



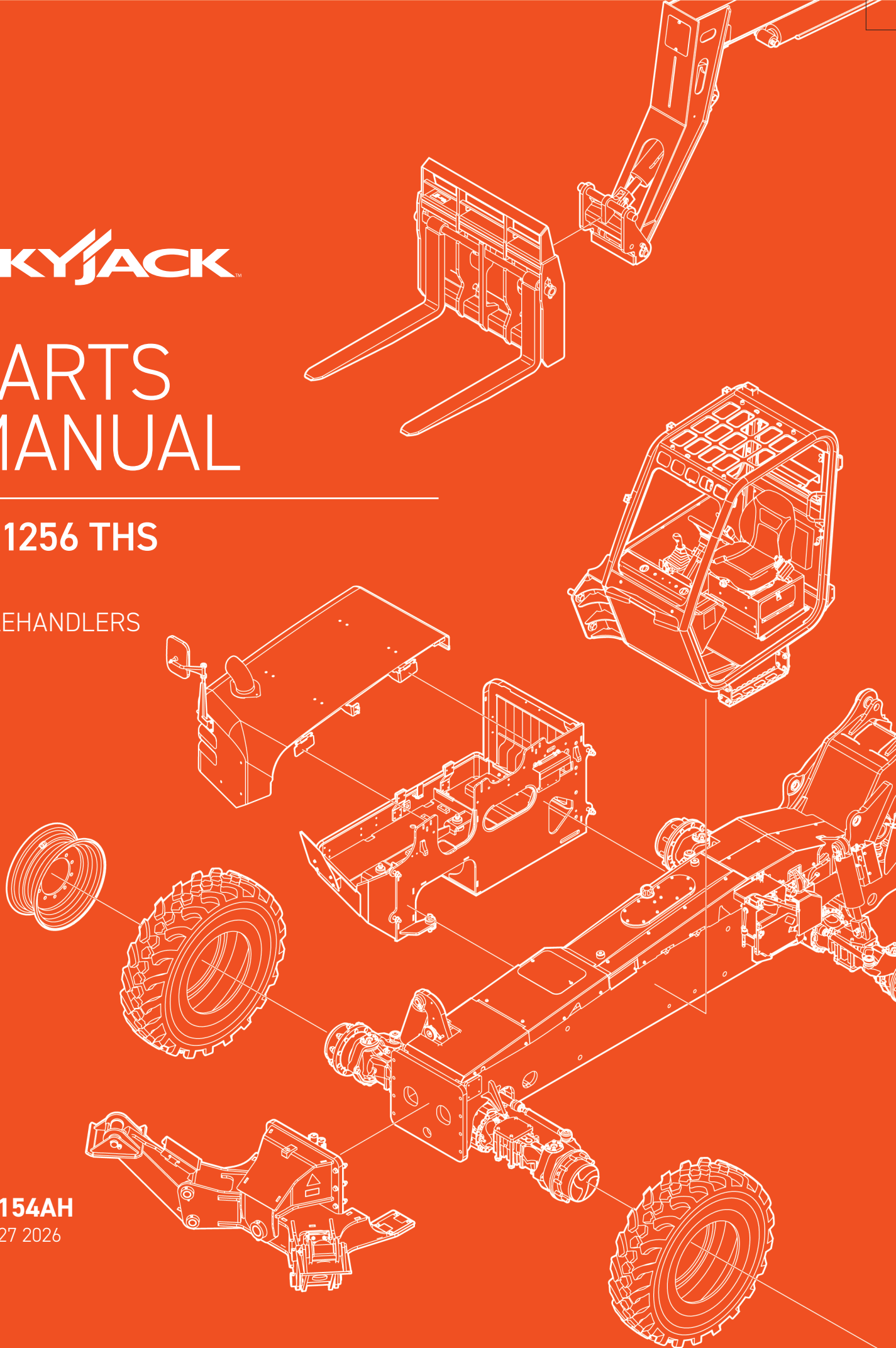
PARTS MANUAL

SJ1256 THS

TELEHANDLERS

205154AH

April 27 2026
ANSI



This manual is for telehandlers with serial numbers:

SJ1256 THS: 87 410 001 - 87 499 999

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

The original instructions are in English.

Foreword

General

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

Parts Ordering Information

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

Method of Listing

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

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

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

Example:

Main Assembly A

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

Quantities

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

How To Order Repair Parts

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

Customer: _____

Dealer: _____

Model Number: _____

Serial Number: _____

Date Purchased: _____

USE ONLY SKYJACK AUTHORIZED REPLACEMENT PARTS!

 **Notes**

Table of Contents

Foreword	3
General	3
Parts Ordering Information	3
Method of Listing	3
Quantities	3
How To Order Repair Parts	3
Recommended Service Parts	10
Section 1 – Main Frame	13
1.1 Sheet Metal	14
1.2 Frame Subgroup	16
1.3 Frame Subgroup - Dual tilt	18
1.4 Outriggers Group	20
1.5 Cowling Assembly	22
1.6 Steel Cowling	24
1.7 Fuel Tank	26
1.8 Hydraulic Tank	28
Section 2 – Axles	31
2.1 Front Axle	34
2.2 Front Axle - Internal Breakdown	36
2.3 Front Axle - Reduction Hub	38
2.4 Front Axle - Brakes	42
2.5 Front Axle - Steering	44
2.6 Front Axle - Trunion	45
2.7 Rear Axle	46
2.8 Rear Axle - Internal Breakdown	48
2.9 Rear Axle - Reduction Hub	50
2.10 Rear Axle - Brakes	54
2.11 Rear Axle - Steering	56
2.12 Rear Axle - Trunion	57
2.13 Tires and Wheels	58
2.14 Drive Shaft	60
Section 3 – Engine and Transmission	61
3.1 Engine Tray	62
3.2 Engine & Poweshift Transmission - S/N 87 410 838 and below	64
3.3 Engine Components	66
3.4 Engine & Poweshift Transmission - S/N 87 410 839 and above	68
3.5 Powershift Transmission - Housing & Case	70

