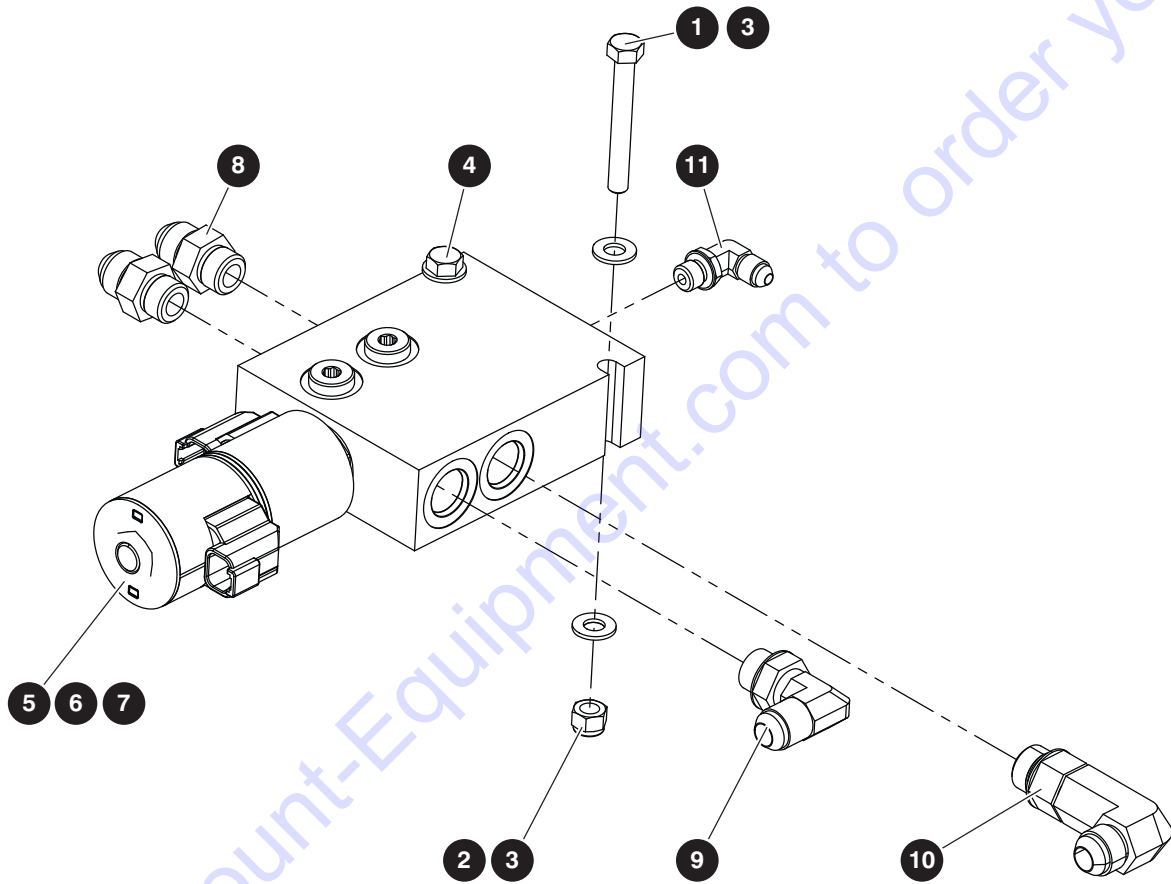
8.17 Outriggers Hydraulic Hoses



8.17 Outriggers Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
1	H340800690	Outrigger manifold	R2	R	LH Outrigger cylinder
2	H340800690	Outrigger manifold	E2	E	LH Outrigger cylinder
3	H340800690	Outrigger manifold	R1	R	RH Outrigger cylinder
4	H340800690	Outrigger manifold	E1	E	RH Outrigger cylinder
5	H310401460	Main manifold	Outt LS	Outt LS	Outrigger manifold
6	H321001310	Main manifold	Outt	Outt	Outrigger manifold
7	H321001350	Main manifold	DR4	DR4	Outrigger manifold

8.18 Auxiliary Manifold



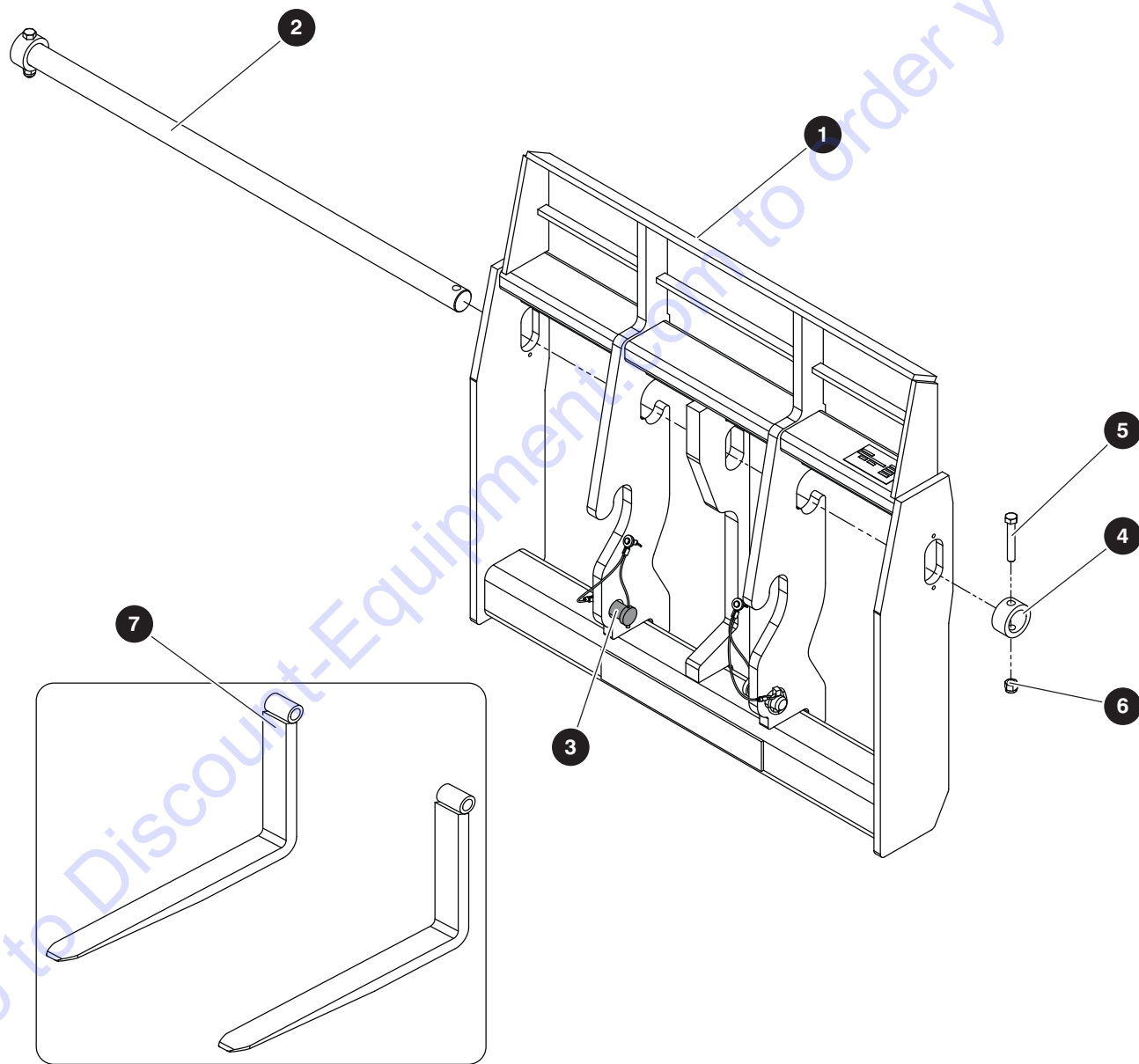
8.18 Auxiliary Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	9-205214	1	ASSEMBLY, AUXILIARY MANIFOLD
1	9-166829	2	• BOLT, Hex head 5/16"-18 X 2-3/4" Gr. 5
2	9-103984	2	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
3	9-103996	4	• WASHER, Flat 5/16" SAE
-	9-205202	1	• MANIFOLD, AUXILIARY SUB ASSEMBLY
4	9-169033	1	• • AUXILIARY MANIFOLD
5	9-191797	1	• • • VALVE Solenoid 5 way, 3 position
6	9-168057	2	• • • COIL, #10
7	9-191801	1	• • • VALVE, Check disc
8	9-102659	2	• • FITTING, 8 SAE TO -8 JIC
9	9-114583	1	• • FITTING, 90° (08 JICM - 08ORBM)
10	9-702798	1	• • FITTING, 90° (08ORBM- 08JICM)
11	9-125883	1	• • FITTING, 90° (04JICM-04ORBM)

Section 9 – Standard and Optional Attachments

- 9.1 *Quick-Attach Carrier / Carriage & Forks*
- 9.2 *Side-Tilt Carriage*
- 9.3 *48", 60" & 72" Side Tilt Carriage - Internal Breakdown*
- 9.4 *72" Swing Carriage Installation*
- 9.5 *48", 60" & 72" Side Tilt Carriage - Internal Breakdown*
- 9.6 *Forks Positioner Carriage*
- 9.7 *Personnel Work Platform*
- 9.8 *Truss Boom 12' and 15'*
- 9.9 *Loader Bucket*
- 9.10 *2' Jib Boom*

9.1 Quick-Attach Carrier / Carriage & Forks



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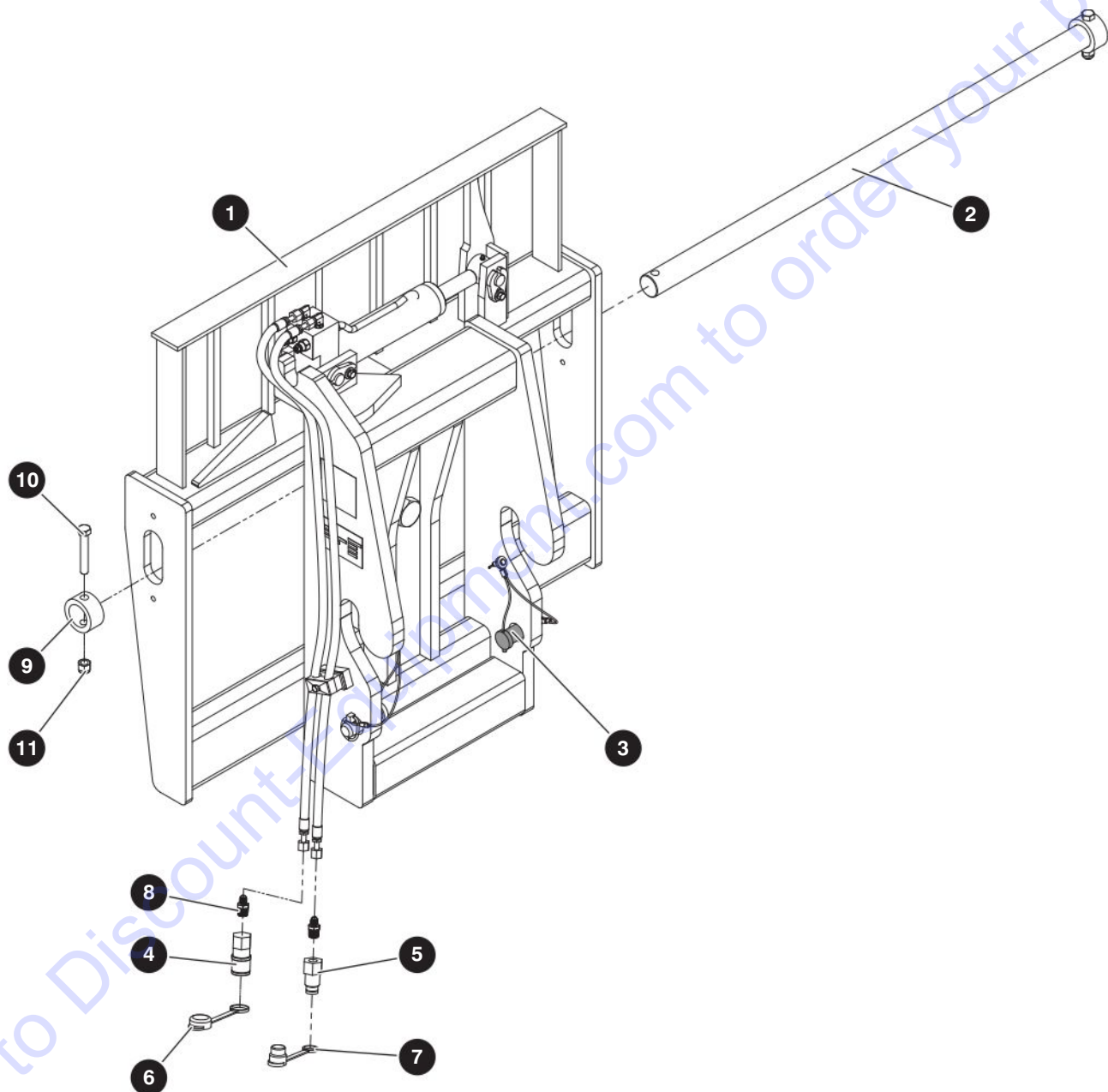
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SKYJACK

9.1 Quick-Attach Carrier / Carriage & Forks

Index No.	Skyjack Part No.	Qty.	Description
A	9-205163	1	48" QA COMMON CARRIAGE 12K
B	9-205164	1	60" QA COMMON CARRIAGE 12K
C	9-205165	1	72" QA COMMON CARRIAGE 12K
1	9-205206	1	48" QA CARRIAGE WELD 12K - A
	9-205208	1	60" QA CARRIAGE WELD 12K - B
	9-205193	1	72" QA CARRIAGE WELD 12K - C
2	9-198948	1	BAR, Forks 48" - A
	9-199023	1	BAR, Forks 60" - B
	9-199026	1	BAR, Forks 72" - C
3	9-923565	2	PIN, Quick Attach 63mm teather
4	9-198937	2	COLLAR, 2" Fork bar
5	9-192219	2	BOLT, Hex head 5/8"-11 x 4" Gr. 8
6	9-111577	2	NUT, Lock with nylon insert 5/8"-11 Gr. 5
7	-	1	ASSEMBLY, Forks
	9-929702	1	• FORKS, Standard taper 2.25 X 5 X 48
	9-929703	1	• FORKS, Standard taper 2.25 X 5 X 60
	9-929700	1	• FORKS, Fully tapered 1.75 X 7 X 48
	9-929701	1	• FORKS, Fully tapered 1.75 X 7 X 60
	9-921329	1	• FORKS, Standard taper 2.25 X 5 X 72
	9-207704	1	• BLOCK FORKS, 2 X 1.50 X 46
	9-922006	6	• • FORKS, 2 X 1.50 X 46
	9-220588		• FORK, 2.36 X 3.94 X 48 Standard Taper (Not for Fork Positioner Carriage)
	9-220587		• FORK, 2.36 X 3.94 X 48 Standard Taper (For Fork Positioner Carriage)
	9-220588		• • FORK, 2.36 X 3.94 X 48 Standard Taper (For Fork Positioner Carriage)
	9-220589		• • PLATE, Fork positioner carriage spacer

9.2 Side-Tilt Carriage



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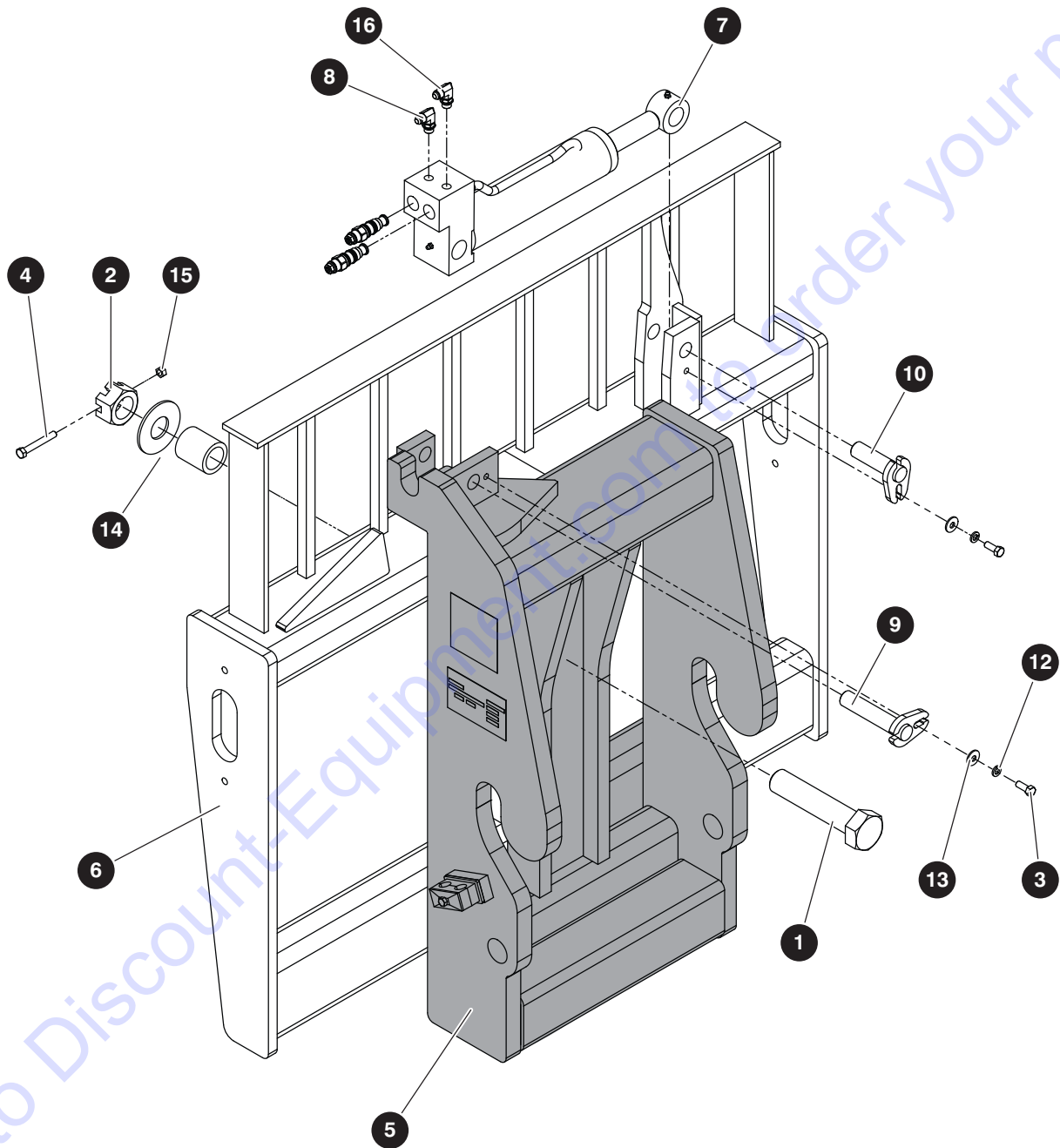
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9.2 Side-Tilt Carriage

Index No.	Skyjack Part No.	Qty.	Description
A	9-205166	1	48" SIDE TILT CARRIAGE SUBGROUP 12K
B	9-205167	2	60" SIDE TILT CARRIAGE SUBGROUP 12K
C	9-205168	3	72" SIDE TILT CARRIAGE SUBGROUP 12K
1	9-205211	1	48" S/T QA CARRIAGE 12K - A (For components, refer to Section 9.3)
	9-205213	1	60" S/T QA CARRIAGE 12K - B (For components, refer to Section 9.3)
	9-205209	1	72" S/T QA CARRIAGE 12K - C (For components, refer to Section 9.3)
2	9-198948	1	BAR, Forks 48"
	9-199023	1	BAR, Forks 60"
	9-199418	1	BAR, Forks 72"
3	9-923563	1	PIN, Quick Attack 70mm teather
4	9-206134	1	COUPLING, Quick disconnect - female 1/2"
5	9-206135	1	COUPLING, Quick disconnect - male 1/2"
6	9-926079	1	DUST CAP, Quick connect coupler
7	9-926080	1	DUST CAP, Quick connect ni
8	9-103070	2	FITTING, Straight (08 SAE - 06 JIC)
9	9-198937	2	COLLAR, 2" Fork bar
10	9-192219	2	BOLT, Hex Head 5/8"-11 x 4" Gr. 8
11	9-111577	2	NUT, Lock with nylon insert 5/8"-11 Gr. 5