3.6	Transmission - Gear Group	74
3.7	Transmission - Drive Plate, Torque Converter & Pump	76
3.8	Transmission - Forward & Reverse Group	78
3.9	Transmission - 1st, 2nd & 3rd Shaft	80
3.10	Transmission - Output Shaft & Control Group	82
3.11	Transmission - Drop Box	84
3.12	R1 & H1 Shaft Double Cone Assembly	86
3.13	Pump & Limit Switch Assembly	88
3.14	Fuel Lines	90
3.15	Air Intake System	92
3.16	Exhaust Aftertreatment System	94
3.17	DEF Lines	98
3.18	Cooling Package Style A - S/N 87 410 201 and below	100
3.19	Cooler - Internal Breakdown - S/N 87 410 201 and below	102
3.20	Cooling Package Style B - S/N 87 410 202 and above	104
3.21	Cooler - Internal Breakdown - S/N 87 410 202 and above	106
3.22	Powershift Transmission Hydraulic Pump	108
Section 4 – Operator's Compartment		111
4.1	Cab Installation	112
4.2	Open Cab	114
4.3	Open Cab Side Window	120
4.4	Right Hand Console	122
4.5	Joystick Control	124
4.6	Premium Joystick	126
4.7	Front Console	128
4.8	LH Dash Panel	130
4.9	Engine Display	131
4.10	Flip Chart	132
4.11	RH Dash Panel	134
4.12	Steering Console	136
4.13	Main Relay	138
4.14	Fuse and Power	140
4.15	Relay RH	141
4.16	Enclosed Cab	142
4.17	Door Assembly	146
4.18	Cab Heater System	148
4.19	Cab A/C System	150
4.20	A/C Compressor	152
4.21	A/C Condenser	154
4.22	A/C Harness	155
4.23	A/C and Heater Harness	156

Section 5 – Electrical	159
5.1 Chassis Harness	160
5.2 Engine Harness - S/N 87 410 838 and below	162
5.3 Engine Harness - S/N 87 410 839 and above	166
5.4 Console Harness	170
5.5 DEF Engine Harness	174
5.6 Low Fuel Pressure Harness	176
5.7 Alternator Cable Harness	177
5.8 Glow Plug Harness	178
5.9 Battery	180
5.10 Battery Disconnect	181
5.11 Battery Cables	182
5.12 Tilt Sensor	183
Section 6 – Boom	185
6.1 Boom Installation - S/N 87 410 637 and below	186
6.2 Boom Installation - Dual Tilt - S/N 87 410 638 and above	188
6.3 Boom Assembly	190
6.4 First Boom Section	192
6.5 Second Boom Section	196
6.6 Third Boom Section	200
6.7 Fourth Boom Section	202
6.8 Cable Carrier	204
6.9 Auxiliary Hydraulics	206
Section 7 – Cylinders	209
7.1 Extend Cylinder Components	210
7.2 Lift Cylinder Components	212
7.3 Fork Tilt Cylinder Components	214
7.4 Tilt Compensation Cylinder	216
7.5 Frame Level Cylinder Components	218
7.6 Outriggers Cylinder Assembly	220
7.7 RAS Cylinder Components	222
Section 8 – Hydraulics	223
8.1 Standard Hose Numbering System	224
8.2 Main Manifold Installation	226
8.3 Main Manifold Assembly	228
8.4 Manifold Components	232
8.5 Hydraulic Return Filter	238
8.6 Pressure Filter	240
8.7 Outriggers Manifold	242
8.8 Boom & Telescopic Hydraulic Hoses	244
8.9 Carriage Hydraulic Hoses	246

8.10	Carriage Hydraulic Hoses - Dual Tilt	248
8.11	Frame Level Hydraulic Hoses	250
8.12	Brakes & Steering Hydraulic Hoses	252
8.13	Hydraulic Pump Hoses	254
8.14	Hydraulic Pump Hoses - Pressure Filter	256
8.15	Cab Hydraulic Hoses	258
8.16	RAS Cylinder Hydraulic Hoses	260
8.17	Auxiliary Hydraulic Hoses	262
8.18	Outriggers Hydraulic Hoses	264
8.19	Auxiliary Manifold	266
Section 9 – Standard and Optional Attachments		269
9.1	Quick-Attach Carrier / Carriage & Forks	270
9.2	Quick-Attach Carrier / Carriage & Forks (Skyjack)	272
9.3	Side-Tilt Carriage	274
9.4	Side-Tilt Carriage Installation (Skyjack)	276
9.5	48", 60" & 72" Side Tilt Carriage - Internal Breakdown	278
9.6	72" Swing Carriage Installation	280
9.7	72" Swing Carriage Components	282
9.8	Forks Positioner Carriage	284
9.9	Truss Boom 12' and 15'	286
9.10	Loader Bucket	287
9.11	2' Jib Boom	288
Section 10 – Factory Options		289
10.1	Boom Lights	290
10.2	Boom Lights Harness	292
10.3	Work Lights	294
10.4	Work Lights Harness	296
10.5	Road Lights	298
10.6	Road Lights Harness	300
10.7	Oil Quick Drain	301
10.8	Air Intake Shut Off	302
10.9	Air Intake Shut Off Harness	304
10.10	Remote Axle Grease	306
10.11	Reserve Brake	308
10.12	Cold Weather Package	310
10.13	4 Wheel Fender	312
10.14	Beacon Light Assembly	314
10.15	Pintle Hook	316
10.16	Fire Extinguisher	317
10.17	Backup Camera and Sensor	318
10.18	Back up Sensor	320

10.19	Elevate Telematic	322
10.20	Elevate Telematics Harness	324
Section 11 – Labels		327
11.1	Model Specific	328
11.2	Pictorial Group Labels	330
11.3	Cab Labels	334
11.4	Load Charts	336
Section 12 – Tables		337
12.1	Recommended Fluids	338

Recommended Service Parts

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

Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Seal Kit-Outrigger Cylinder	1	1	1	213506
Boom				
Wear Pad	-	2	2	191266
Wear Pad	2	4	6	191267
Wear Pad	2	2	2	191268
Wear Pad	2	2	2	191269
Wear Pad	2	2	2	191270
Wear Pad	2	2	2	204355

 **Notes**

Section 1 – Main Frame

1.1 *Sheet Metal*

1.2 *Frame Subgroup*

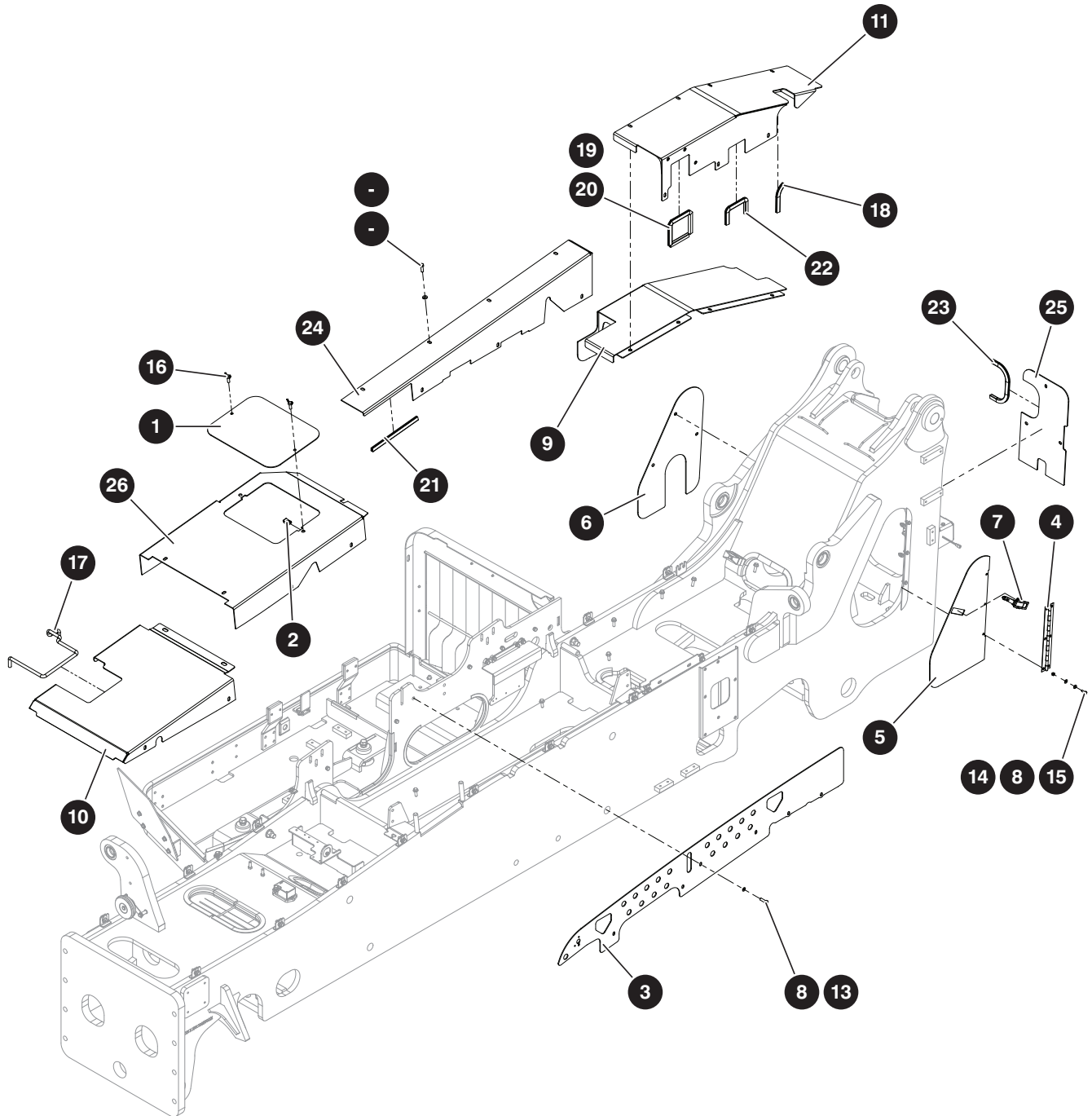
1.4 *Outriggers Group*

1.5 *Cowling Assembly*

1.7 *Fuel Tank*

1.8 *Hydraulic Tank*

1.1 Sheet Metal



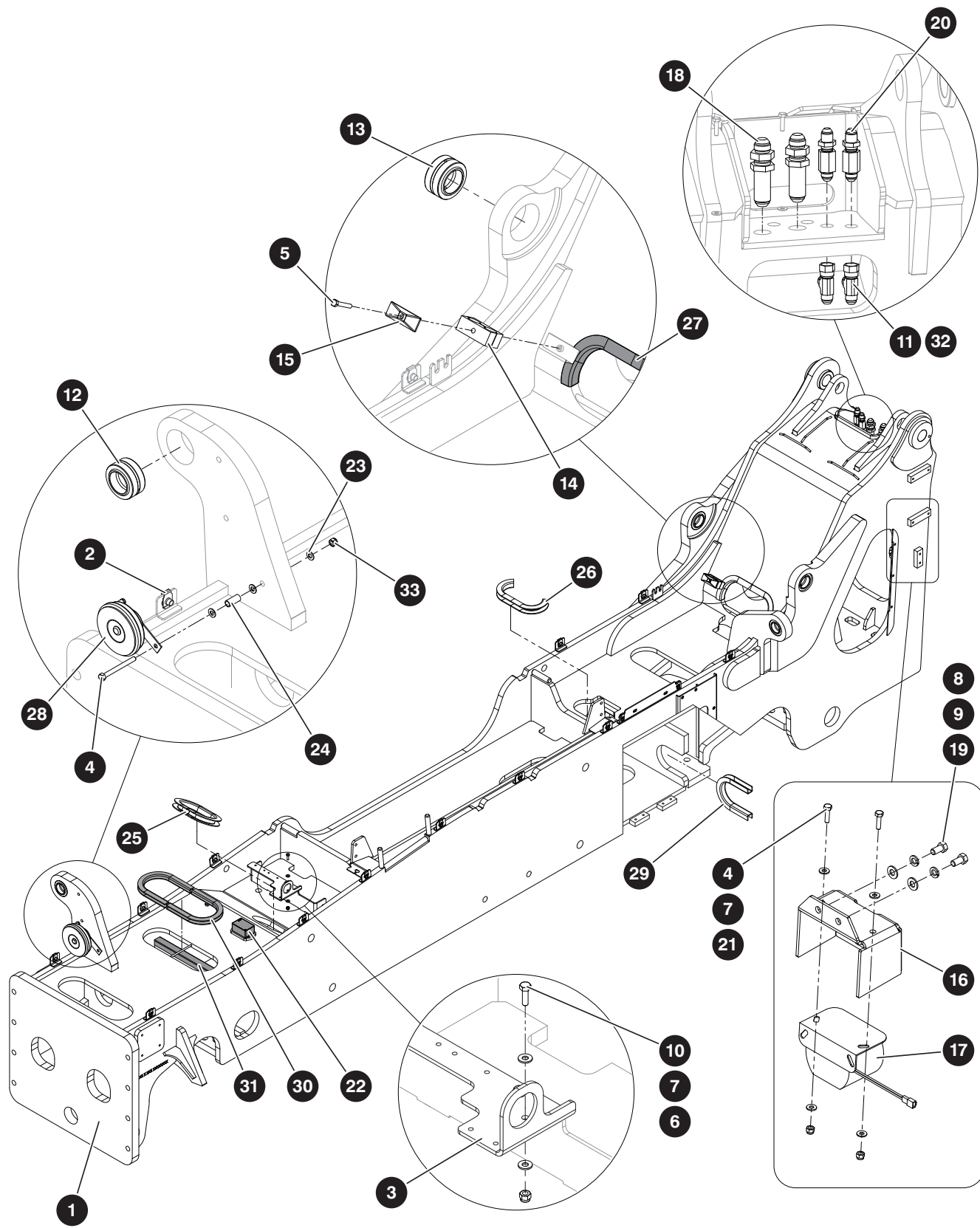
M205131AB

205154AH

1.1 Sheet Metal

Index No.	Skyjack Part No.	Qty.	Description
-	205131	1	SHEET METAL