9.3 48", 60" & 72" Side Tilt Carriage - Internal Breakdown



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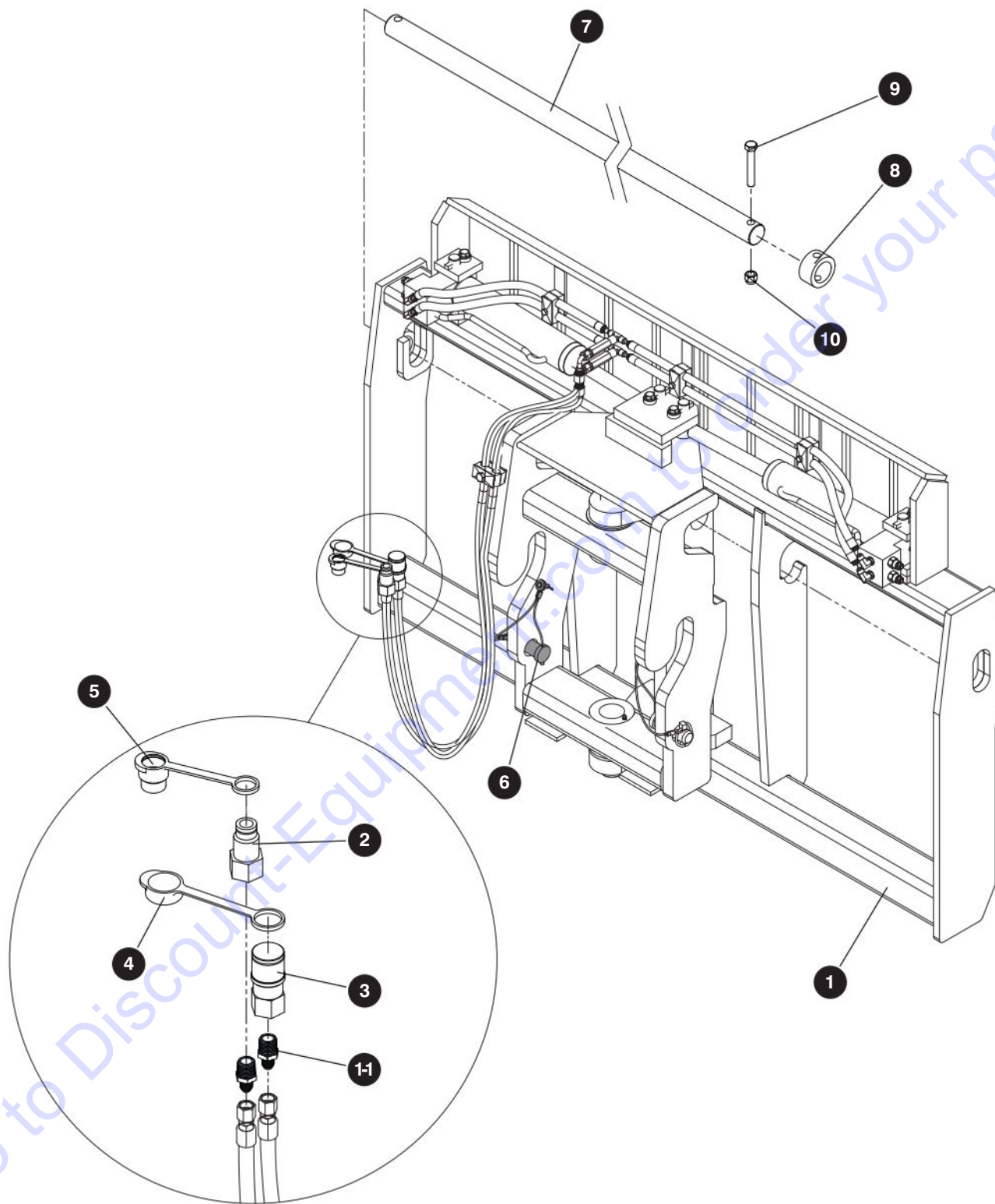
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9.3 48", 60" & 72" Side Tilt Carriage - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Description
1	9-929483	1	CAPSCREW, Hex, 1-1/2" NF x 7",Gr. 8
2	9-929485	1	NUT, Hex castle,1-1/2" UNF
3	9-929496	2	SCREW, 3/8"-16 UNC x 1" Gr. 5
4	9-929486	1	SCREW, 3/8"-16 UNC x 2-3/4"
5	9-213514	1	WELDMENT, Rear frame 12k
6	9-213515	1	WELDMENT, Front, frame tilt 48" 12k
	9-213516	1	WELDMENT, Front, frame tilt 60" 12k
	9-213517	1	WELDMENT, Front, frame tilt 72" 12k
7	9-926325	1	CYLINDER, 2-1/2" x 1-1/4" x 8" 4K
8	9-929502	1	FITTING, Elbow 90° (06MB - 06MJ) orifice
9	9-929493	1	PIN, 1" x 4-23/32"
10	9-929492	1	PIN, 1" x 3-5/16"
11	9-922637	1	TUBE, Spacer, Round 2-1/4" x 1-17/32" x 3-5/16"
12	9-929494	2	WASHER, Lock 3/8"
13	9-929495	2	WASHER, 3/8" Flat
14	9-929484	1	WASHER, Flat 1-1/2"
15	9-922641	1	NUT, Lock 3/8"-16 UNC torque
16	9-929497	1	FITTING, Elbow, (06MBO - 06MJ)

9.4 72" Swing Carriage Installation



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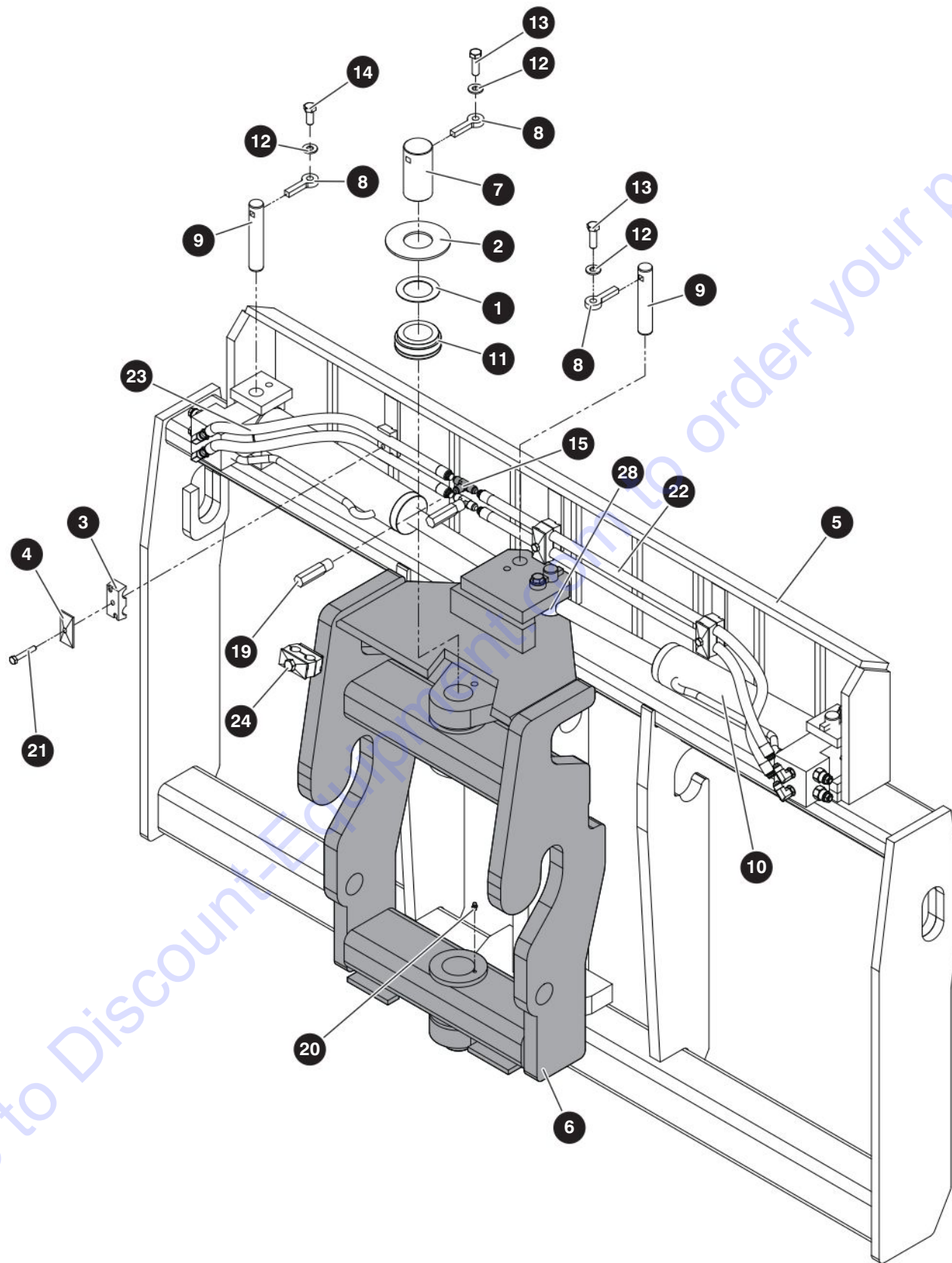
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9.4 72" Swing Carriage Installation

Index No.	Skyjack Part No.	Qty.	Description
-	9-205215	1	72" SWING CARRIAGE SUBGROUP 12K
1	9-205195	1	<ul style="list-style-type: none"> • 72" SWING CARRIAGE 12K (For components, refer to Section 9.5)
2	9-206135	1	<ul style="list-style-type: none"> • COUPLING, Quick disconnect - male 1/2"
3	9-206134	1	<ul style="list-style-type: none"> • COUPLING, Quick disconnect - female 1/2"
4	9-926079	1	<ul style="list-style-type: none"> • DUST CAP, Quick connect coupler
5	9-926080	1	<ul style="list-style-type: none"> • DUST CAP, Quick connect ni
6	9-923563	1	<ul style="list-style-type: none"> • PIN, Quick Attach 70mm teather assy
7	9-199026	1	<ul style="list-style-type: none"> • BAR, Forks 72"
8	9-198937	2	<ul style="list-style-type: none"> • COLLAR, 2" Fork bar
9	9-192219	2	<ul style="list-style-type: none"> • BOLT, Hex Head 5/8"-11 x 4" Gr. 8
10	9-111577	2	<ul style="list-style-type: none"> • NUT, Lock with nylon insert 5/8"-11 Gr. 5
11	9-933277	2	<ul style="list-style-type: none"> • FITTING, Straight (06 JICM - 08 SAE)

9.5 72" Swing Carriage Components



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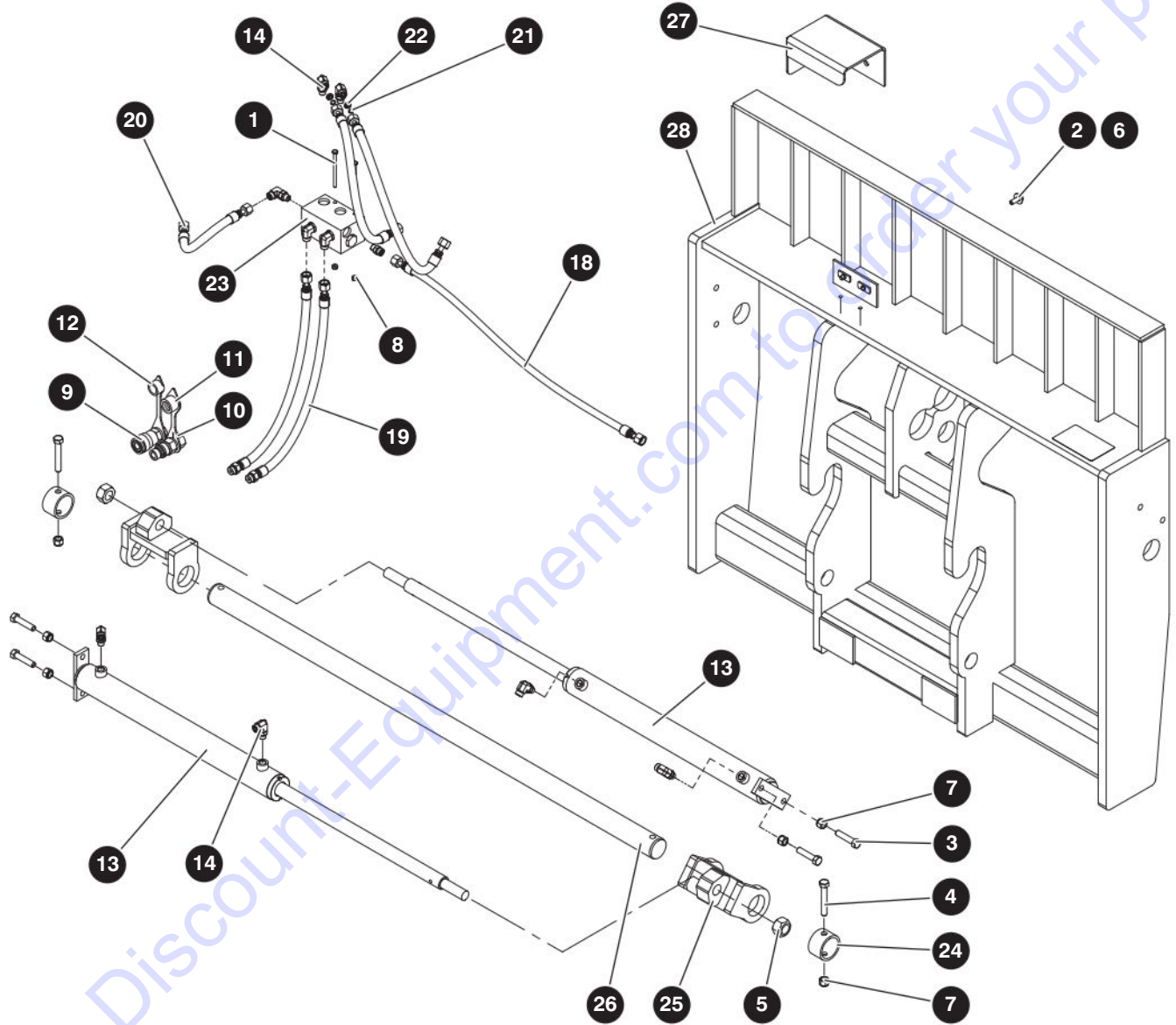
SJ1256 THS

SKYJACK

9.5 72" Swing Carriage Components

Index No.	Skyjack Part No.	Qty.	Description
-	9-205195	1	CARRIAGE,72" SWING
1	9-931627	1	WASHER, 3" x 2-9/32" x 1/16"
2	9-933516	1	WASHER, Flat 2-1/8" x 4.49 x .15, USS
3	9-933048	4	CLAMP, Twin pair 3/4" ID
4	9-932668	4	PLATE, Clamp, top 3/8"-1/2" ID hose
5	9-213507	1	CARRIAGE, 72",swing,12k
6	9-213508	1	REAR FRAME, Swing 12k
7	9-930515	2	PIN, 2" x 2-15/16"(4)
8	9-213509	6	PLATE, 3/8" x 1-1/8" x 2-13/16"
9	9-930516	4	PIN, 1" x 4-13/16"(5.44)
10	9-213510	2	CYLINDER, 2-1/2" x 1-1/4" x 8" 4K
11	9-923668	2	BEARING, Angular, 2" x 3-3/16"
12	9-933817	6	WASHER, Flat M12
13	9-933770	5	SCREW, Hex head M12 x 40
14	9-933659	2	SCREW, Hex head M12 x 30
15	9-131704	2	TEE, Running (06MJ - 06MJ - 06MJ)
16	9-114578	4	FITTING, Elbow (06MBO - 06MJ)
17	9-213512	2	HOSE, 3/8" x 98 (06FJ - 06MJ) 100R2AT (Not Shown)
18	9-172659	1	SERIAL PLATE,SKYJACK (Not Shown)
19	9-920339	2	VALVE, Flow control
20	9-933283	2	ZERK,Grease , 1/4" - 28NF
21	9-933647	3	SCREW, Hex head M8 x 50mm CL
22	H670600380	2	HOSE, 3/8" x 38 (06FJ - 06FJ) 100R2AT
23	H670600230	2	HOSE, 3/8" x 23 (06FJ - 06FJ) 100R2AT
24	9-103885	1	BOLT, Hex head 5/16"-18 x 1-3/4"
25	229090	2	WASHER, Spacer, 2" x 1 x 1/2"

9.6 Forks Positioner Carriage



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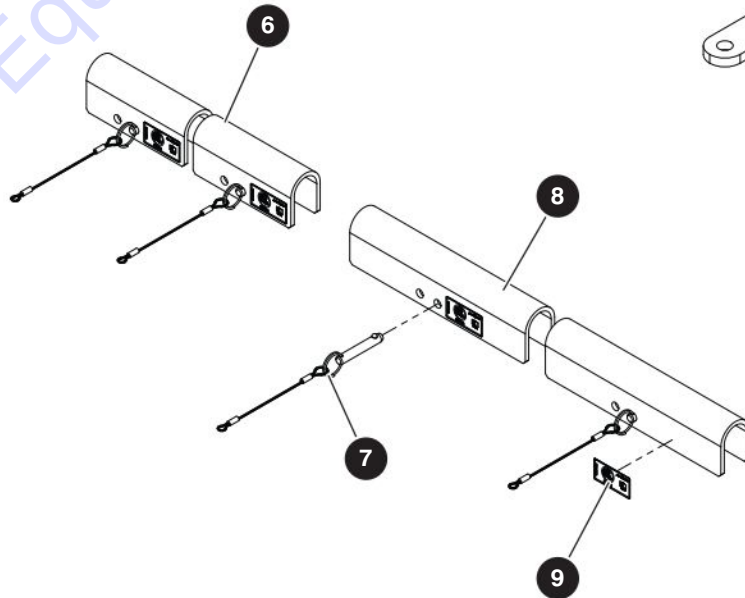
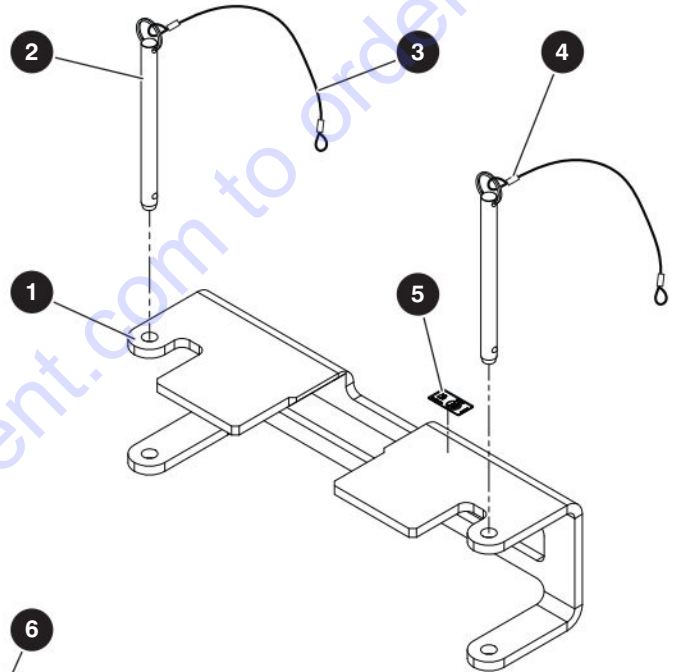
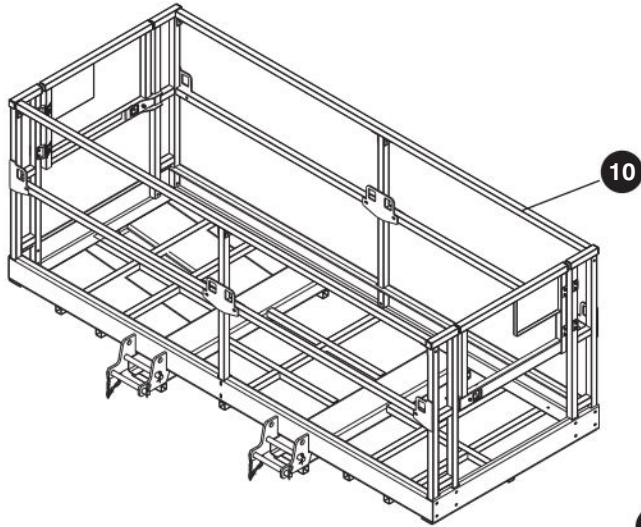
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SKYJACK

9.6 Forks Positioner Carriage

Index No.	Skyjack Part No.	Qty.	Description
-	9-206173		FORK POSITIONER CARRIAGE
1	9-137616	2	BOLT, Hex head 1/4"-20 UNC x 3-3/4"
2	9-103473	2	BOLT, Hex head 3/8"-16 UNC x 1" GR5
3	9-103902	4	BOLT, Hex head 1/2"-13 x 2-1/4"
4	9-103469	2	CAPSCREW, Hex 1/2" x 3-1/4" GR5
5	9-216710	2	NUT, 1"-14 UNS deformed hex
6	9-929495	2	WASHER, Flat, 3/8"
7	9-702507	6	NUT, Lock with nylon insert, 1/2-13 UNC
8	9-115649	2	NUT, Lock with nylon insert, 1/4"-20 UNC
9	9-206134	1	COUPLING, Quick disconnect - female 1/2"
10	9-206135	1	COUPLING, Quick disconnect - male 1/2"
11	9-926080	1	DUST CAP, Quick connect
12	9-926079	1	DUST CAP, Quick connect coupler
13	9-216717	2	CYLINDER, 2.00 x 1.25 x 18.25
14	9-216718	9	ELBOW, 6MFS-6MBO
15	9-216719	1	CONNECTOR, STR, 6MBO-6MFS
16	9-216720	1	HOSE, .38 x 24 6FFS-6FFS 100R2AT
17	9-216721	1	HOSE, .38 x 21 6FFS-6FFS 100R17
18	9-216722	1	HOSE, .38 x 37 6FFS-6FFS 100R2AT HS
19	9-216723	2	HOSE, .38 x 66 6FFS-8MB 100R2AT HS
20	9-216724	1	HOSE, .38 x 16 6FFS-6FFS 4K
21	9-216725	2	O-RING, 2-012
22	9-216726	2	ORIFICE .039 DIA
23	9-216727	1	VALVE FLOW DIVIDER W/PO CHECK
24	9-198937	2	COLLAR, 2.00" ROD
25	9-216728	2	ADAPTER, FORK, 2" SHAFT
26	9-216729	1	PIN, FORK, 2.00 x 56.25 DRILLED
27	9-216730	1	PLATE, BENT, .19 x 10.95 x 12.23
28	9-216731	1	FRAME, 53" FORK POSITIONER

9.7 Personnel Work Platform



M217961-PL

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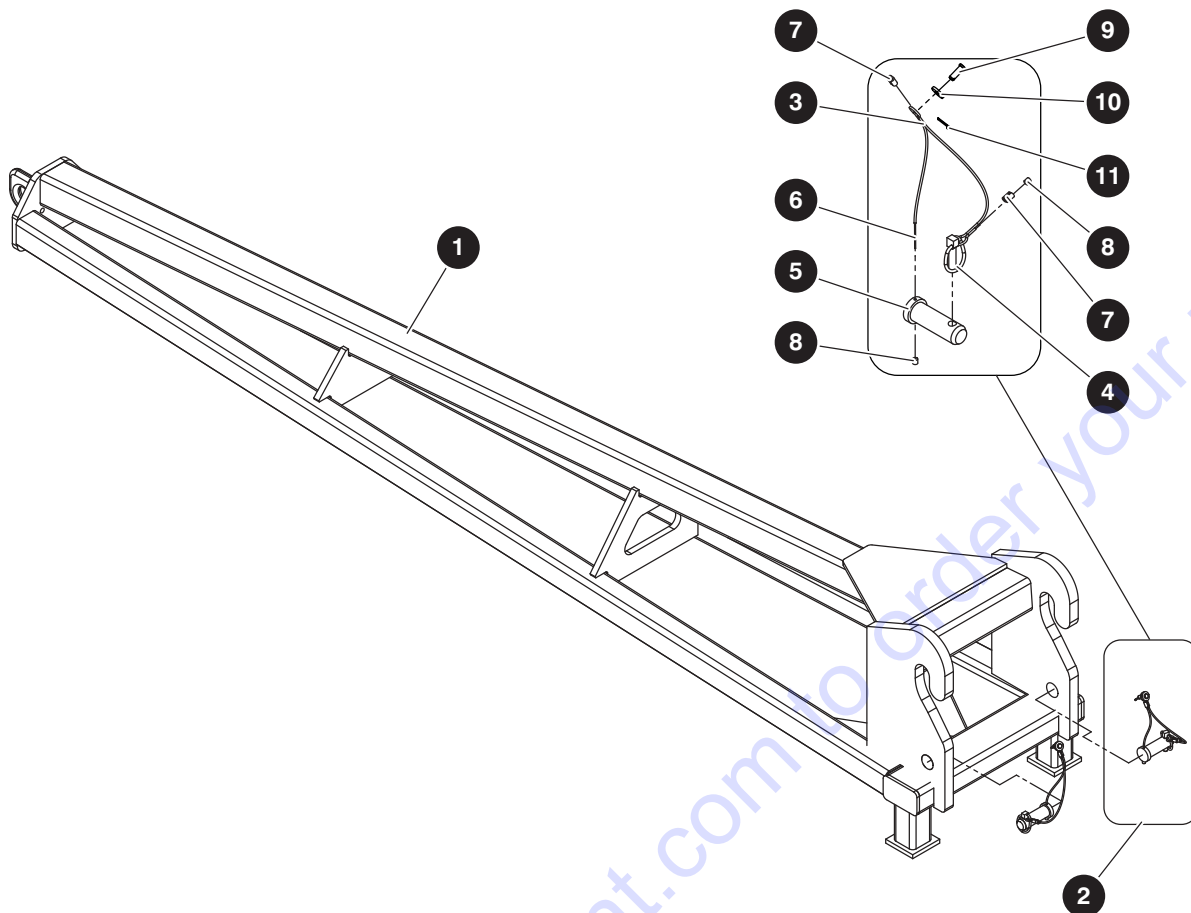
SJ1256 THS