1	191389	1	• COVER, Battery access
2	159294	4	• NUT, Speed clip 3/8"-16
3	235181	1	• COVER, TH Engine tray
4	137016	1	• HINGE, Instrumentation panel
5	191397	1	• COVER, TH LH side
6	191398	1	• COVER, TH RH side
7	191416	1	• LATCH, TH covers
8	103995	12	• WASHER, Flat 1/4"
9	205727	1	• COVER, Top rear RH 1256
10	191429	1	• COVER, Top front first 1044/1056
11	205726	1	• COVER, Top rear LH 1256
12	125959	37	• WASHER, Flat 3/8" hard
13	101297	37	• BOLT, Hex Head 3/8"-16 x 1-1/4" Gr. 5
14	103856	6	• BOLT, Hex Head 1/4"-20 x 3/4" Gr. 5
15	103980	6	• NUT, Hex 1/4"-28 Gr. 5
16	152535	2	• SCREW, Wing, 3/8"UNC x 1"
17	117398	32	• PROTECTIVE TRIM
18	117398	5	• PROTECTIVE TRIM
19	117398	4	• PROTECTIVE TRIM
20	117398	12	• PROTECTIVE TRIM
21	117398	9	• PROTECTIVE TRIM
22	117398	10	• PROTECTIVE TRIM
23	117398	12	• PROTECTIVE TRIM
24	205133	1	• COVER, TH Top side
25	205134	1	• COVER, SJ1256TH Rear
26	205132	1	• COVER, Top front second 1256