SKYJACK

9.7 Personnel Work Platform

Index No.	Skyjack Part No.	Qty.	Description
-	9-217910	1	LOCK ASSEMBLY, SIDE TILT CARRIAGE
1	9-217914	1	• LOCK, Side tilt carriage
2	9-217918	2	• PIN, Quick release - 3/4" OD x 8" LG
3	9-923555	2	• TETHER, 22.5" Vinyl coated
4	9-923558	4	• SLEEVE, Compression, 1/8" oval
5	9-172963	1	• LABEL, Tilt, "Refer to manual 217961"
-	9-217912	1	LOCK ASSEMBLY, SWING CARRIAGE
6	9-217902	2	• LOCK, Swing carriage, 6k to 10k models
7	9-124547	4	• PIN, Quick rel small loop
8	9-217919	2	• LOCK, Swing carriage, 12k models
9	9-172964	4	• LABEL, Swing, "Refer to manual 217961"

9.8 Truss Boom 12' and 15'



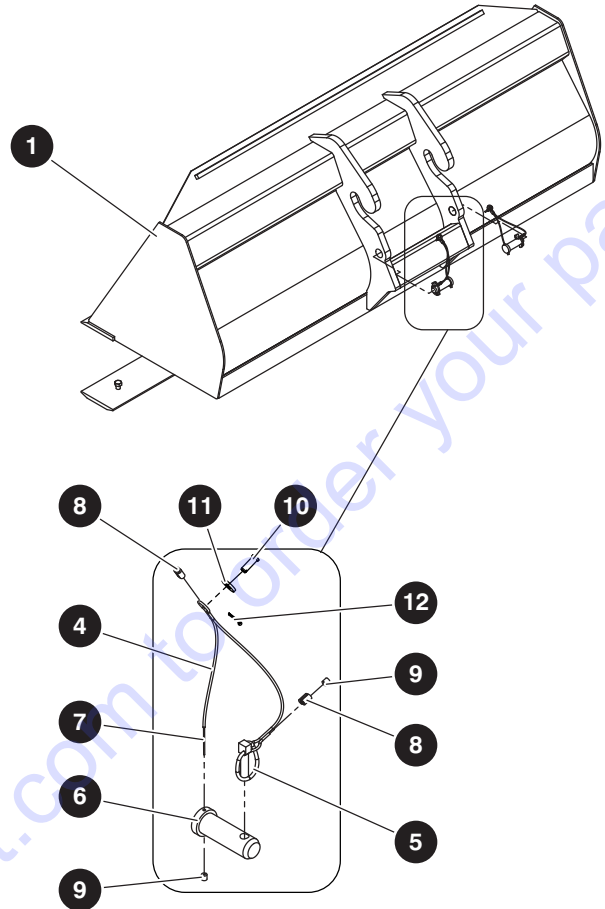
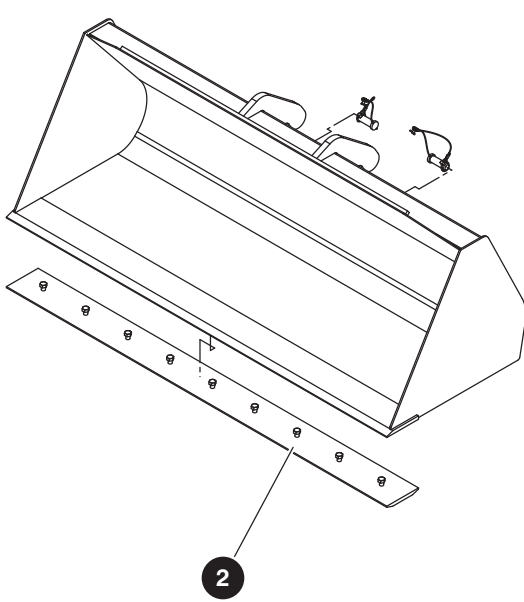
M927448AB

Index No.	Skyjack Part No.	Qty.	Description
A	9-927448	1	BOOM GROUP, 12 FOOT TRUSS
B	9-920337	1	BOOM GROUP, 15 FOOT TRUSS
1	9-928825	1	• BOOM, 12 foot Truss - A
	9-920269	1	• BOOM, 15 foot Truss - B
2	9-923563	1	• ASSEMBLY, Teather pin 70 mm Quick Attach
3	9-923560	2	• • ASSEMBLY, Teather pin 70 mm
4	9-923135	1	• • • PIN, Lynch 7/16" X 1-3/4" long
5	9-923169	1	• • • PIN, Quick attach
6	9-923555	1	• • • TEATHER, Vinyl coated 22.5"
7	9-923558	2	• • • CLAMP, 1/8" oval compression sleeve
8	9-923559	2	• • • CLAMP, Stop compression sleeve
9	9-932646	2	• • PIN, Clevis
10	9-933735	2	• • WASHER, M10
11	9-933615	2	• • PIN, Cotter

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9.9 Loader Bucket



M927450AC

Index No.	Skyjack Part No.	Qty.	Description
-	9-927450	1	BUCKET, 1.75 Cubic yard
1	9-927451	1	• BUCKET, 1.75 Cubic yard
2	9-160484	1	• PLATE, Cutting edge 96" bolt on
3	9-923563	1	• ASSEMBLY, Teather pin 70 mm Quick Attach
4	9-923560	2	• • ASSEMBLY, Teather pin 70 mm
5	9-923135	1	• • • PIN, Lynch 7/16" X 1-3/4" long
6	9-923169	1	• • • PIN, Quick attach
7	9-923555	1	• • • TEATHER, Vinyl coated 22.5"
8	9-923558	2	• • • CLAMP, 1/8" oval compression sleeve
9	9-923559	2	• • • CLAMP, Stop compression sleeve
10	9-932646	2	• • PIN, Clevis
11	9-933735	2	• • WASHER, M10
12	9-933615	2	• • PIN, Cotter

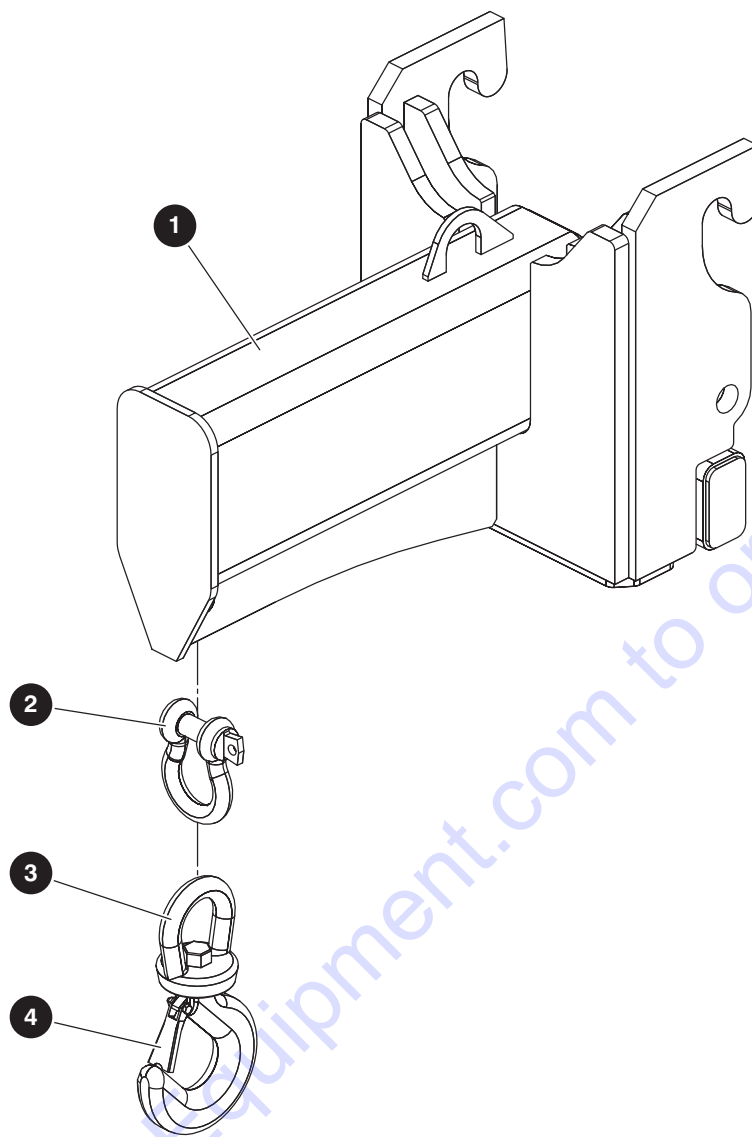
SJ1256 THS

SKYJACK

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9.10 2' Jib Boom



M61103AA

Index No.	Skyjack Part No.	Qty.	Description
-	9-156748	-	ASSEMBLY, 2' Jib Boom (10,000 lb. Capacity)
1	9-156738	1	• WELDMENT, 2' Jib Boom
2	9-402653	1	• SHACKLE, 1.00" Nominal
3	9-402654	1	• HOOK, Swivel
4	9-414327	1	• LATCH KIT, Safety Swivel Hook

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SJ1256 THS

SKYJACK

PARTS FINDER

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Section 10 – Factory Options

10.1 *Boom Lights*

10.2 *Boom Lights Harness*

10.3 *Work Lights*

10.4 *Work Lights Harness*

10.5 *Road Lights*

10.6 *Road Lights Harness*

10.7 *Oil Quick Drain*

10.8 *Air Intake Shut Off*

10.9 *Air Intake Shut Off Harness*

10.10 *Remote Axle Grease*

10.11 *Reserve Brake*

10.12 *Cold Weather Package*

10.13 *4 Wheel Fender*

10.14 *Beacon Light Assembly*

10.15 *Pintle Hook*

10.16 *Fire Extinguisher*

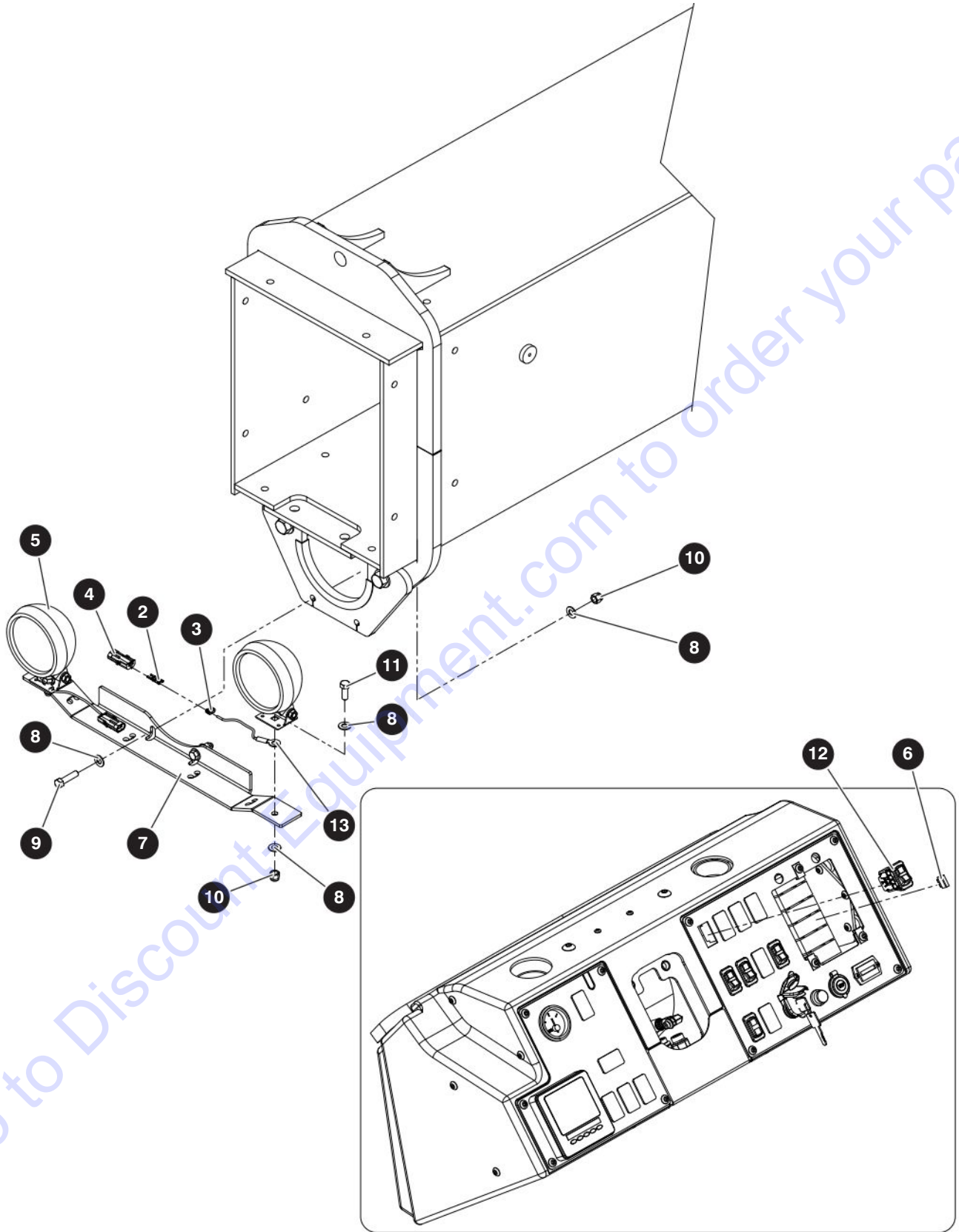
10.17 *Backup Camera and Sensor*

10.18 *Back up Sensor*

10.19 *Elevate Telematic*

10.20 *Elevate Telematics Harness*

10.1 Boom Lights



M197109AC

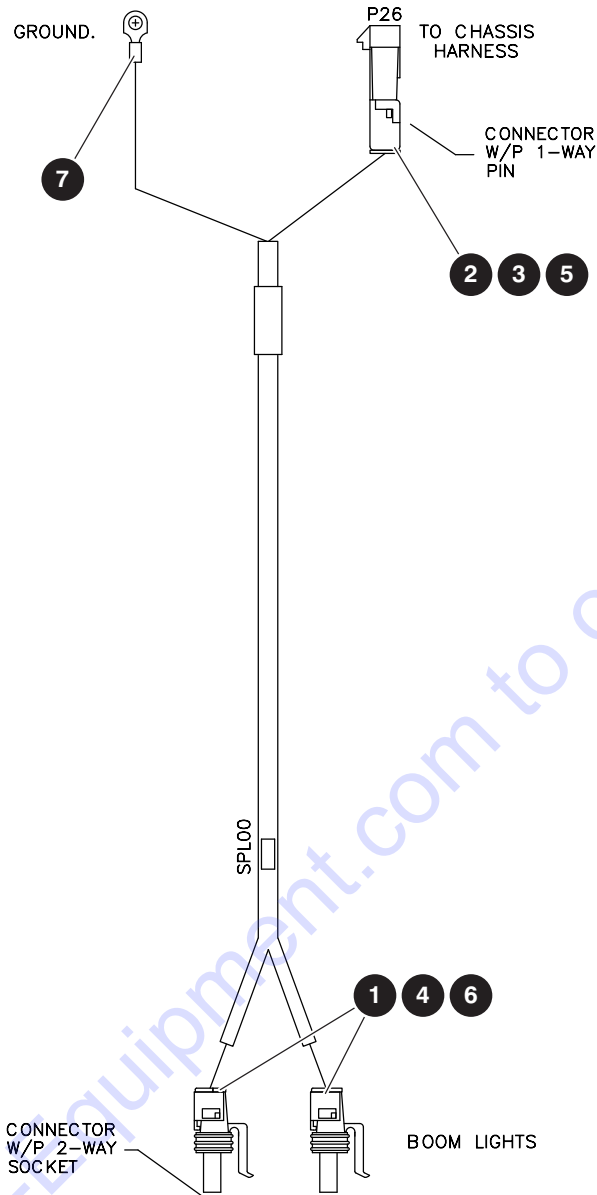
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SJ1256 THS

10.1 Boom Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-197109	1	ASSEMBLY, BOOM LIGHTS
1	(Ref.)	1	<ul style="list-style-type: none"> HARNES, Boom light (Not Shown) (For components, refer to Section 10.2)
2	9-932899	2	<ul style="list-style-type: none"> CONNECTOR
3	9-932898	4	<ul style="list-style-type: none"> SEAL, Cable (packard connection)
4	9-932897	4	<ul style="list-style-type: none"> PIN, Male (packard connector)
5	9-407592	2	<ul style="list-style-type: none"> HEAD LIGHT, Halogen
6	9-156203	1	<ul style="list-style-type: none"> FUSE, 10A
7	9-209359	1	<ul style="list-style-type: none"> BRACKET, Boom light
8	9-103472	9	<ul style="list-style-type: none"> WASHER, 13/32" ID X 13/16" OD X 1/16" zinc
9	9-103870	2	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 X 1-1/2" Gr. 5
10	9-104606	5	<ul style="list-style-type: none"> NUT, Lock with nylon insert 3/8"-16 Gr. 5
11	9-103473	2	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 X 1" Gr. 5
12	9-191455	1	<ul style="list-style-type: none"> SWITCH, Boomlight-haz-posi
13	9-152136	2	<ul style="list-style-type: none"> WIRE, Work light ground
14	9-197110	1	<ul style="list-style-type: none"> INSTRUCTIONS, Boom lights installation (Not Shown)

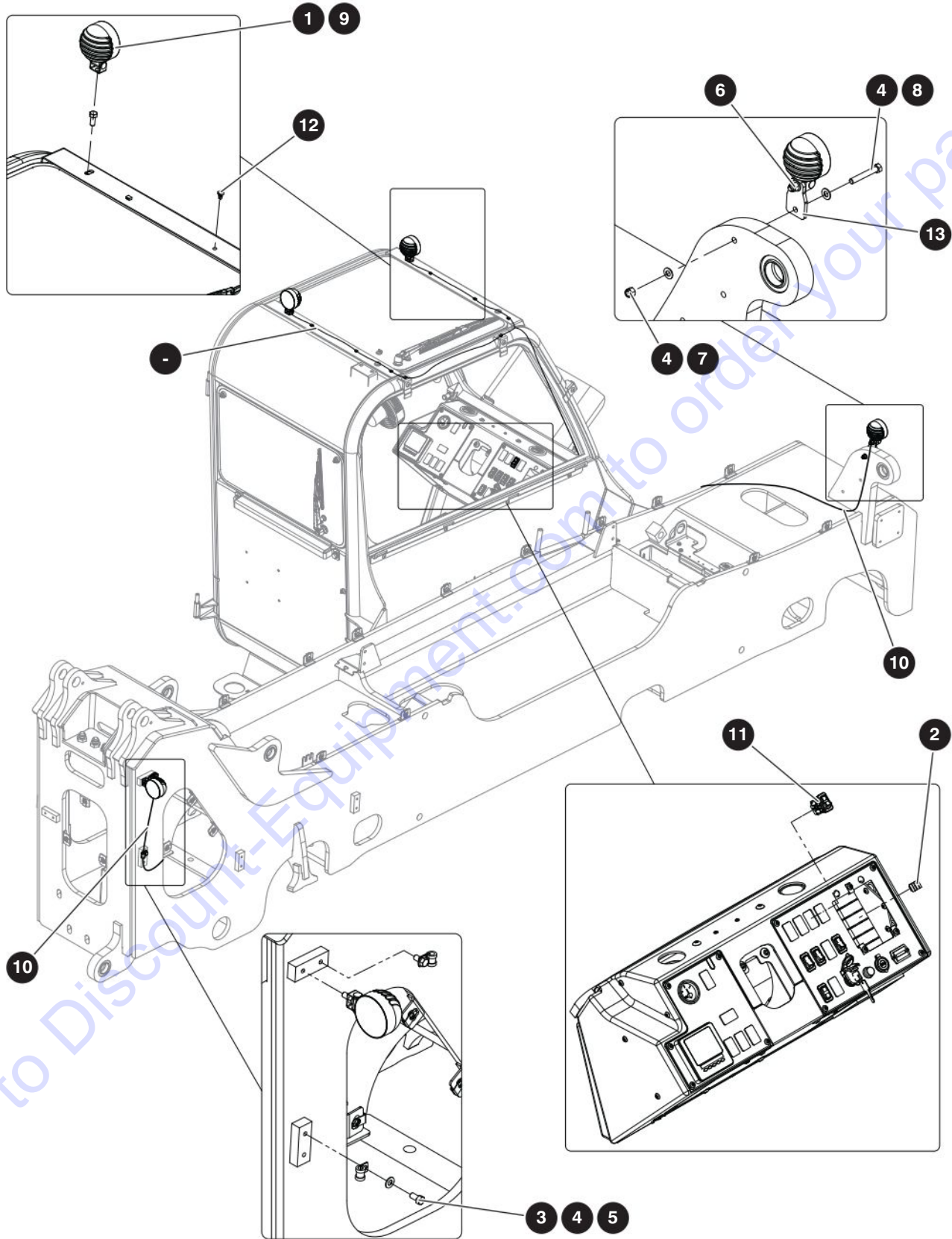
10.2 Boom Lights Harness



M190288AC

Index No.	Skyjack Part No.	Qty.	Description
-	9-190288	1	HARNESS, BOOM LIGHTS HARNESS
1	9-124036	2	CONNECTOR, 2F W/P
2	9-156106	1	CONNECTOR ,1M W/P
3	9-156116	2	TERMINAL, Male sealed (3.0-2.0 mm ²), W/P
4	9-156137	4	TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
5	9-156147	2	WIRE, Seal gray (3.5-2.8 mm), 280 M/P
6	9-124369	4	WIRE, Seal green (2.9-2.0 mm), 280 M/P
7	9-108172	1	TERMINAL, 3/8" Ring vinyl-ins yellow (12-10AWG)