1.2 Frame Subgroup



M205096AB

205154AH

16

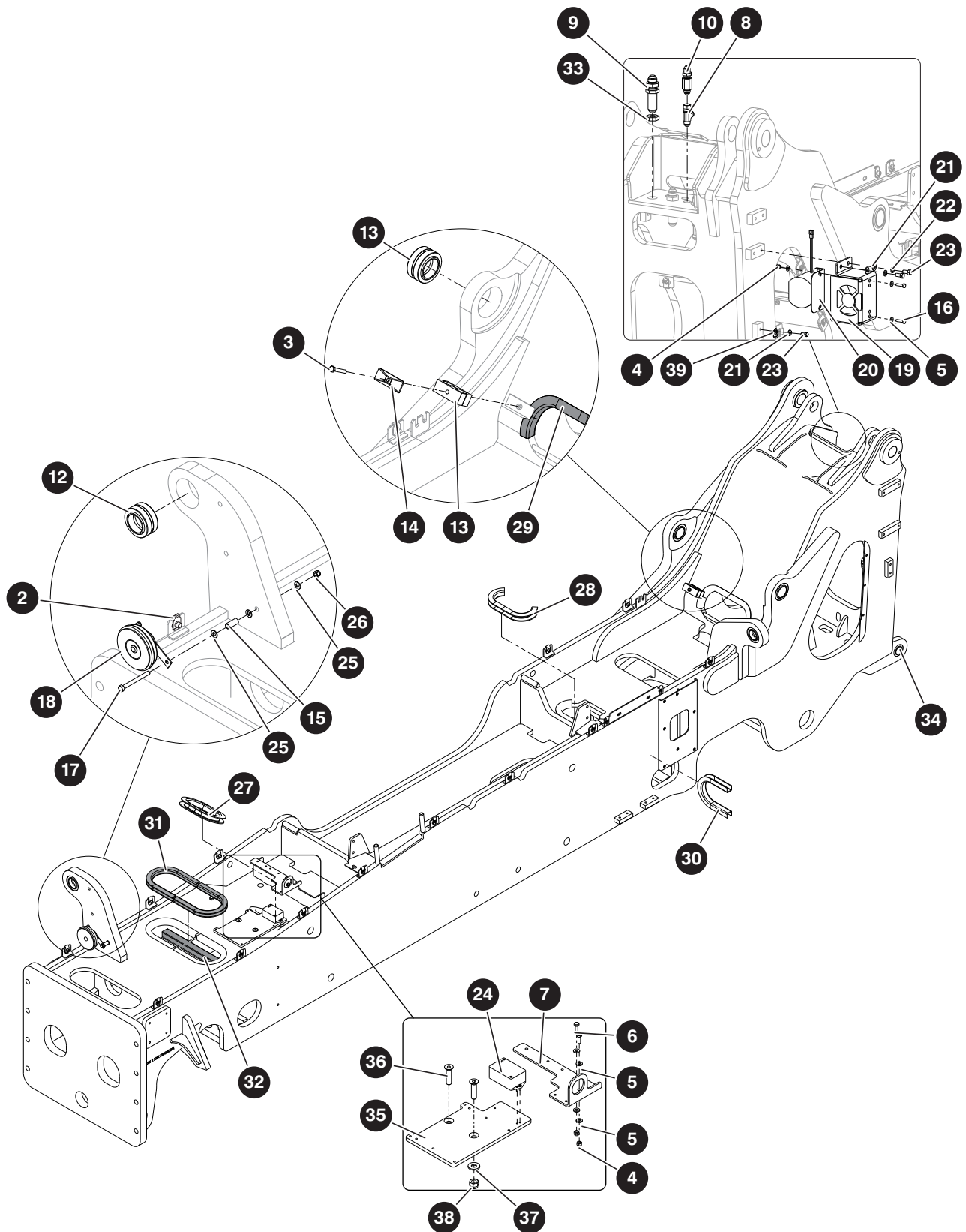
SJ1256 THS

SKYJACK

1.2 Frame Subgroup

Index No.	Skyjack Part No.	Qty.	Description
-	205096		FRAME, SJ1256 TH
1	205006	1	• FRAME, SJ1256 TH
2	159294	21	• NUT, Speed clip 3/8"-16
3	190688	1	• BULKHEAD, Electrical
4	122006	1	• BOLT, Hex head 5/16"-18 x 3-1/4" Gr. 5
5	103865	1	• BOLT, Hex head 5/16"-18 x 2 Gr. 5
6	115649	4	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
7	103995	8	• WASHER, Flat 1/4"
8	103999	2	• WASHER, Lock 3/8"
9	101632	2	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5
10	103891	2	• BOLT, Hex head 1/4"-20 x 7/8" Gr. 5
11	106170	2	• FITTING, Tee swivel - 8 JIC
12	920767	3	• BEARING, Spherical
13	230942	2	• BEARING, Free maintenance
14	190410	1	• CLAMP, Body 428/28PP
15	190217	1	• PLATE, Cover 4D
16	191489	1	• COVER, Back-up alarm
17	921172	1	• ALARM, Back-up rework
18	197689	2	• FITTING, Bulkhead straight (12 JICM - 12 JICM) long
19	125959	2	• WASHER, Flat 3/8" hard
20	197686	2	• FITTING, (08 JIC - 08 JIC) long
21	103857	2	• BOLT, Hex head 1/4"-20 x 1 Gr. 5
22	206088	1	• ASSEMBLY, Tilt sensor (For components, refer to Section 5.12)
23	103996	3	• WASHER, Flat 5/16"
24	133598	1	• SPACER, 3/8" X 1 1/8"
25	162053	19.25	• PROTECTIVE TRIM, 3/4"
26	162053	13	• PROTECTIVE TRIM, 3/4"
27	162053	18	• PROTECTIVE TRIM, 3/4"
28	923025	1	• HORN, Electric 12V
29	197544	30	• PROTECTIVE TRIM, 3/4" to 1"
30	162053	30"	• PROTECTIVE TRIM, 1/2" to 5/8"
31	196544	20	• PROTECTIVE TRIM, 1/2" to 5/8"
32	198511	2	• NUT, Bulkhead - 12
33	103984	1	• NUT, Lock with nylon insert 5/16"-18 Gr. 5