10.3 Work Lights

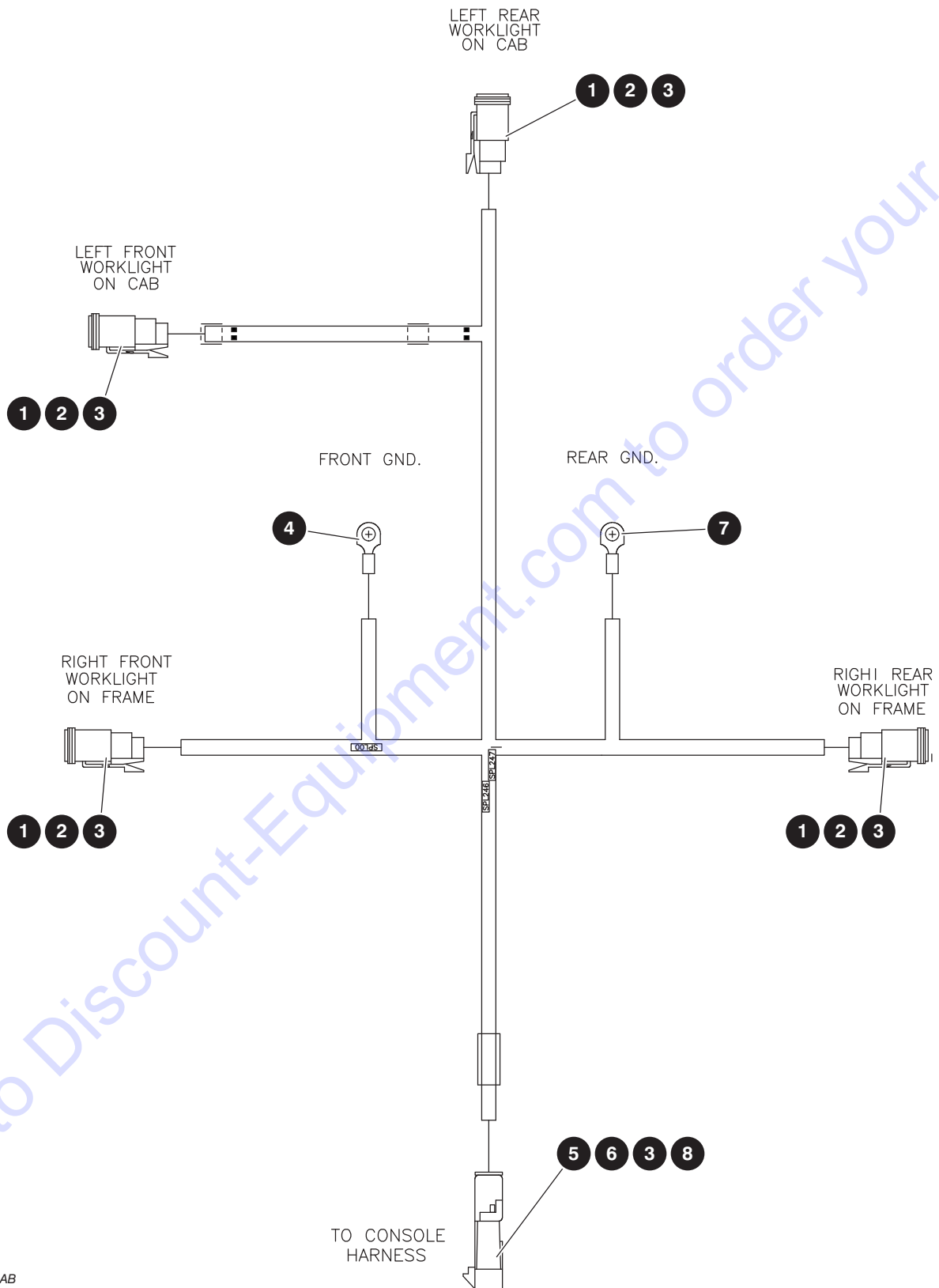


M191603AB-2

10.3 Work Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-197107	1	ASSEMBLY, WORK LIGHTS
1	9-171888	4	• LAMP, Work lamp
2	9-156203	1	• FUSE, 10A
3	9-931964	2	• CLAMP, Tube 3/8"
4	9-103472	6	• WASHER, Flat 3/8" SAE
5	9-101632	3	• BOLT, Hex head 3/8"-16 X 3/4" Gr. 5
6	9-103473	1	• BOLT, Hex head 3/8"-16 X 1" Gr. 5
7	9-104606	3	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
8	9-103873	1	• BOLT, Hex head 3/8"-16 X 2-1/2" Gr. 5
9	9-300437	2	• BOLT, Hex head 3/8"-16 X 7/8" Gr. 5
10	(Ref.)	1	• HARNESS, Work light (For components, refer to Section 10.4)
11	9-191457	1	• SWITCH, 4 wheel/crab-turn-work light
12	9-191865	8	• PUSH MOUNT 1/4"
13	9-190597	1	• PLATE, Light mount
14	9-197108	1	• INSTRUCTIONS, Work lights installation

10.4 Work Lights Harness

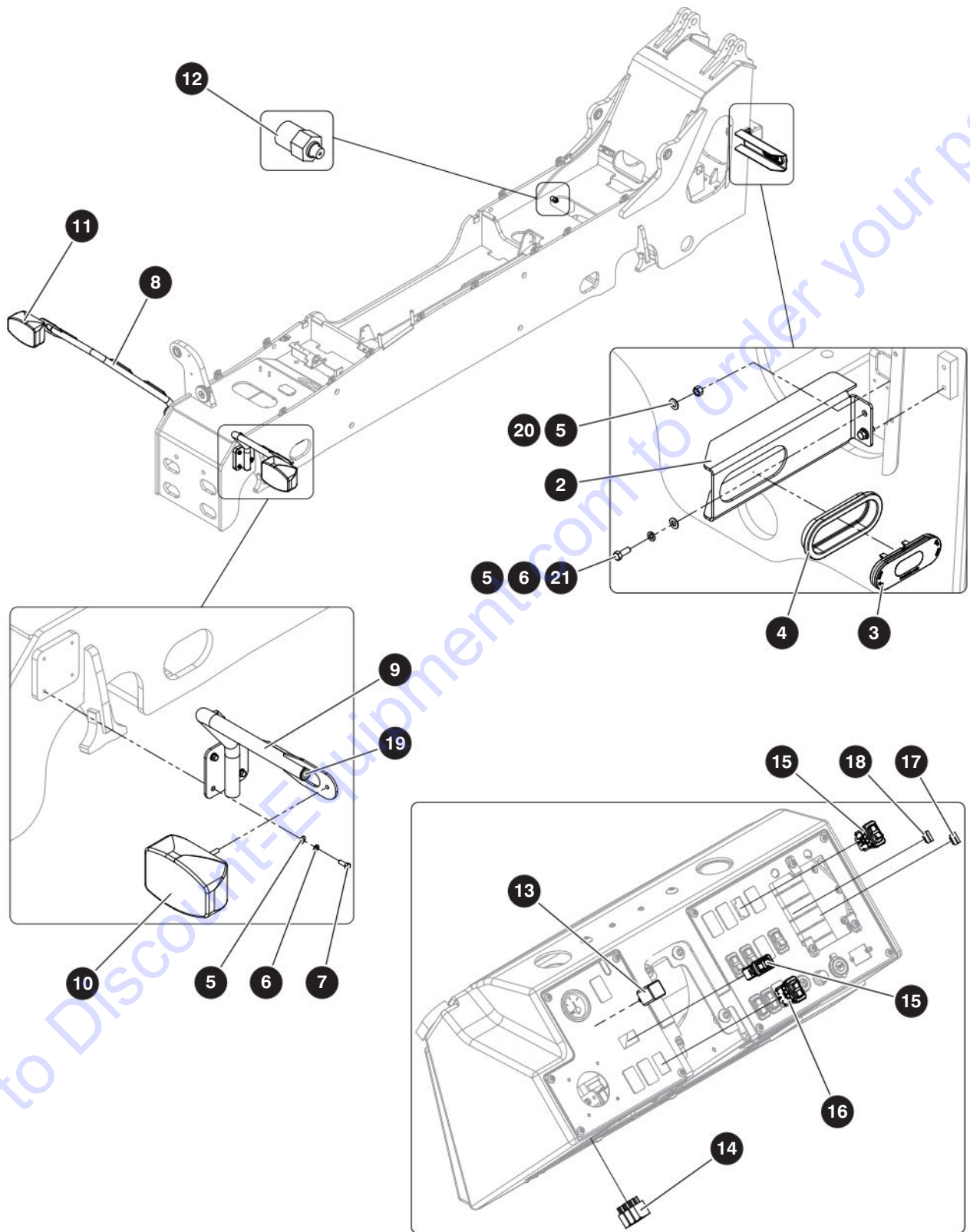


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10.4 Work Lights Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-190231	1	ASSEMBLY, WORK LIGHT HARNESS
1	9-117597	4	• CONNECTOR, Plug 2-pin
2	9-117599	8	• CONNECTOR, Plug 2-pin wedge
3	9-117591	10	• CONNECTOR, Contact socket (16/18 GA)
4	9-108172	1	• TERMINAL, 3/8" Ring (12-10 AWG)
5	9-156113	1	• CONNECTOR, 3M W/P
6	9-156139	2	• TERMINAL, Male sealed (2.0-1.0 mm ²), W/P
7	9-102941	1	• TERMINAL, 3/8" ring (14-16AWG)
8	9-156104	1	• PLUG CAVITY, 1W M/P 280 & W/P

10.5 Road Lights



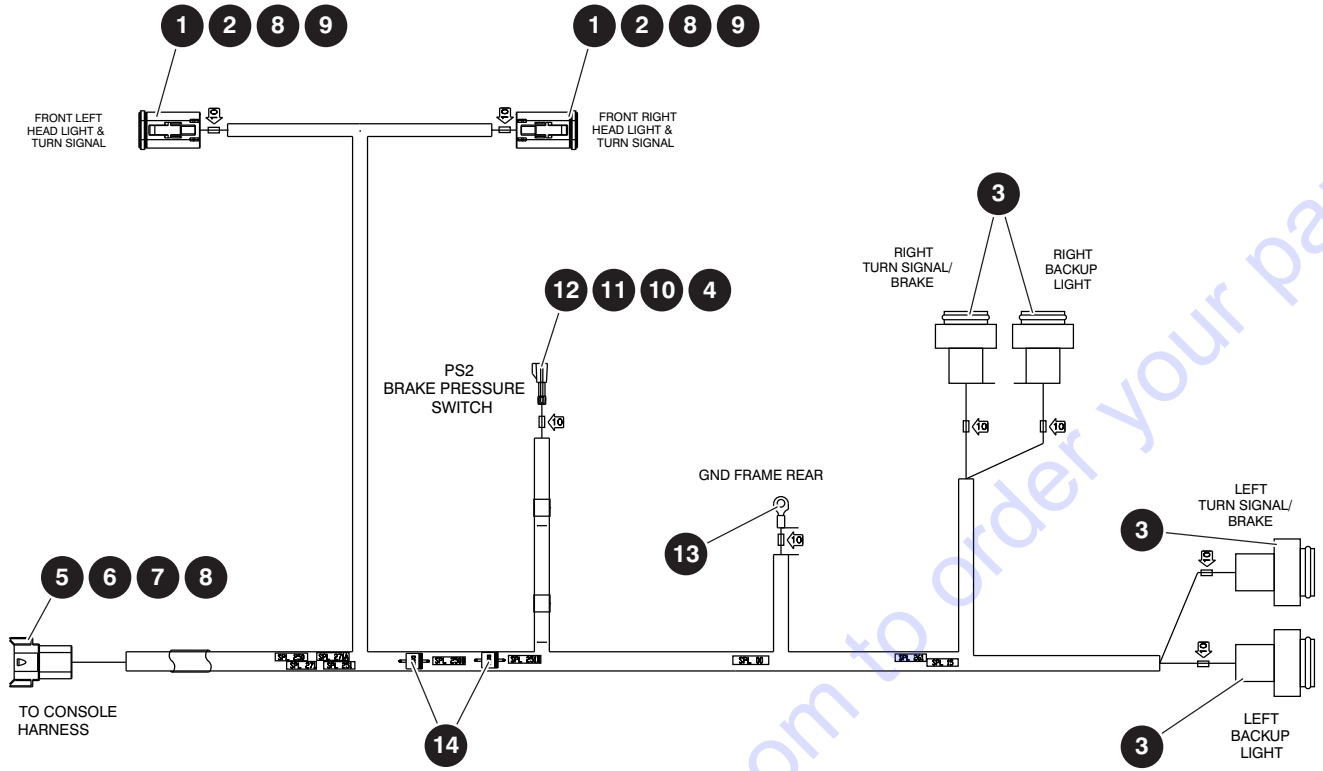
M190090AC

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10.5 Road Lights

Index No.	Skyjack Part No.	Qty.	Description
-	9-197105	1	ASSEMBLY, ROAD LIGHTS GROUP
1	(Ref.)	1	<ul style="list-style-type: none"> HARNES, Road light front & rear (Not Shown) (For components, refer to Section 10.6)
2	9-191488	2	<ul style="list-style-type: none"> BRACKET, Road light mount
3	9-190578	2	<ul style="list-style-type: none"> LIGHT, Stop / tail / turn / backup
4	9-191758	2	<ul style="list-style-type: none"> GROMMET, Oval lamp
5	9-103472	13	<ul style="list-style-type: none"> WASHER, Flat 3/8" SAE
6	9-103999	12	<ul style="list-style-type: none"> WASHER, Lock 3/8"
7	9-103473	8	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 x 1" grade 5
8	9-196304	1	<ul style="list-style-type: none"> WELDMENT, Roadlight RH
9	9-196213	1	<ul style="list-style-type: none"> WELDMENT, Roadlight LH
10	9-190596	1	<ul style="list-style-type: none"> LIGHTS, Road front LH
11	9-196380	1	<ul style="list-style-type: none"> LIGHTS, Road front RH
12	9-927724	1	<ul style="list-style-type: none"> SWITCH, Brake light
13	9-925386	1	<ul style="list-style-type: none"> FLASHER
14	9-233301	3	<ul style="list-style-type: none"> RELAY
15	9-191457	2	<ul style="list-style-type: none"> SWITCH, 4 Wheel/crab-turn-work light
16	9-191455	1	<ul style="list-style-type: none"> SWITCH, Boomlight-haz-posi
17	9-156202	1	<ul style="list-style-type: none"> FUSE, 5A
18	9-156204	1	<ul style="list-style-type: none"> FUSE, 15A
19	9-191903	4	<ul style="list-style-type: none"> PLUG, Plastic 1-1/4" tube ID
20	9-104606	1	<ul style="list-style-type: none"> NUT, Lock with nylon insert 3/8"-16 Grade 5
21	9-101632	4	<ul style="list-style-type: none"> BOLT, Hex head 3/8"-16 x 3/4" Grade 5
22	9-197106	1	<ul style="list-style-type: none"> INSTRUCTIONS, Road lights installation (not shown)

10.6 Road Lights Harness

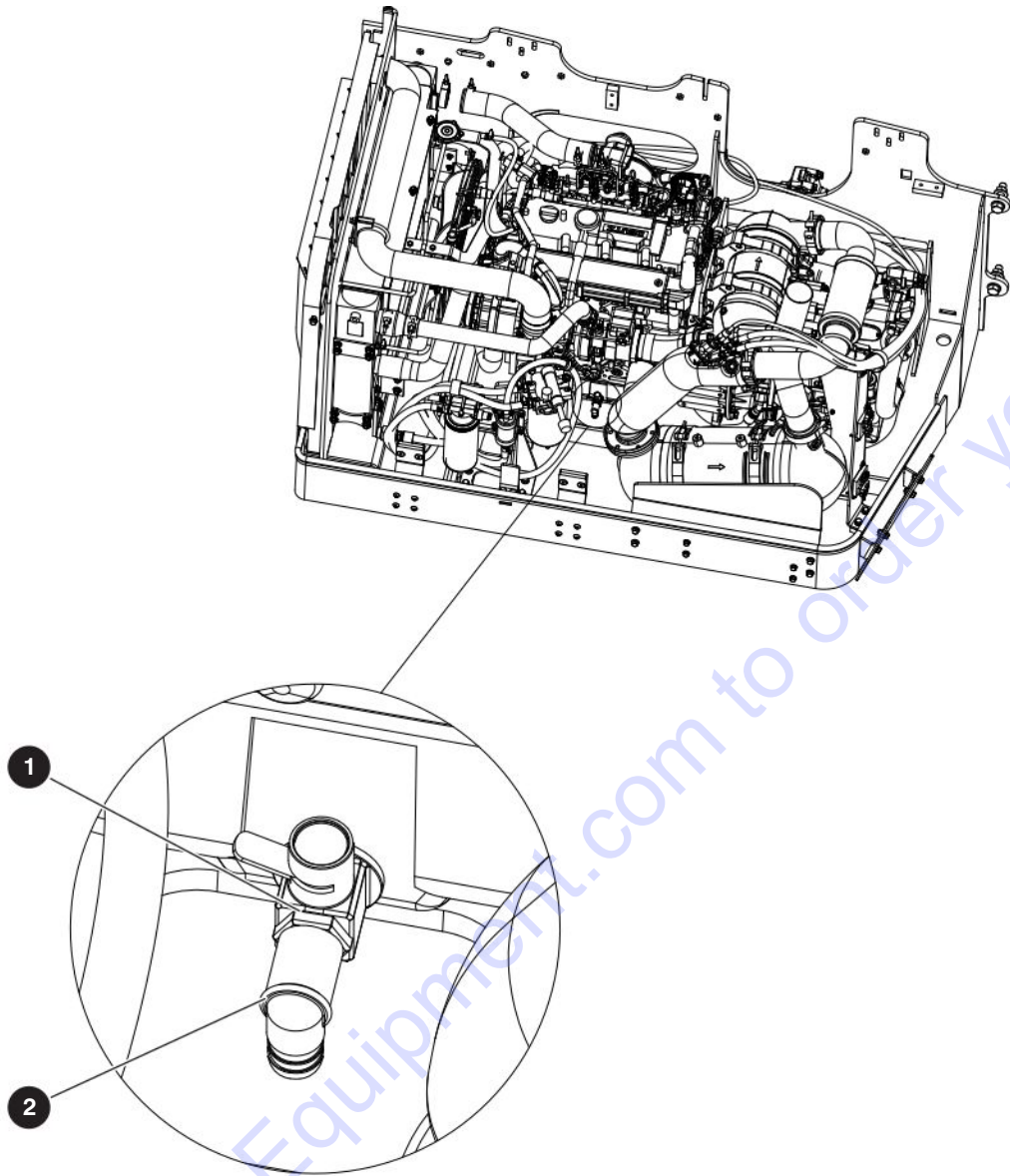


M190595AA

Index No.	Skyjack Part No.	Qty.	Description
-	9-190595	1	HARNES, ROAD LIGHT FRONT & REAR
1	9-156180	2	CONNECTOR, 6F DT
2	9-156194	2	WEDGE, Plug
3	9-170479	4	ADAPTER, Plug
4	9-156120	2	TERMINAL, Male (1.0-0.8 mm ²), 280 M/P
5	9-117586	1	CONNECTOR, Receptacle 12-pin
6	9-117588	1	CONNECTOR, Receptacle 12-pin wedge
7	9-117590	9	CONNECTOR, Contact pin 16-18
8	9-117594	7	SEALING, Plug
9	9-117591	8	SOCKET (16-18 AWG), Solid
10	9-156144	1	CONNECTOR, 2m 280 M/P
11	9-156145	1	TPA, 2W 280 M/P
12	9-124369	2	WIRE SEAL, Green (2.9-2.0 mm), 280 M/P
13	9-108172	1	TERMINAL, 3/8" ring (12-10 AWG)