1.3 Frame Subgroup - Dual tilt



M235302AD

205154AH

18

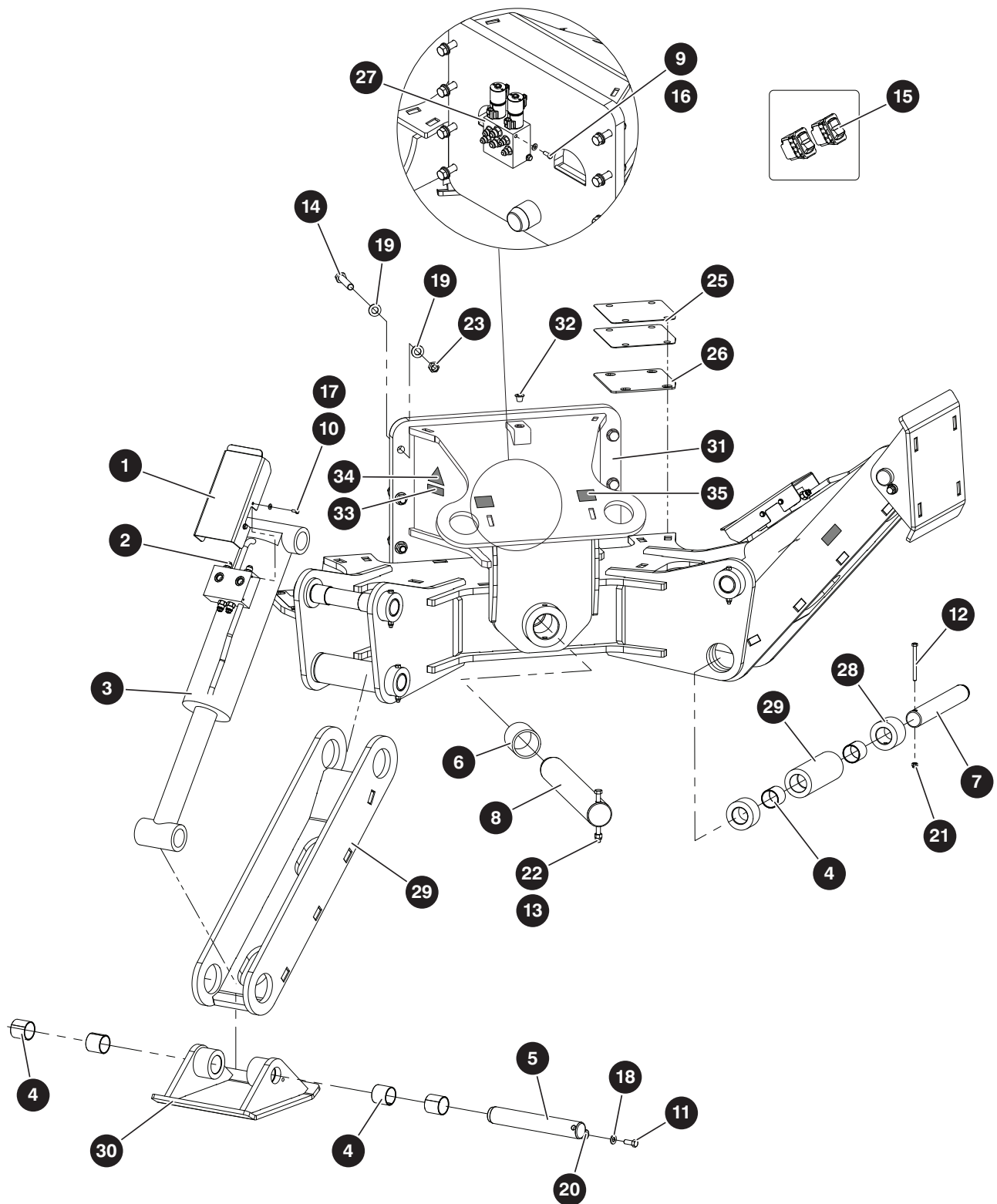
SJ1256 THS

SKYJACK

1.3 Frame Subgroup - Dual tilt

Index No.	Skyjack Part No.	Qty.	Description
1	235303	1	WELDMENT, FRAME 12K
2	159294	21	NUT, SPEED CLIP 0.375-16
3	103865	1	BOLT-HEX HD/ZINC (.31-18 X 2.00 / GR5)
4	115649	4	NUT, LOCK 0.250-20 GR5 - NYL
5	103995	8	WASHER, FLAT 0.250
6	103891	2	BOLT, HXHD 0.25-20 X 0.875 GR5
7	190688	1	BULKHEAD, ELECTRICAL
8	106170	2	FTG, TEE SWIVEL -8 JIC
9	197689	2	BKHD FTG, STR 12JIC-12JIC LONG
10	197686	2	BKHD FTG, STR 8JIC-8JIC LONG
12	920767	2	BEARING, SPHERICAL
13	230942	2	"BEARING, SPHERICAL MAINTENANCE FREE 2.00"
13	190410	1	CLAMP, BODY 428/28PP
14	190217	1	PLATE, COVER 4D
15	133598	1	ROLLED SPACER FOR 3/8" BOLT 1 1/8" LG
16	103857	2	BOLT-HEX HD/ZINC (.25-20 X 1.00 / GR5)
17	122006	1	BOLT, HXHD 0.312-18 X 3.250 GR5
18	923025	1	HORN ELECTRIC 12V
19	235250	1	BRACKET, BACK-UP ALARM
20	921172	1	BACK UP ALARM REWORK
21	125959	3	WASHER FLAT 0.375 HARD
22	103999	2	WASHER, LOCK 0.375
23	101632	3	BOLT-HEX HD/ZINC (.38-16 X 0.75 / GR5)
24	206088	1	TILT SENSOR, ASSEMBLY
25	103996	3	Washer Flat 0.312
26	103984	1	NUT, LOCK 0.313-18 GR5 - NYL
27	162053	19.25	PROTECTIVE TRIM, 3/4"
28	162053	13	PROTECTIVE TRIM - 3/4"
29	162053	18	PROTECTIVE TRIM - 3/4"
30	197544	30	PROTECTIVE TRIM 1"
31	162053	35	PROTECTIVE TRIM, 3/4"
32	197544	20	PROTECTIVE TRIM, 1"
33	198511	2	BULKHEAD NUT -12
34	235239	2	BEARING, SPHERICAL MAINT-FREE DIA 1.375
35	230416	1	PLATE, ECU MOUNTING 12K
36	235306	2	SCREW, FHCS 0.500-13 x 2.00 ZC
37	104379	2	Washer Flat 0.500 Hard
38	702507	2	NUT, LOCK 0.500-13 GrC - NYL
39	102929	1	CLIP, Single G10

1.4 Outriggers Group

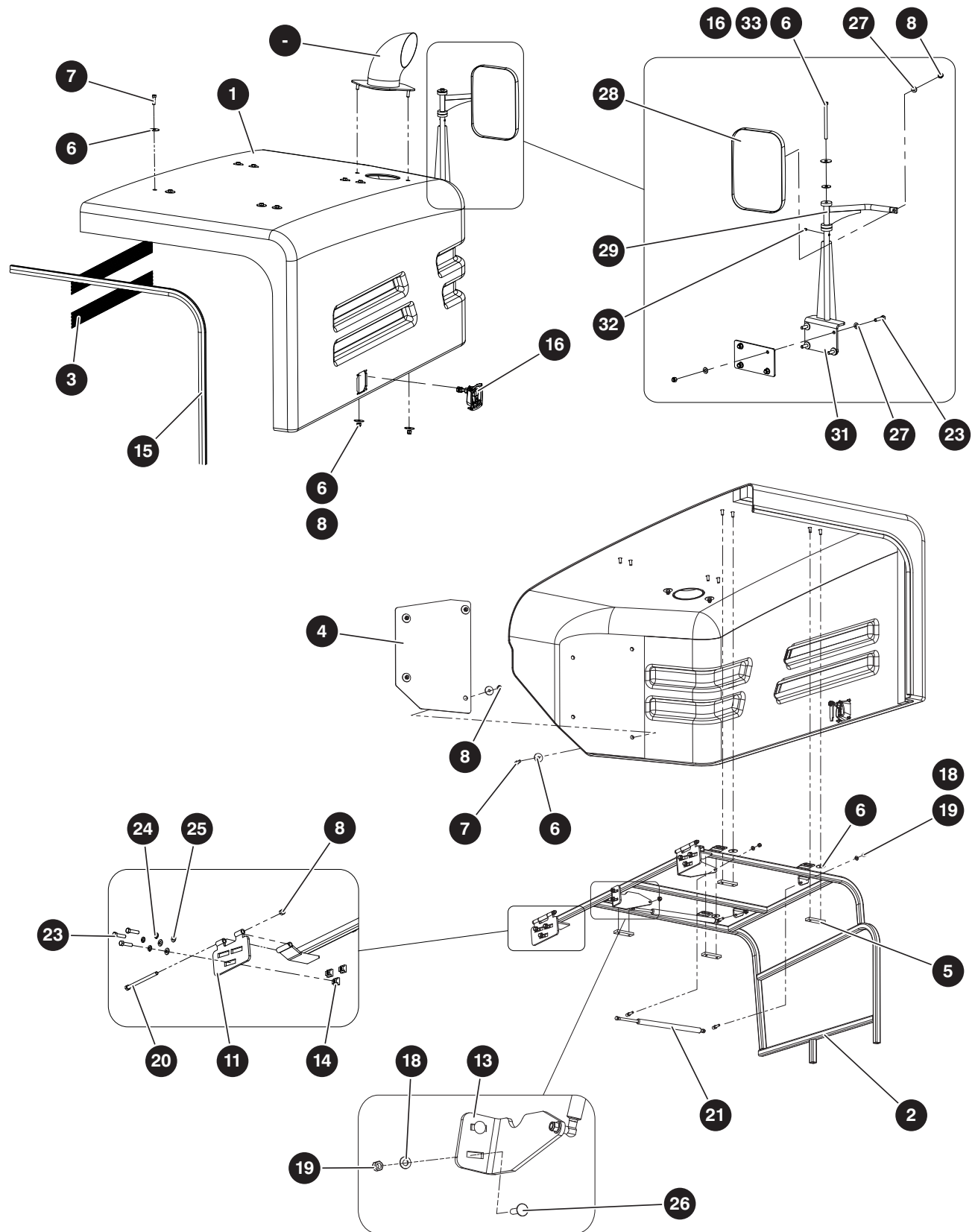


M205203AD

1.4 Outriggers Group

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

1.5 Cowling Assembly