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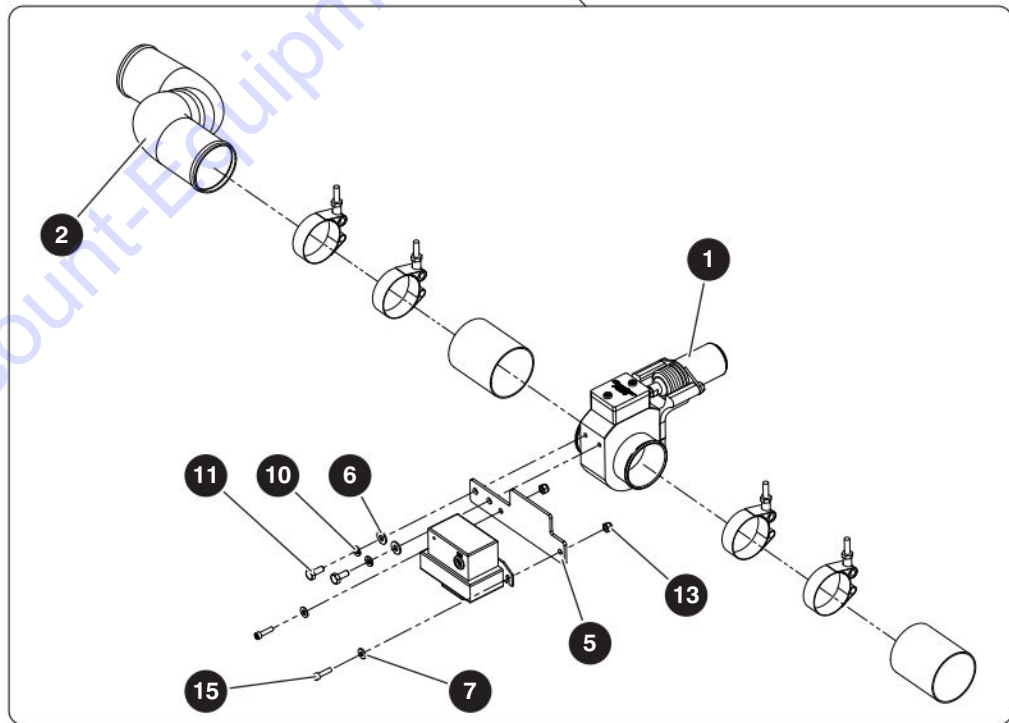
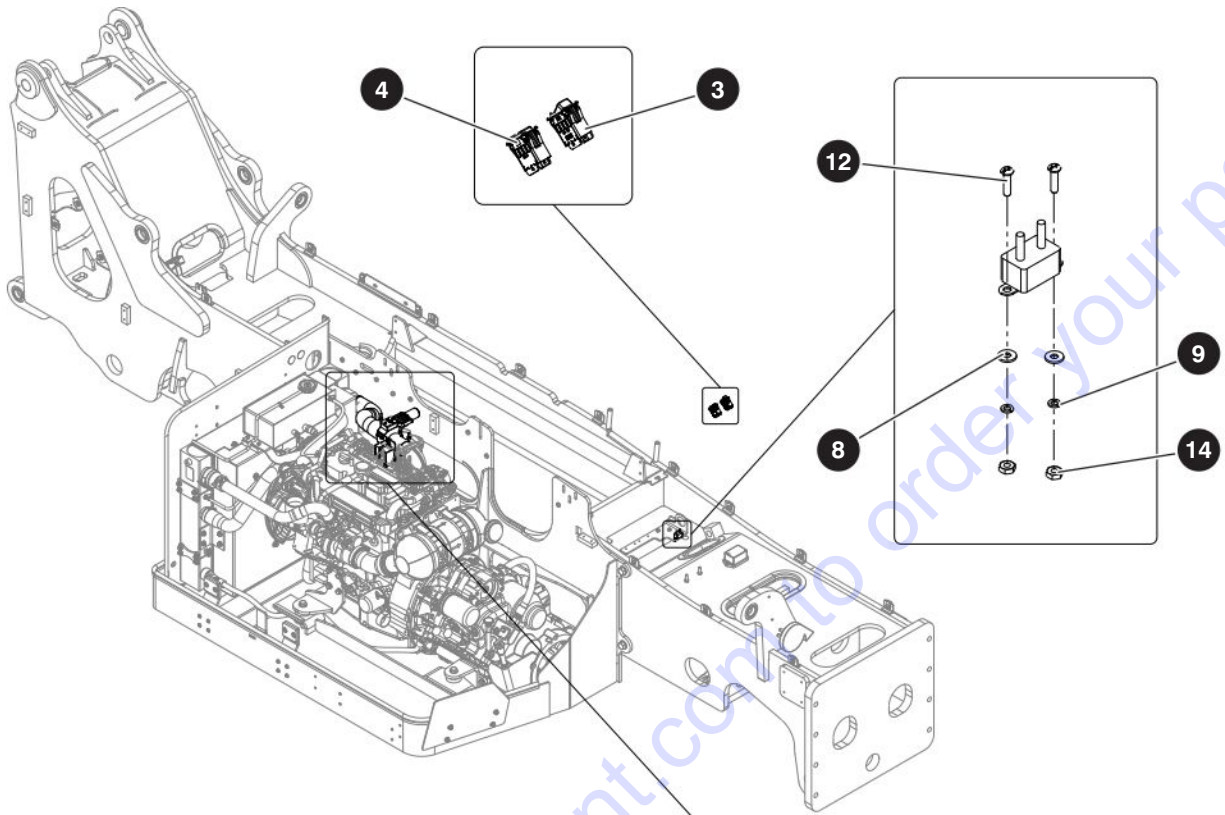
10.7 Oil Quick Drain



M169469AA-2-1

Index No.	Skyjack Part No.	Qty.	Description
-	9-169469	-	VALVE, OIL QUICK DRAIN - DEUTZ
1	9-167431	1	• VALVE, Oil drain
2	9-167432	1	• FITTING, Elbow 90° Oil drain

10.8 Air Intake Shut Off



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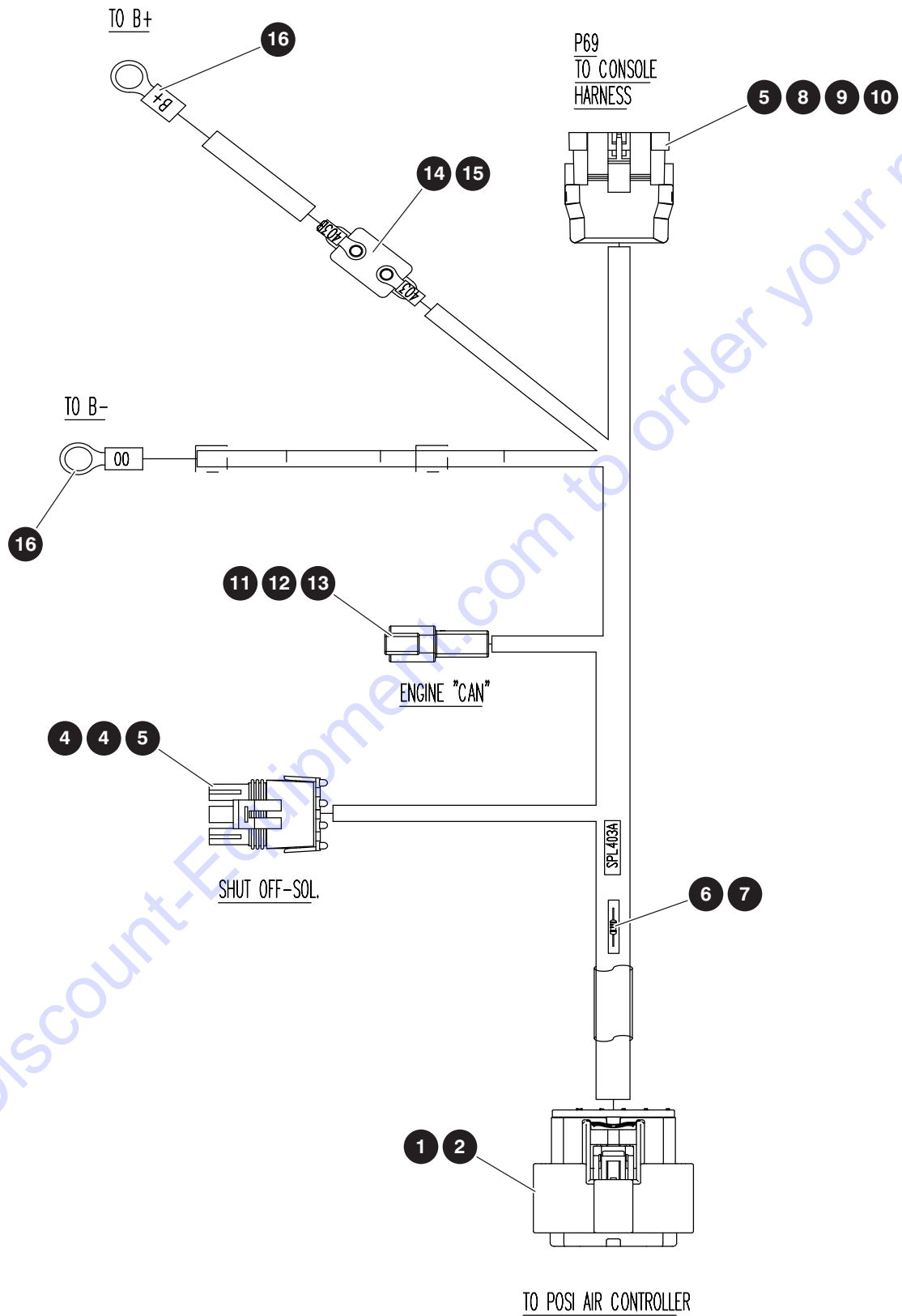
322

SJ1256 THS
SKYJACK

10.8 Air Intake Shut Off

Index No.	Skyjack Part No.	Qty.	Description
-	9-191464	-	VALVE, AIR INTAKE SHUT OFF, Deutz 3.6 107HP
1	9-191466	1	• VALVE, Shocker pass 2500, Deutz tcd 3.6L 107HP
2	9-191461	1	• TUBE, Positive air shutoff, Deutz 3.6L 107HP
3	9-191463	1	• INDICATOR, Positive shutoff
4	9-191455	1	• SWITCH, Positive shutoff
5	9-207740	1	• BRACKET, Air intake shutoff
6	9-103995	2	• WASHER, Flat 1/4"
7	9-104694	2	• Washer Flat #10
8	9-103991	2	• Washer Flat #8
9	9-112249	2	• WASHER, Lock #8
10	9-104000	2	• WASHER, Lock 1/4"
11	9-103892	2	• BOLT, Hex head 1/4"-20 X 5/8" Gr. 5
12	9-116192	2	• SCREW, Round head machine 8-32 x 5/8"
13	9-126642	2	• NUT, Lock with nylon insert 10-24 Gr. 5
14	9-103986	2	• NUT, Hex 8-32
15	9-138834	2	• SCREW, Socket head cap #10-24 x 3/4"
16	(Ref).	1	• HARNESS, Positive air shut off (For components, refer to Section 10.9)

10.9 Air Intake Shut Off Harness



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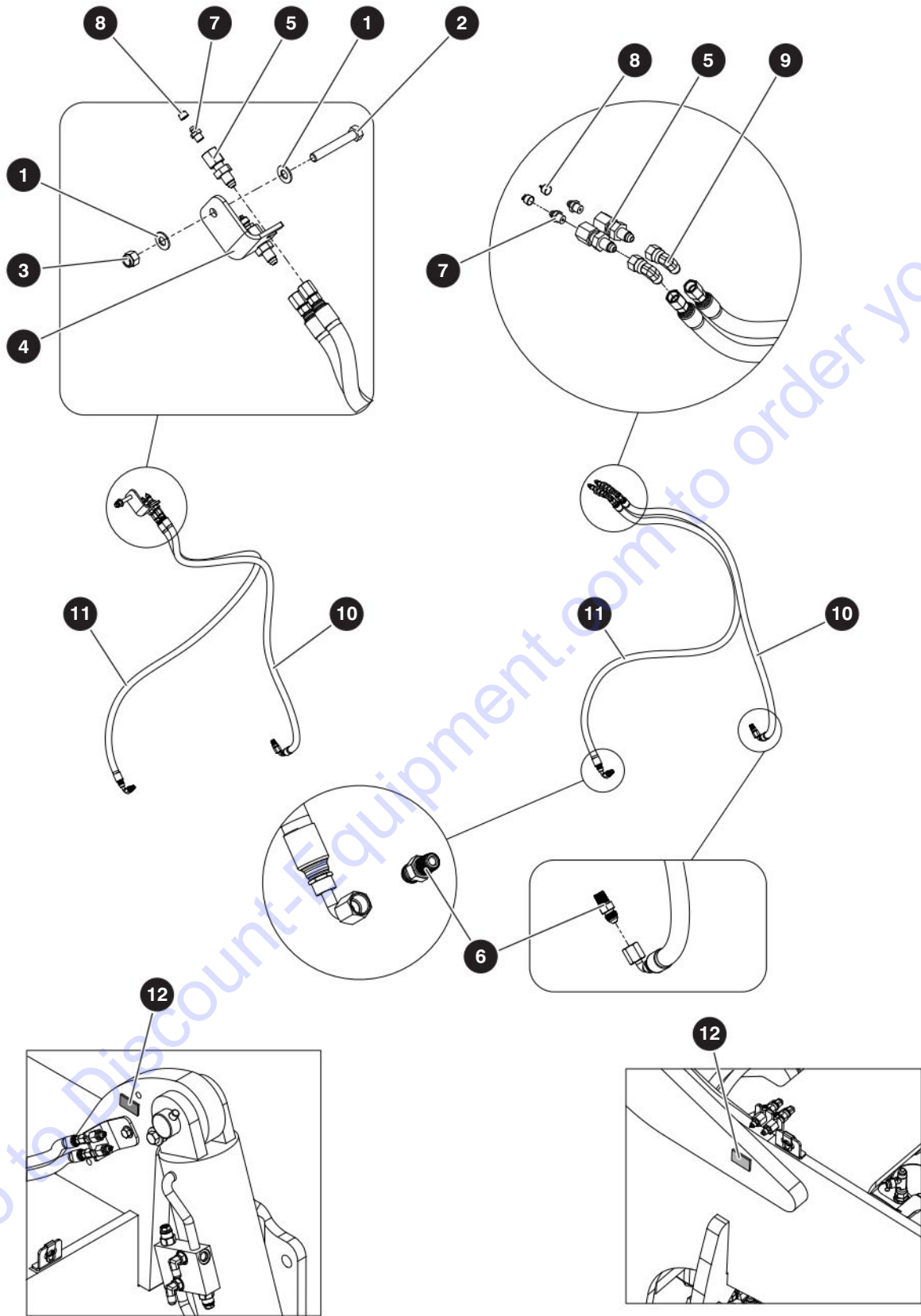
SJ1256 THS

SKYJACK

10.9 Air Intake Shut Off Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-191820	1	HARNES, POSITIVE AIR SHUTOFF
1	9-171900	1	<ul style="list-style-type: none"> • CONNECTOR, Plug 10-way
2	9-171901	8	<ul style="list-style-type: none"> • TERMINAL, Female crimp
3	9-156114	1	<ul style="list-style-type: none"> • CONNECTOR, 3F W/P
4	9-156137	3	<ul style="list-style-type: none"> • TERMINAL, Female sealed (2.0-1.0MM2) W/P
5	9-124369	5	<ul style="list-style-type: none"> • WIRE SEAL W-P
6	9-143952	1	<ul style="list-style-type: none"> • RESISTOR, 50 ohm 2 watt axial lead
7	9-103367	1.5	<ul style="list-style-type: none"> • HEATSHRINK, 1/4 dia polyolfin
8	9-156139	2	<ul style="list-style-type: none"> • TERMINAL, Male sealed (2.0-1.0 mm2), W/P
9	9-156107	1	<ul style="list-style-type: none"> • CONNECTOR, 4M, W/P
10	9-156104	2	<ul style="list-style-type: none"> • PLUG CAVITY 1W, M/P 280 & W/P
11	9-117590	2	<ul style="list-style-type: none"> • CONNECTOR, Pin
12	9-117598	1	<ul style="list-style-type: none"> • CONNECTOR, W2P 2 pin wedge
13	9-117596	1	<ul style="list-style-type: none"> • CONNECOTR, Receptacle 2 pin
14	9-171899	1	<ul style="list-style-type: none"> • BREAKER, Auto reset 20 amp
15	9-102936	2	<ul style="list-style-type: none"> • TERMINAL, 14-16GA*#10 ring blue
16	9-156219	4	<ul style="list-style-type: none"> • TERMINAL, M8 ring (5.0 mm²)

10.10 Remote Axle Grease



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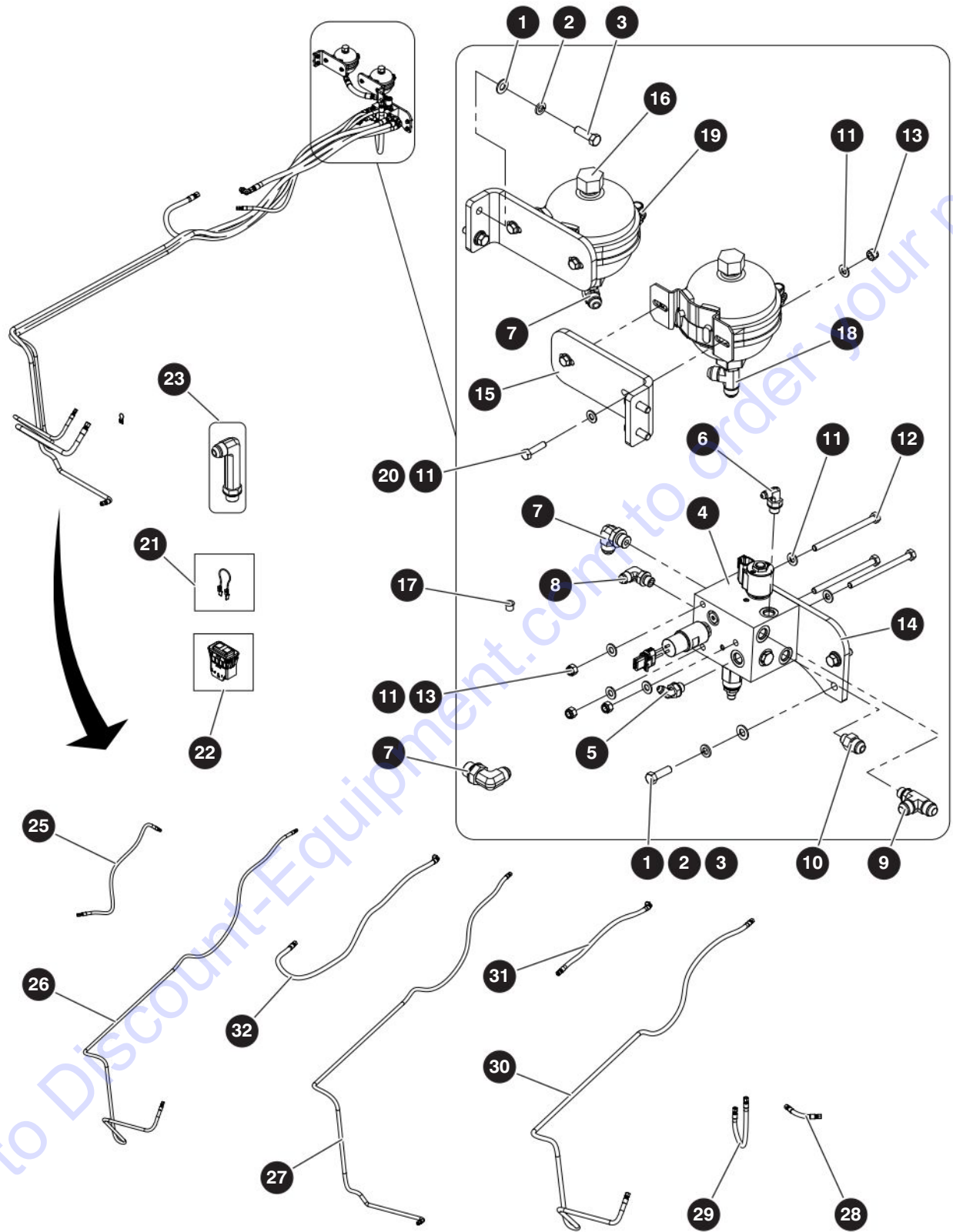
SJ1256 THS

SKYJACK

10.10 Remote Axle Grease

Index No.	Skyjack Part No.	Qty.	Description
-	9-191730	-	REMOTE AXLES GREASE
1	9-103472	2	• WASHER, Flat 3/8" SAE
2	9-103873	1	• BOLT, Hex head 3/8"-16 X 2 1/2" Gr. 5
3	9-104606	1	• NUT, Lock with nylon insert, 3/8"-16 Gr. 5
4	9-191731	1	• BRACKET, Axle grease
5	9-406595	4	• FITTING - Bulkhead
6	9-933309	4	• FITTING, Straight (04 JICM- 02 NPTM)
7	9-102027	4	• FITTING, Grease 1/8" NPTF straight
8	9-132565	4	• CAP, Grease Gr. 5
9	9-702875	2	• FITTING, Hydraulic swivel nut elbow
10	9-191735	2	• HOSE, Assembly grease 42" long
11	9-191736	2	• HOSE, Assemblygrease 50" long
-	9-195071	1	• DECAL, Remote Axle Grease Option
12	9-152230	2	• • DECAL, Grease point

10.11 Reserve Brake



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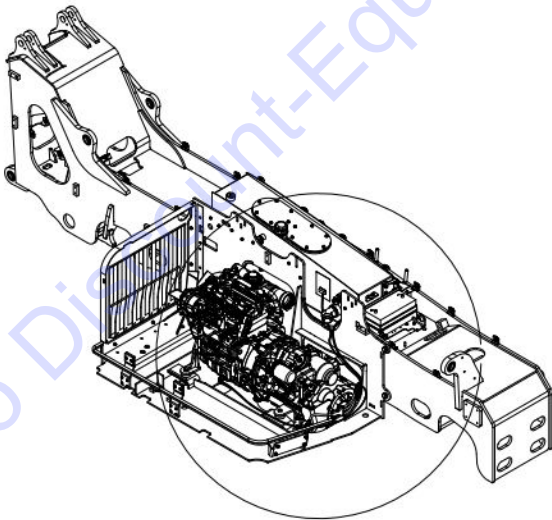
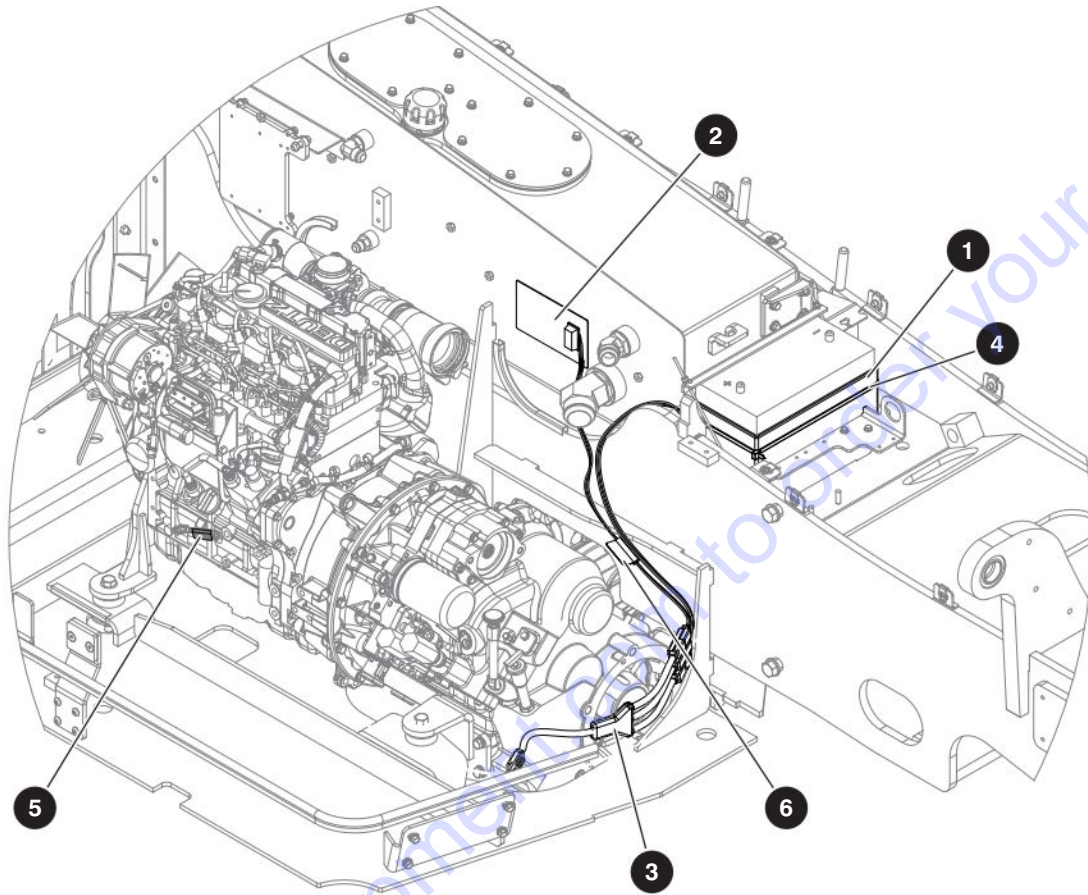
SKYJACK

10.11 Reserve Brake

Index No.	Skyjack Part No.	Qty.	Description
-	9-197113	-	RESERVE BRAKE GROUP
1	9-103472	6	• WASHER, Flat 3/8" SAE
2	9-103999	6	• WASHER, Lock 3/8"
3	9-103473	6	• BOLT, Head head -16 X 1" Gr. 5
-	9-191720	1	• ASSEMBLY, Reserve brake manifold
-	9-190558	1	• • MANIFOLD, Reserve brake sub assembly
4	9-190357	1	• • • MANIFOLD, Reserve brake
5	9-707234	1	• • • FITTING, 45° (04 JICM - 06 ORBM)
6	9-129127	1	• • • FITTING, 90° (04 JICM - 06 ORBM)
7	9-114583	3	• • • FITTING, 90° (08 JICM - 08 ORBM)
8	9-114578	1	• • • FITTING, 90° (06 JICM - 06 ORBM)
9	9-191742	1	• • • FITTING, Run tee (08 JICM - 06 ORBM - 08 JICM)
10	9-104402	1	• • • FITTING, (6 SAE TO 8 JIC)
11	9-103996	14	• • WASHER, Flat 5/16" SAE
12	9-103869	3	• • BOLT, Hex head 5/16"-18 X 4-1/2" Gr. 5
13	9-103984	7	• • NUT, Lock with nylon insert 5/16"-18 Gr. 5
14	9-191729	1	• • BRACKET, Reserve brake
15	9-191721	2	• BRACKET, Accumulator
16	9-400947	2	• ACCUMULATOR, Diaphragm, 3/4L low T°
17	9-104437	1	• PLUG, Fitting- (06 orb hex socket)
18	9-110554	1	• FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
19	9-190562	2	• CLAMP, Accumulator
20	9-112532	4	• BOLT, Hex head 5/16"-18 X 1-1/4" Gr. 5
21	9-190563	1	• HARNESS, Reserve brake
22	9-191463	1	• INDICATOR, Reserve brake / positive shutoff
23	9-150943	1	• FITTING, 90° LLL (08 JICM - 08 ORBM)
24	9-197114	1	• INSTRUCTIONS, Reserve Brake Installation

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	9-191718	ASSEMBLY, Hose reserve brake			
25	H310400480	Reserve brake manifold	ST LS	ST LS	Main manifold
26	H310401740	Reserve brake manifold	STEER	LS	Steering control unit
27	H310601620	Reserve brake manifold	A1	P	Brake pedal
28	H310800100	Accumulator			
29	H310800260	Reserve brake manifold	A2		Accumulator
30	H310801790	Reserve brake manifold	P	P	Steering console
31	H340800490	Reserve brake manifold	T	DR3	Main manifold
32	H340800820	Reserve brake manifold	P	CF	Main manifold

10.12 Cold Weather Package



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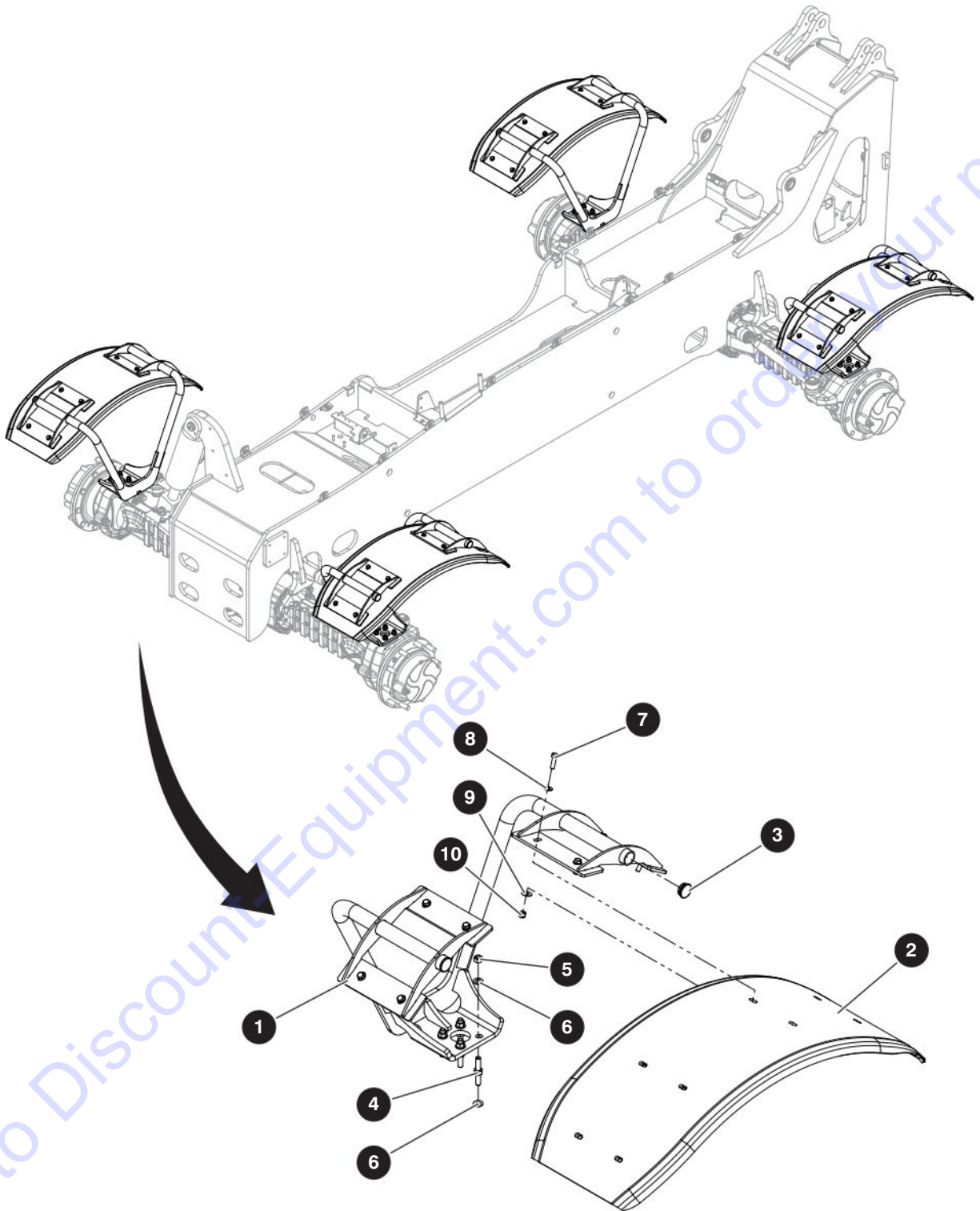
330

SJ1256 THS
SKYJACK

10.12 Cold Weather Package

Index No.	Skyjack Part No.	Qty.	Description
-	9-205772	1	COLD WEATHER SUBGROUP, 107 HP
1	9-703290	1	• BLANKET - Battery
2	9-164762	1	• PAD HEATER - 500W
3	9-159888	1	• CORD, (12/3AWG 15A x 2' LONG)
4	9-144727	2	• TIE WRAP, Cable 43.3" black
5	9-144635	1	• LABEL - Arctic engine oil
6	9-144632	1	• LABEL - Hydraulic oil heater/bat warmer
7	9-199059	1	• INSTRUCTIONS, Cold weather package installation
8	(Ref.)	17 L	• COOLANT-ANTIFREEZE (Not shown) (For components, refer to Section 12.1)
9	(Ref.)	9 L	• OIL - Arctic engine (SAE 0W-40) (Not shown) (For components, refer to Section 12.1)
10	(Ref.)	35.6 L	• OIL - Arctic gear (Not shown) (For components, refer to Section 12.1)
11	(Ref.)	50 L	• FUEL, Diesel #2, coloured (Not shown) (For components, refer to Section 12.1)
12	(Ref.)	9.4 L	• DIESEL EXHAUST FLUID (DEF) (Not shown) (For components, refer to Section 12.1)

10.13 4 Wheel Fender



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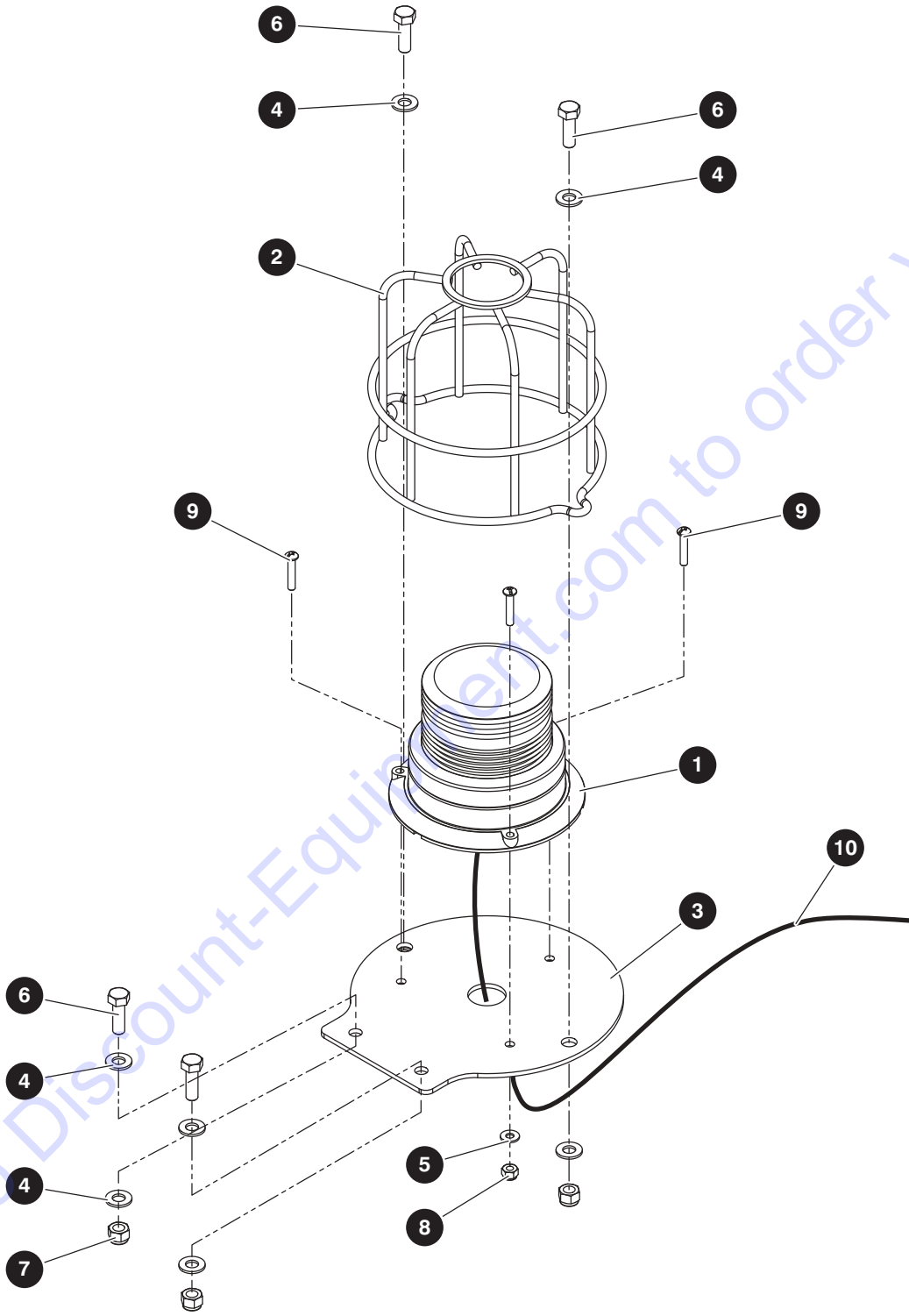
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10.13 4 Wheel Fender

Index No.	Skyjack Part No.	Qty.	Description
-	9-197111	1	4 WHEEL FENDER GROUP
1	9-191894	4	• WELDMENT, 4 wheels fender
2	9-191901	4	• WING, TH fenders
3	9-191903	8	• PLUG, Plastic 1 1/4" tube ID
4	9-191904	16	• STUD, M12 X 1-1/4" fender mount
5	9-933838	16	• NUT, Hex head M12-1-1/4"
6	9-933817	32	• WASHER, Flat M12 CL 200 Y
7	9-101297	32	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
8	9-125959	32	• WASHER, Flat 3/8" SAE hard
9	9-127067	32	• WASHER, Flat 3/8" Style BB
10	9-104606	32	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
11	9-197112	1	• INSTRUCTIONS, 4 wheel fender installation

10.14 Beacon Light Assembly



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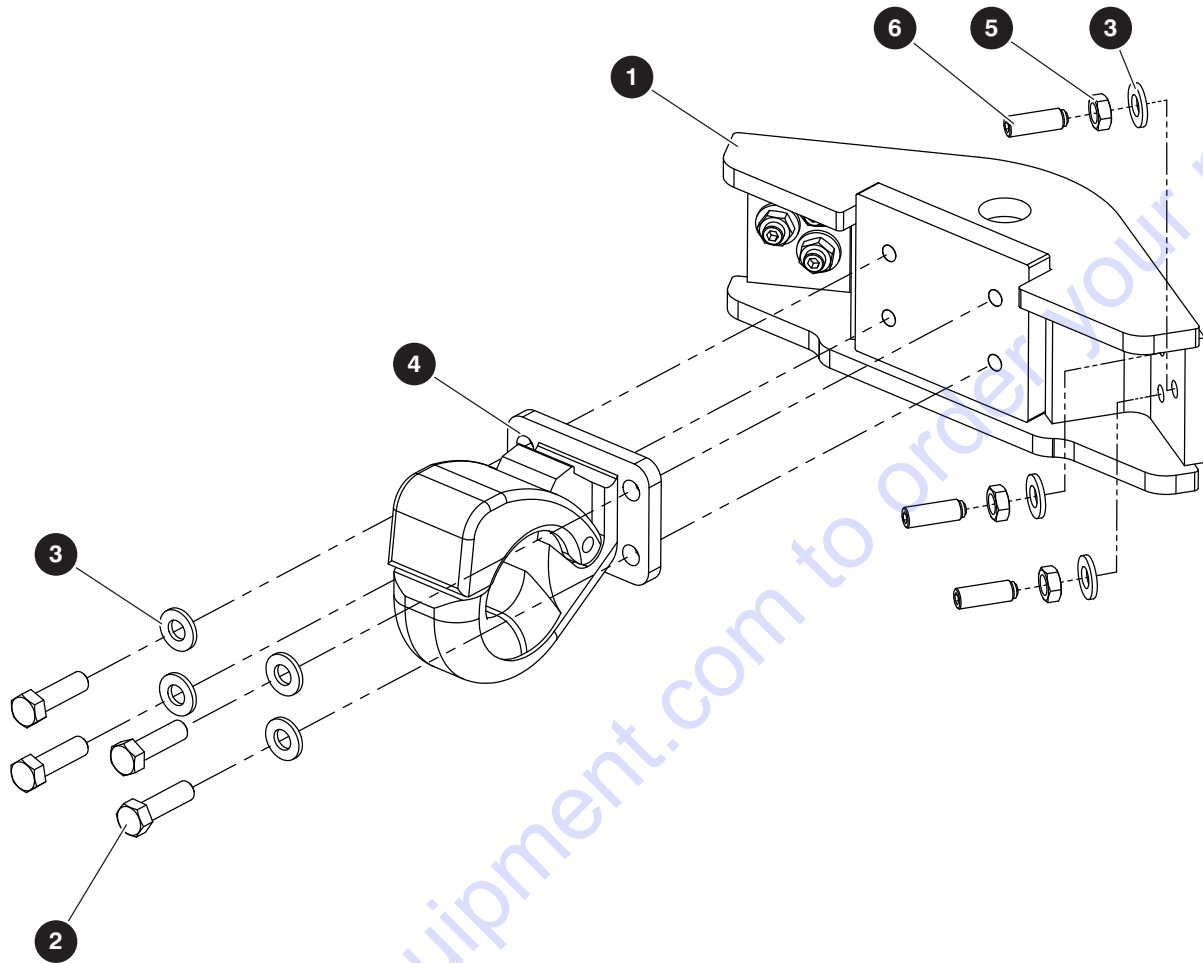
SJ1256 THS

SKYJACK

10.14 Beacon Light Assembly

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	9-191613	1	• HARNESS, Beacon light
11	9-199049	1	• INSTRUCTIONS, Flashing Light installation

10.15 Pintle Hook



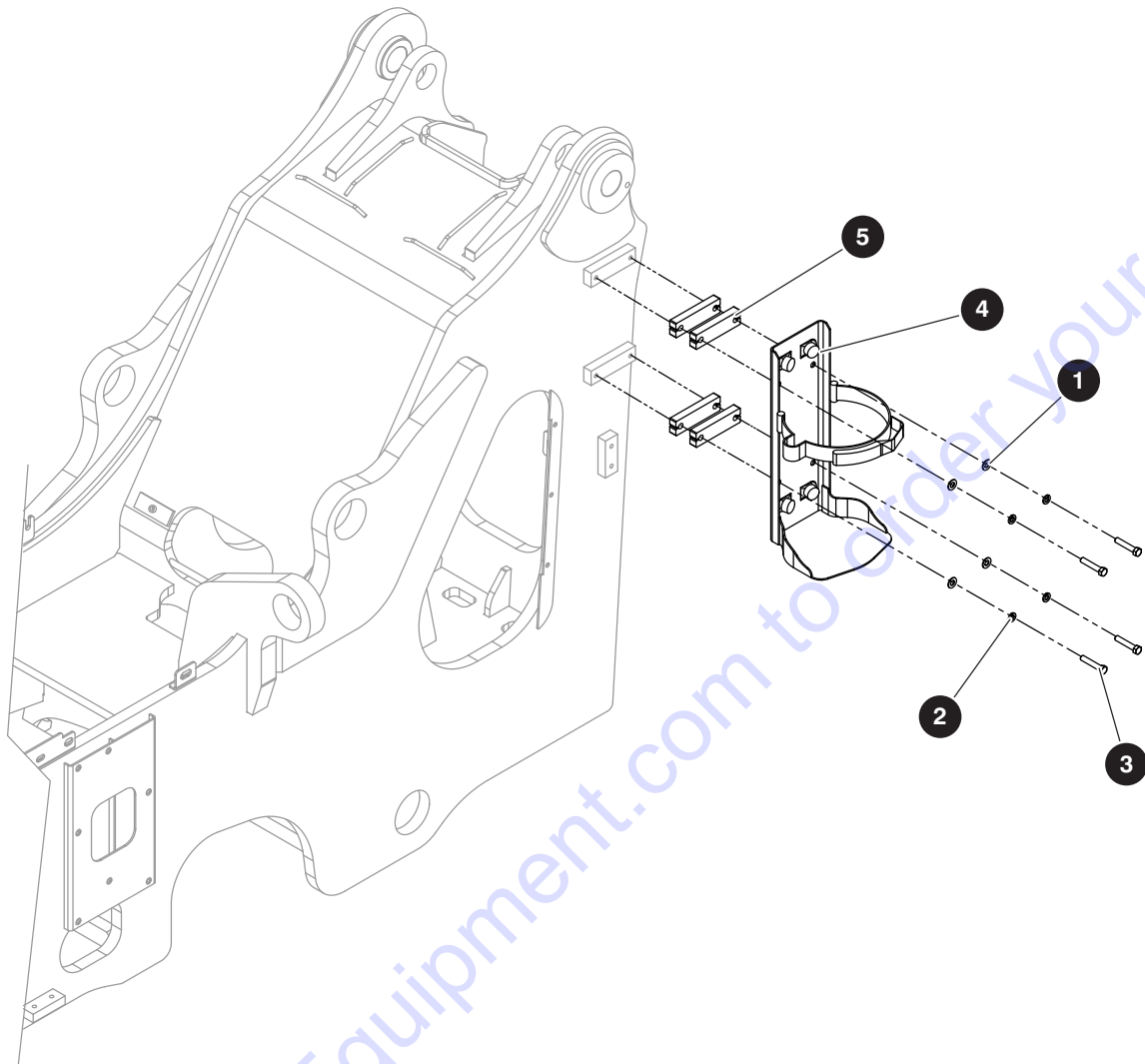
M191760AA

Index No.	Skyjack Part No.	Qty.	Description
-	9-191760	-	PINTLE HITCH
1	9-191761	1	• WELDMENT, Pintle Hitch Adaptor
2	9-126361	4	• BOLT, Hex head (1/2"-13 X 1 3/4") Gr. 8
3	9-104379	10	• WASHER, Flat (1/2") Hard
4	9-921813	1	• PINTLE, Heavy duty pintle 6000 lb
5	9-107949	6	• NUT, Hex head JAM (1/2")-13 Gr. 5
6	9-191782	6	• SCREW, Set (1/2"-13 x 1 1/2") swivel ball end

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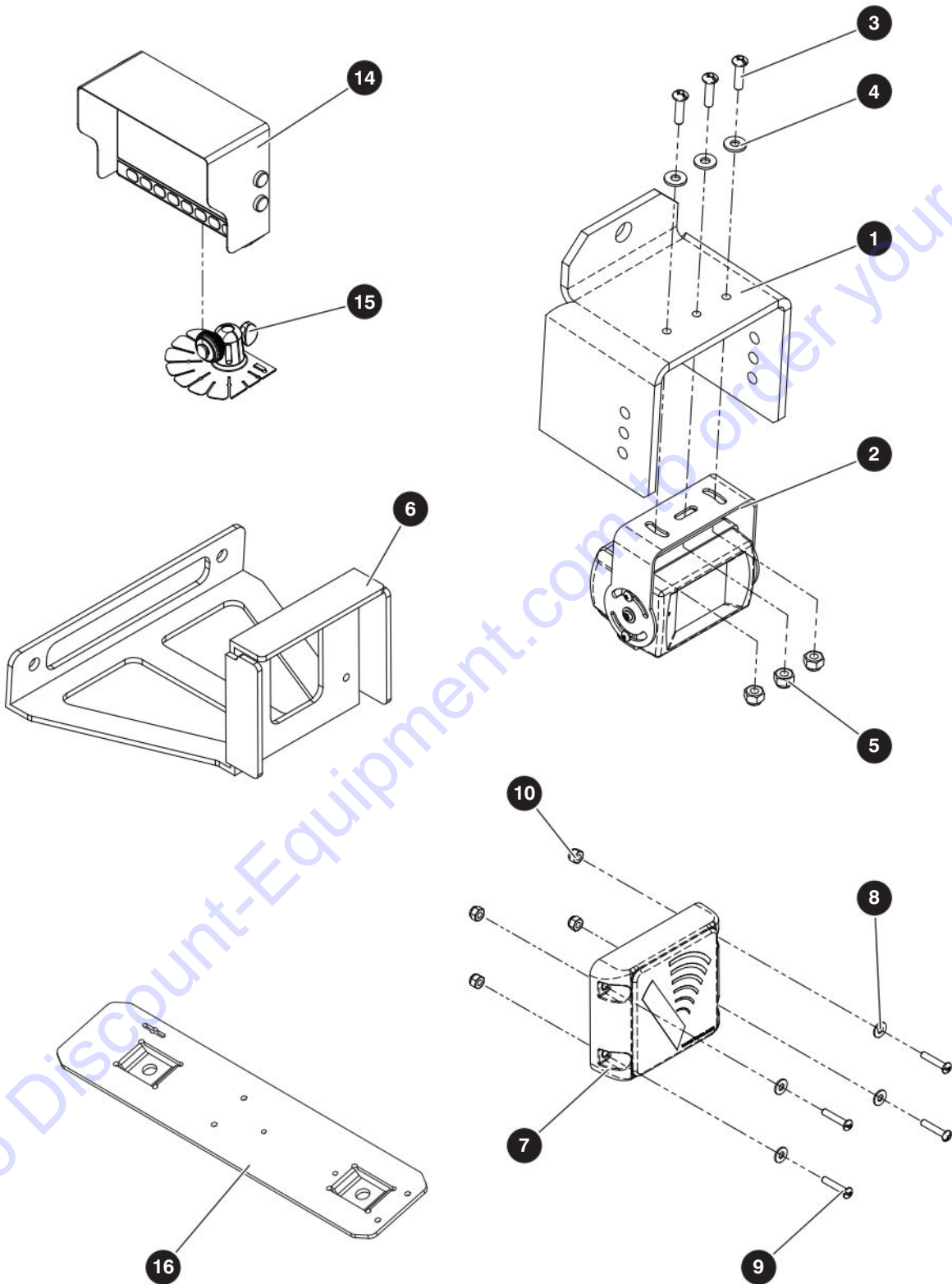
10.16 Fire Extinguisher



M204053AA

Index No.	Skyjack Part No.	Qty.	Description
-	9-204053	1	ASSEMBLY, FIRE EXTINGUISHER
1	9-103472	4	• WASHER, Flat 3/8" SAE
2	9-103999	4	• WASHER, Lock 3/8"
3	9-103596	4	• BOLT, Hex head 3/8"-16 x 2" Gr. 5
4	9-204056	1	• BRACKET, Fire extinguisher 20lb
5	9-204159	4	• SPACER, Fire extinguisher

10.17 Backup Camera and Sensor



M205784AA

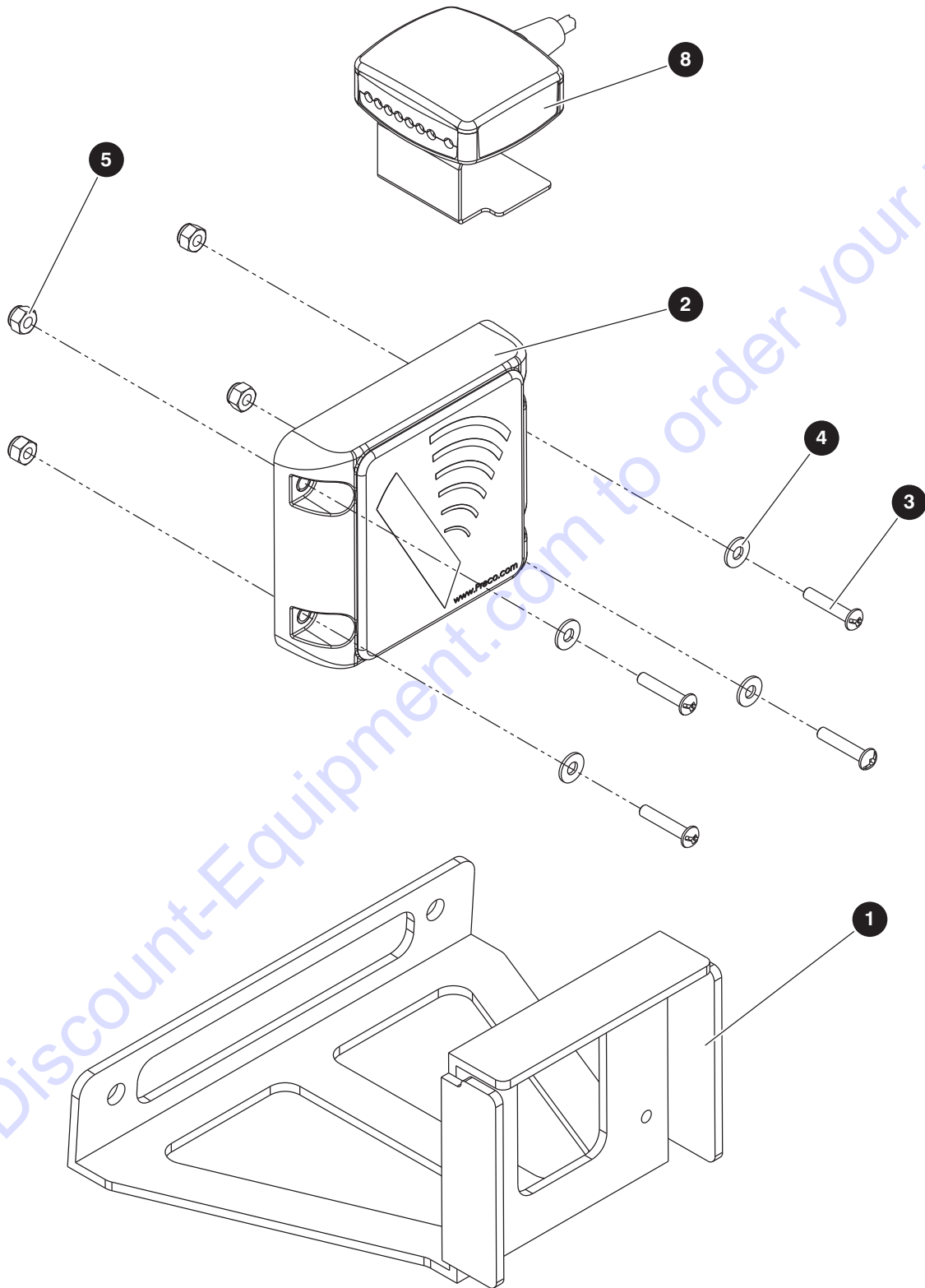
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10.17 Backup Camera and Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	9-205784	1	KIT, BACK UP CAMERA AND SENSOR
1	9-211855	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	9-211669	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	9-211700	1	• CABLE, Back up camera (Not Shown)
12	9-211746	1	• HARNESS, Back up sensor (Not Shown)
13	9-211672	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	9-205786	1	• INSTRUCTION, Back up camera & sensor (Not Shown)

10.18 Back up Sensor



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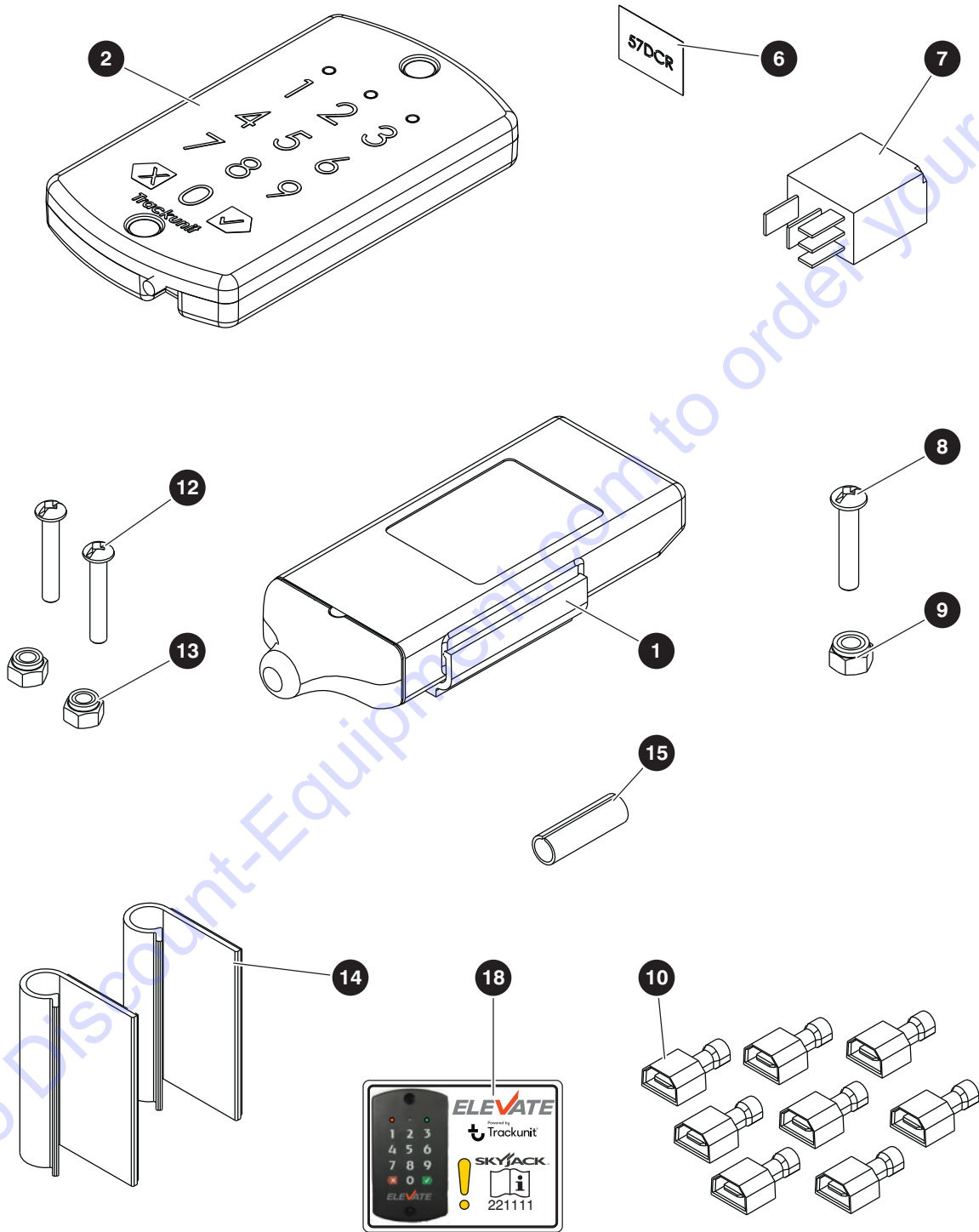
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SKYJACK

10.18 Back up Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	9-205785	1	KIT, BACK UP SENSOR
1	9-211669	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)

10.19 Elevate Telematic



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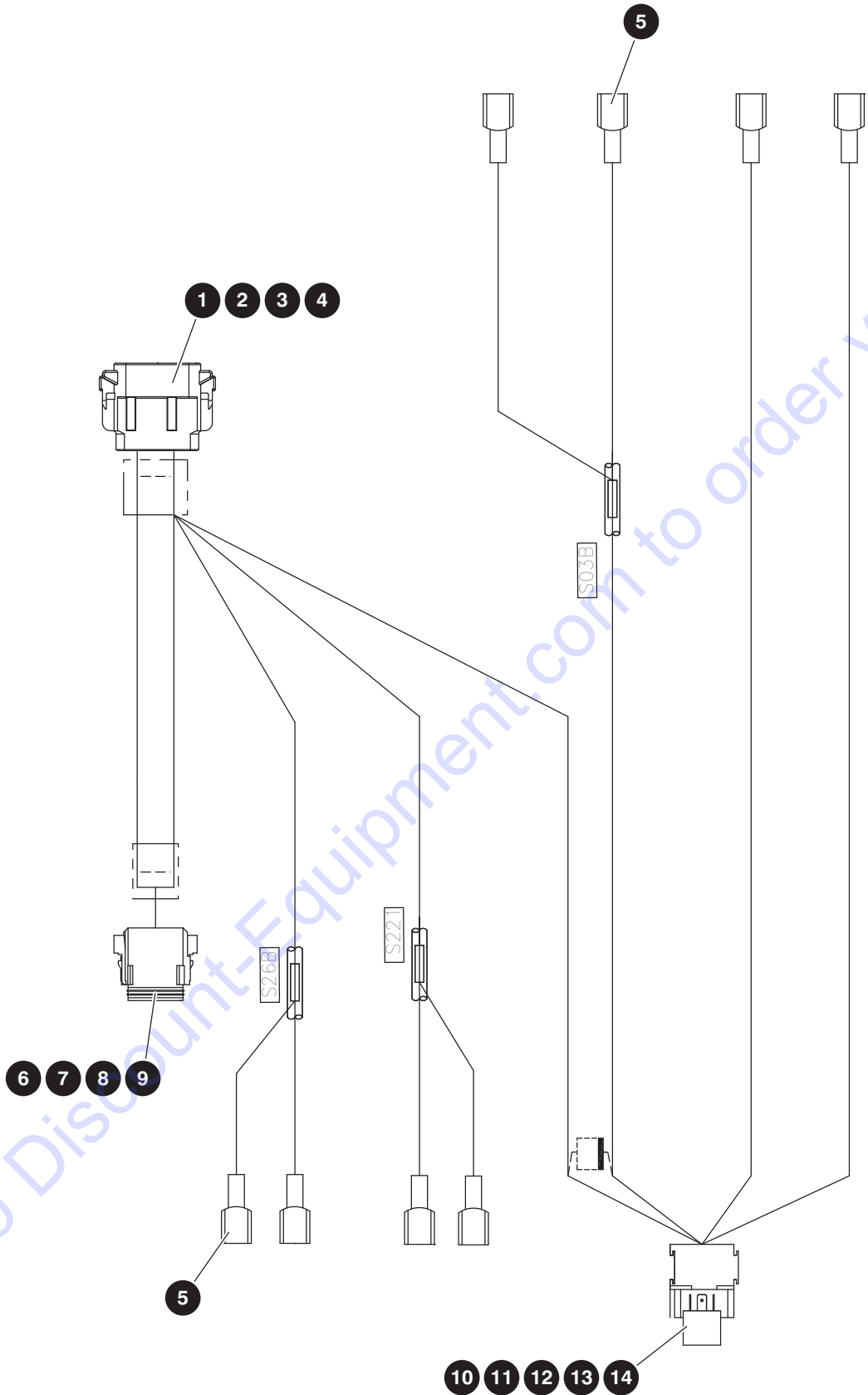
SJ1256 THS

SKYJACK

10.19 Elevate Telematic

Index No.	Skyjack Part No.	Qty.	Description
A	9-221475	1	SERVICE KIT, Trackunit rework TH
B	9-221476	1	SERVICE KIT, Trackunit telehandler
C	9-221477	1	SERVICE KIT, Trackunit rework with keypad TH
D	9-221478	1	SERVICE KIT, Trackunit with keypad TH
1	9-213098	1	TELEMATICS, Elevate ME501-4
	9-199296		COVER, Track Unit
	9-199297		BRACKET, Track Unit
	9-199298		BATTERY, Track Unit
	9-199299		CABLE, Control Track Unit
2	9-213099	1	TELEMATICS, Elevate Keypad - C, D
3	9-221451	1	HARNESS, Telematics TH
4	9-221453	1	WIRE ASM, CAN H - A, C
5	9-221454	1	WIRE ASM, CAN L - A, C
6	9-221150	1	LABEL, 57DCR - A, C
7	9-931298	1	RELAY
8	9-105621	1	SCREW, RND HD MACHINE 10-32 x 1.000 - A, C
9	9-300450	1	NUT, LOCK 10-32 GR5 - NYL - A, C
10	9-105360	8	TERMINAL, MALE 14-16GA X 1/4 FULL INSL - A, C
11	9-208856	1.75	TAPE, VHB - 5952 - 1 INCH
12	9-112248	2	SCREW, RND HD MACHINE 8-32 x 1.000 - C, D
13	9-138765	2	NUT, LOCK 8-32 GR5 \ZINC - NYL - C, D
14	9-108791	2	CLIP, CORD ADHESIVE BACK - C, D
15	9-124399	26"	WIRE-PROTECTOR 1/4" 125-0140 BL - C, D
16	9-221464	1	INTRUCTIONS, Elevate Telematics Installation
17	9-221111	1	OPERATING INTRUCTIONS, Elevate Telematics - C, D
18	9-173002	1	LABEL, Elevate Telematics - C, D

10.20 Elevate Telematics Harness



M221451AC

10.20 Elevate Telematics Harness

Index No.	Skyjack Part No.	Qty.	Description
-	9-221451	1	ELEVATE TELEMATICS HARNESS
1	9-220611	1	• CONNECTOR, DEUTSCH DTM06-12S
2	9-220612	1	• CONNECTOR, DEUTSCH DTM06 WEDGE
3	9-220613	9	• CONNECTOR, CONTACT SOCKET NO.20
4	9-156152	3	• SEALING PLUG, DRC SERIES
5	9-105359	8	• TERMINAL FEMALE 14-16GA INSL.BLUE
6	9-117583	1	• CONNECTOR PLUG 8-PIN
7	9-117585	1	• CONNECTOR PLUG 8-PIN WEDGE
8	9-117591	6	• CONNECTOR - CONTACT SOCKET 16-18
9	9-117594	2	• CONNECTOR - SEALING PLUG
10	9-129258	1	• DIODE 1N4007
11	9-931298	1	• RELAY
12	9-156166	1	• SOCKET, RELAY
13	9-126808	2	• TERMINAL 14-08 GA 1/4 NON INSULATED
14	9-199144	2	• TERMINAL, 0.187 SRS FASTIN ON RCPT PH BR

Section 11 – Labels

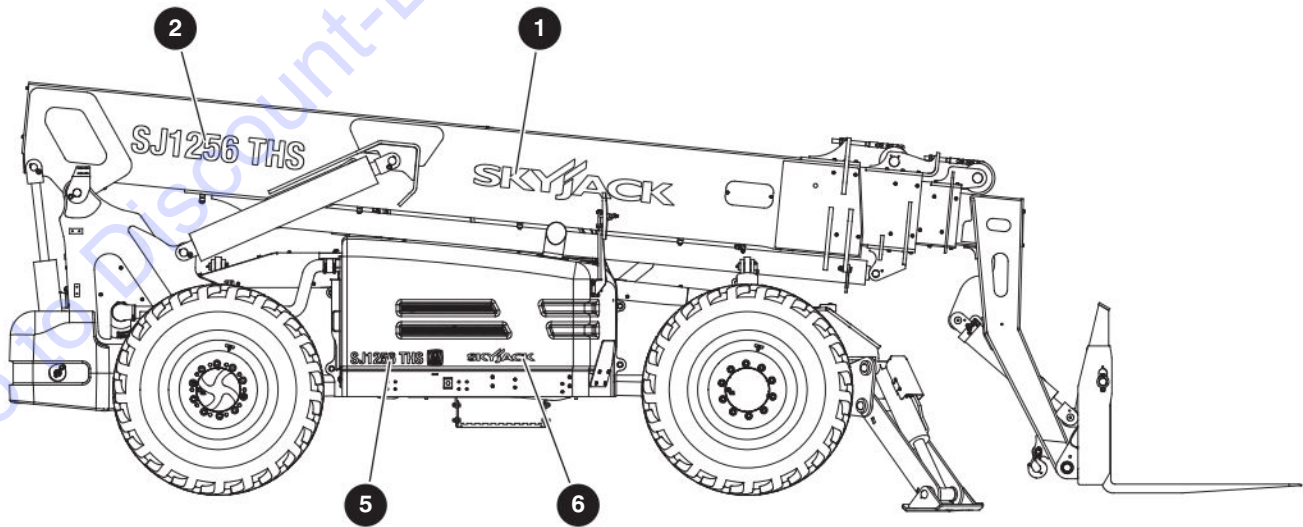
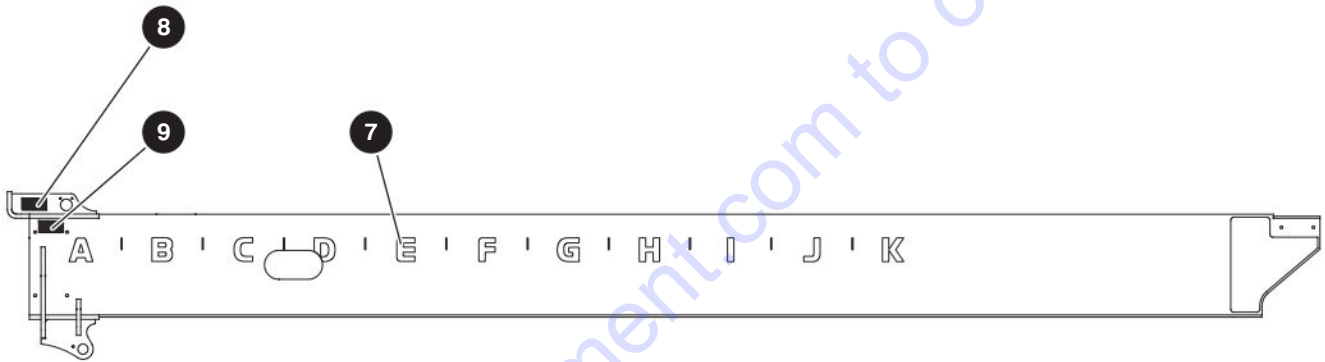
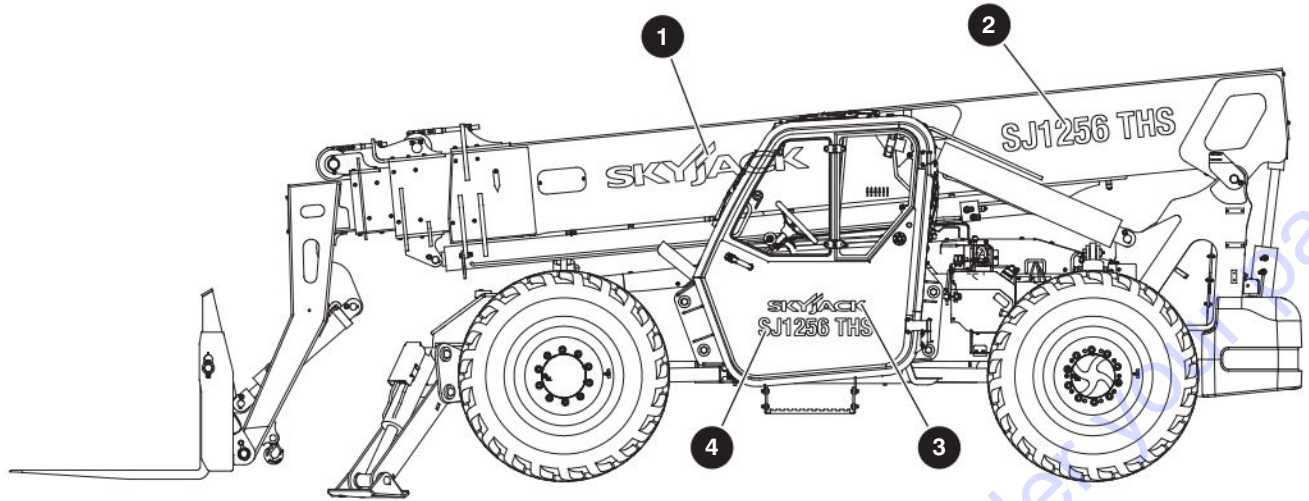
11.1 *Model Specific*

11.2 *Pictorial Group Labels*

11.3 *Cab Labels*

11.4 *Load Charts*

11.1 Model Specific



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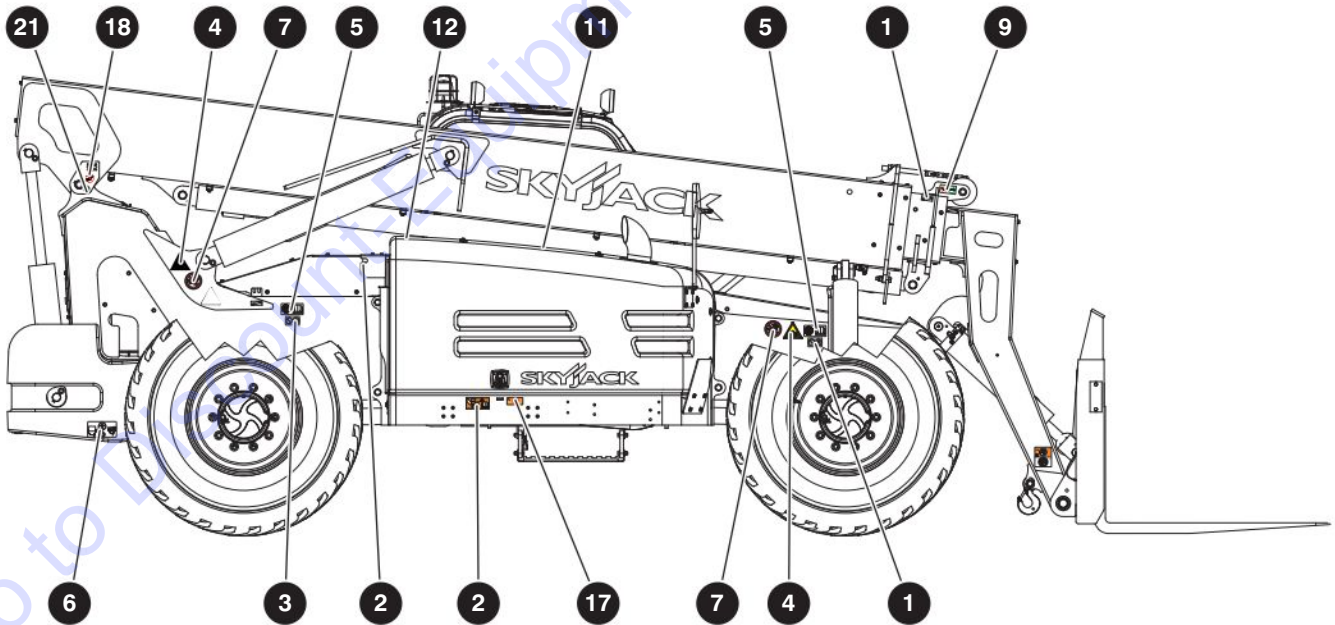
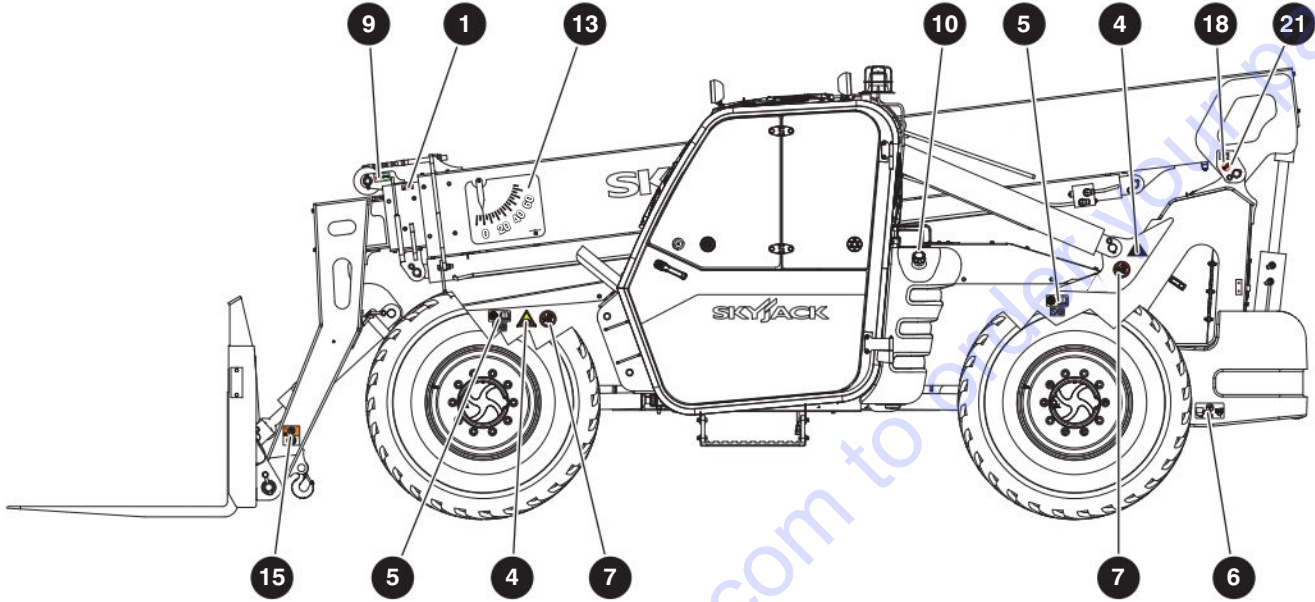
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SKYJACK

11.1 Model Specific

Index No.	Skyjack Part No.	Qty.	Description
A	9-205151	1	LABEL GROUP - MODEL SPECIFIC 1256 ENCLOSED CAB
B	9-205150	1	LABEL GROUP - MODEL SPECIFIC 1256 OPEN CAB
1	9-164773	2	LABEL, Skyjack logo white (51")
2	9-172514	2	LABEL, SJ1256 TH white (43")
3	9-166951	1	LABEL, Skyjack logo white (25") - A
4	9-172515	1	LABEL, SJ1256 TH white (28") - A
5	9-172516	1	LABEL, SJ1256 TH white (18")
6	9-158536	1	LABEL, Skyjack logo white (17")
7	9-172146	1	LABEL, Boom letters
8	9-152237	2	LABEL, Keep chains tight
9	9-152230	2	LABEL, Grease point

11.2 Pictorial Group Labels

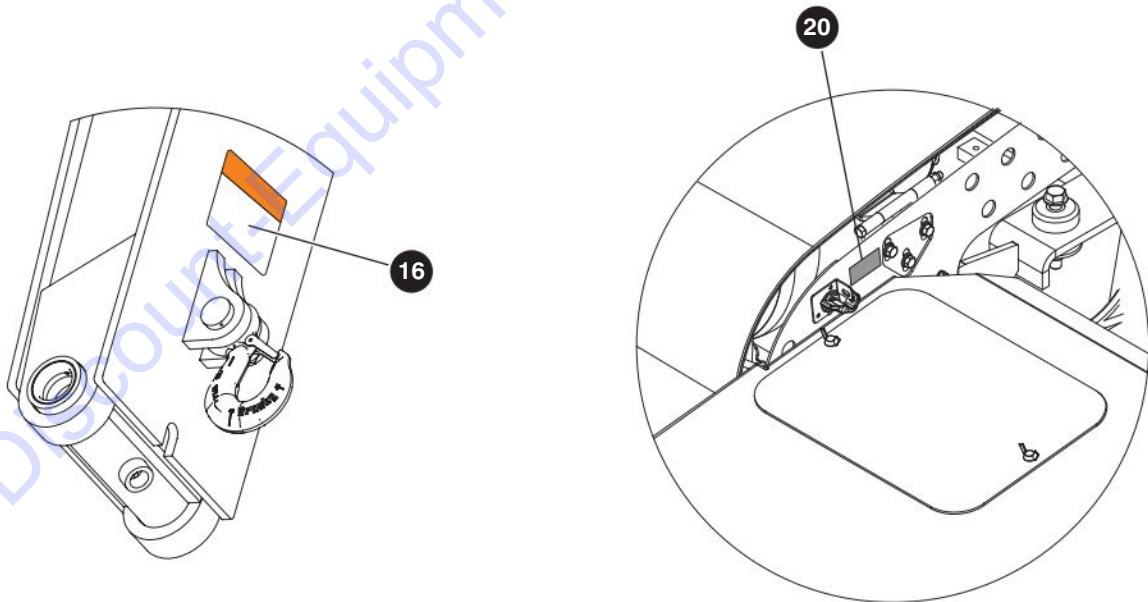
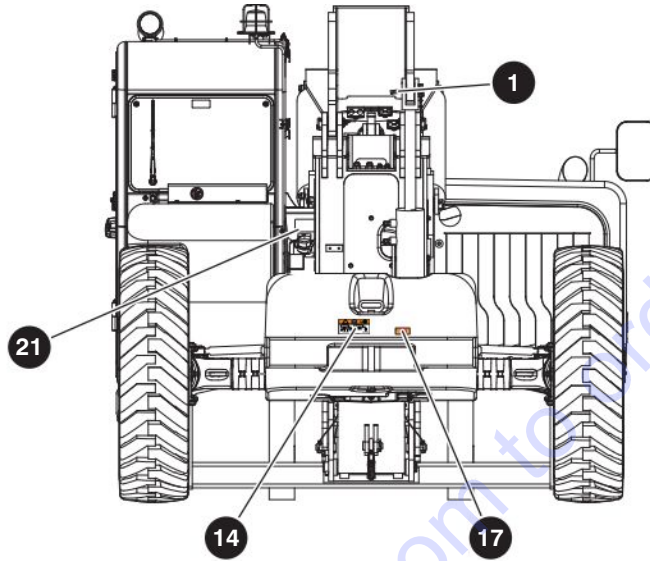


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11.2 Pictorial Group Labels

Index No.	Skyjack Part No.	Qty.	Description
A	9-190077	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410753 and below)</i>
B	9-229082	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410754 and above)</i>
1	9-152230	6	<ul style="list-style-type: none"> LABEL, Grease point
2	9-137988	1	<ul style="list-style-type: none"> LABEL, Crush/pinch hazard pictorial
3	9-146016	1	<ul style="list-style-type: none"> LABEL, Hydraulic oil level (min/max)
4	9-139314	4	<ul style="list-style-type: none"> LABEL, Body crush pictorial
5	9-124631	4	<ul style="list-style-type: none"> LABEL, Wheel info pictorial
6	9-157528	4	<ul style="list-style-type: none"> LABEL, Lift point / tie down pictorial
7	9-139855	4	<ul style="list-style-type: none"> LABEL, "Keep clear" pictorial
8	9-138146	1	<ul style="list-style-type: none"> LABEL, No smoking pictorial
9	9-152237	2	<ul style="list-style-type: none"> LABEL, Keep chains tight
10	9-162852	1	<ul style="list-style-type: none"> LABEL, Diesel "ultra low sulfur only "
11	9-102961	1	<ul style="list-style-type: none"> LABEL, ATF dexron III pictorial
12	9-163095	1	<ul style="list-style-type: none"> LABEL, Caution coolant fill
13	9-196184	1	<ul style="list-style-type: none"> LABEL, Boom angle indicator
14	9-195900	1	<ul style="list-style-type: none"> LABEL, Towing capacity
15	9-195421	2	<ul style="list-style-type: none"> LABEL, Fork pins warning
16	9-195422	1	<ul style="list-style-type: none"> LABEL, Lifting hook
17	9-115543	2	<ul style="list-style-type: none"> LABEL, No step
18	9-156613	2	<ul style="list-style-type: none"> LABEL, Do not tamper with switch
19	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Cab labels <p><i>(For components, refer to Section 11.3)</i></p>
20	9-212532	1	<ul style="list-style-type: none"> LABEL, Main battery disconnect switch
21	9-173583	2	<ul style="list-style-type: none"> LABEL, Do not grease
22	9-173202	4	<ul style="list-style-type: none"> LABEL, Tip over hazard - B
23	9-172501	1	LABEL, DEF Tank

11.2 Pictorial Group Labels



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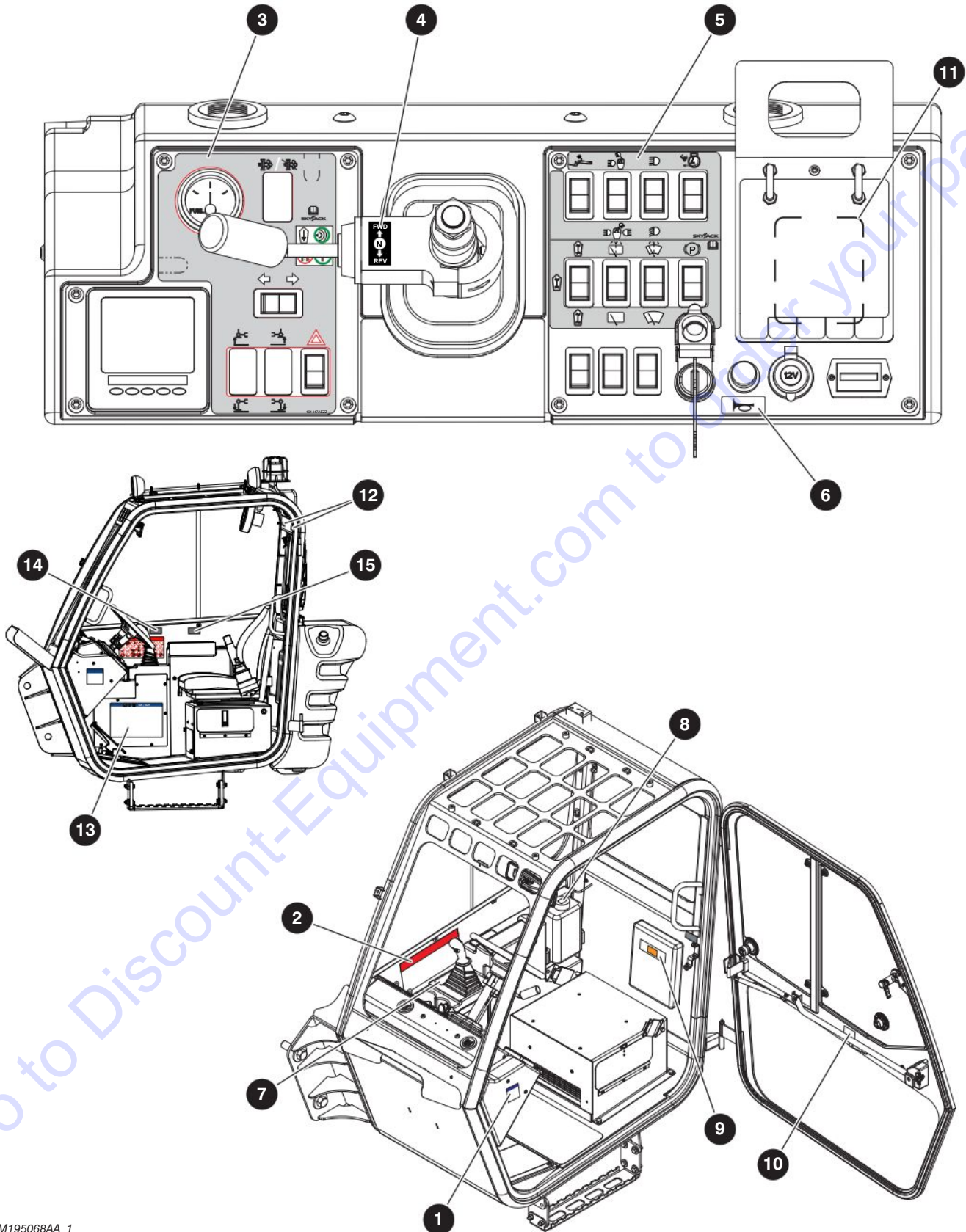
SJ1256 THS

SKYJACK

11.2 Pictorial Group Labels

Index No.	Skyjack Part No.	Qty.	Description
A	9-190077	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410753 and below)</i>
B	9-229082	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410754 and above)</i>
1	9-152230	6	<ul style="list-style-type: none"> LABEL, Grease point
2	9-137988	1	<ul style="list-style-type: none"> LABEL, Crush/pinch hazard pictorial
3	9-146016	1	<ul style="list-style-type: none"> LABEL, Hydraulic oil level (min/max)
4	9-139314	4	<ul style="list-style-type: none"> LABEL, Body crush pictorial
5	9-124631	4	<ul style="list-style-type: none"> LABEL, Wheel info pictorial
6	9-157528	4	<ul style="list-style-type: none"> LABEL, Lift point / tie down pictorial
7	9-139855	4	<ul style="list-style-type: none"> LABEL, "Keep clear" pictorial
8	9-138146	1	<ul style="list-style-type: none"> LABEL, No smoking pictorial
9	9-152237	2	<ul style="list-style-type: none"> LABEL, Keep chains tight
10	9-162852	1	<ul style="list-style-type: none"> LABEL, Diesel "ultra low sulfur only "
11	9-102961	1	<ul style="list-style-type: none"> LABEL, ATF dexron III pictorial
12	9-163095	1	<ul style="list-style-type: none"> LABEL, Caution coolant fill
13	9-196184	1	<ul style="list-style-type: none"> LABEL, Boom angle indicator
14	9-195900	1	<ul style="list-style-type: none"> LABEL, Towing capacity
15	9-195421	2	<ul style="list-style-type: none"> LABEL, Fork pins warning
16	9-195422	1	<ul style="list-style-type: none"> LABEL, Lifting hook
17	9-115543	2	<ul style="list-style-type: none"> LABEL, No step
18	9-156613	2	<ul style="list-style-type: none"> LABEL, Do not tamper with switch
19	(Ref).	1	<ul style="list-style-type: none"> ASSEMBLY, Cab labels <p><i>(For components, refer to Section 11.3)</i></p>
20	9-212532	1	<ul style="list-style-type: none"> LABEL, Main battery disconnect switch
21	9-173583	2	<ul style="list-style-type: none"> LABEL, Do not grease
22	9-173202	4	<ul style="list-style-type: none"> LABEL, Tip over hazard - B
23	9-172501	1	LABEL, DEF Tank

11.3 Cab Labels



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SKYJACK

11.3 Cab Labels

Index No.	Skyjack Part No.	Qty.	Description
-	9-195068	1	ASSEMBLY, CAB LABELS
1	9-195425	1	• LABEL, Transportation reminder
2	9-195424	1	• LABEL, Hazard identification
3	9-191447	1	• LABEL, Left side dash
4	9-926902	1	• LABEL, Transmission selector
5	9-191448	1	• LABEL, Right side dash
6	9-105352	1	• LABEL, Horn pictorial
7	9-195109	1	• LABEL, Joystick controls
8	9-152241	1	• LABEL, Windshield washer fluid
9	9-123628	1	• LABEL, Manual storage box
10	9-152246	1	• LABEL, Door open instructions
11	9-195069	1	• LABEL, Fuse Panel SJXX TH
12	9-204421	1	• LABEL, Pictorial emergency exit procedure
13	9-195426	1	LABEL, Daily and weekly maintenance chart
14	173081	1	LABEL, California proposition 65
15	9-173002	1	LABEL, Equipped with elevate Keypad

No Drawing Required

Index No.	Skyjack Part No.	Qty.	Description
1	9-205162	1	Load Charts SJ1256 THS

Section 12 – Tables

Go to Discount-Equipment.com to order your parts

12.1 Recommended Fluids

SJ1256 THS	
Engine	
Fuel Type	Ultra Low Sulfur Diesel (EN 590, ASTM D975) or Biodiesel B20
Fuel Tank Capacity	35 gal (132 L)
Recommended Oil Type	SAE 15W40
Engine Oil Capacity	9.5 quart (9.0 L)
Coolant Type (Standard)	COOLANT-ANTIFREEZE 50/50 PREMIX *
Coolant Type (Cold Weather Option)	COOLANT-ANTIFREEZE 60/40 PREMIX *
Coolant Tank Capacity	4.2 gal (16 L)
DEF	Diesel Exhaust Fluid (DEF)
DEF Tank Capacity	2.4 gal (9.4 L)
Transmission	
Oil Type	Multipurpose ATF
Capacity	14.2 quart (13.5 L)
Axles	
Differential	API GL5 LS
Front Axle Capacity	14.8 quart (14 L)
Rear Axle Capacity	14.8 quart (14 L)
Planetary Wheel Ends	API GL5 LS
Capacity	2 quart (1.89 L)
Hydraulic Oil	
Standard Factory Fill	ATF Dexron 3
Type	Multipurpose ATF
Tank Capacity	43.85 gal (166 L)
Grease Points	
Type	EP2 Grease

* Refer to manufacturer's manual.

1233AC

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Part Condition:

Part Material:

Part Color:

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