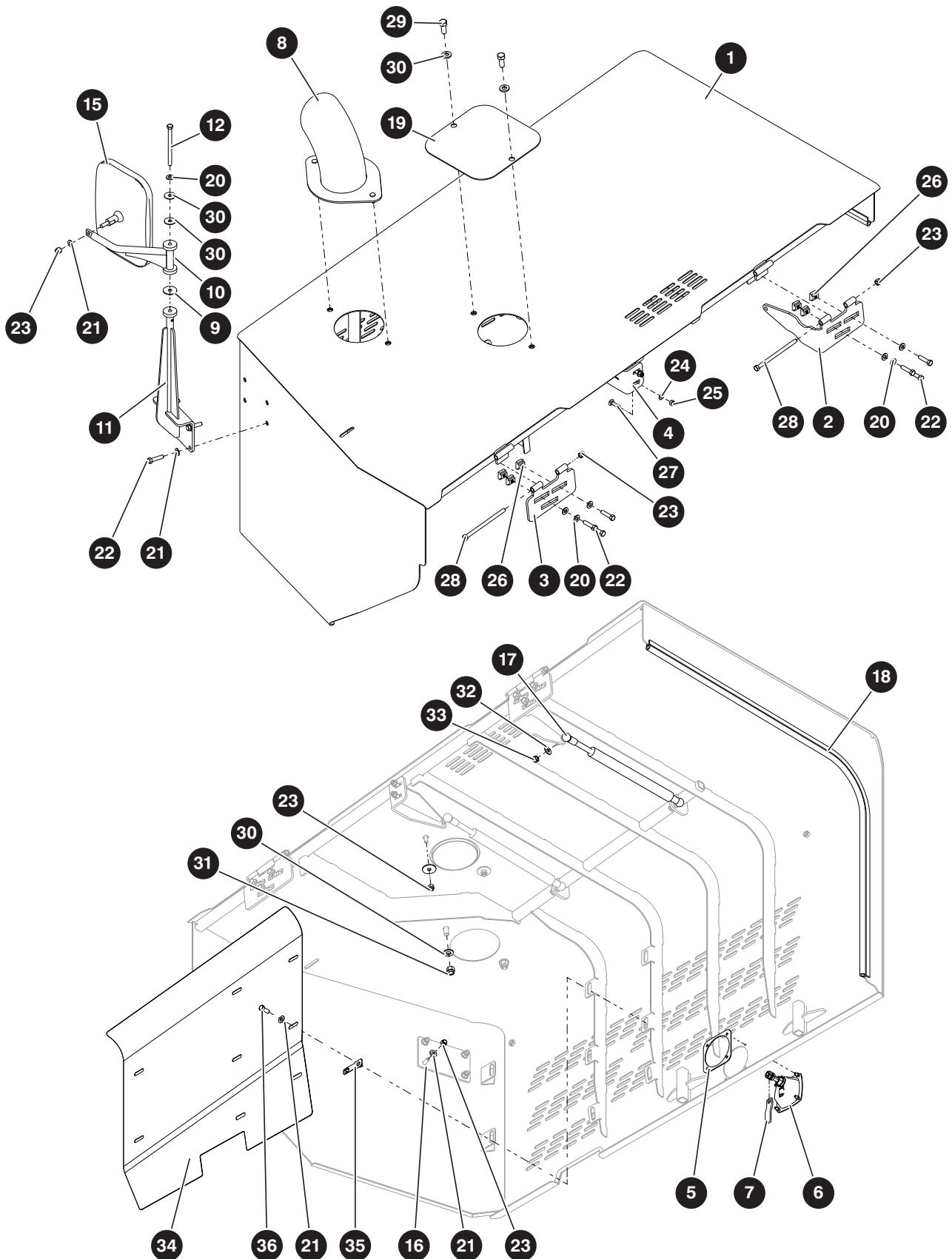


M190664AE

1.5 Cowling Assembly

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

1.6 Steel Cowling



M232395AC

205154AH

24

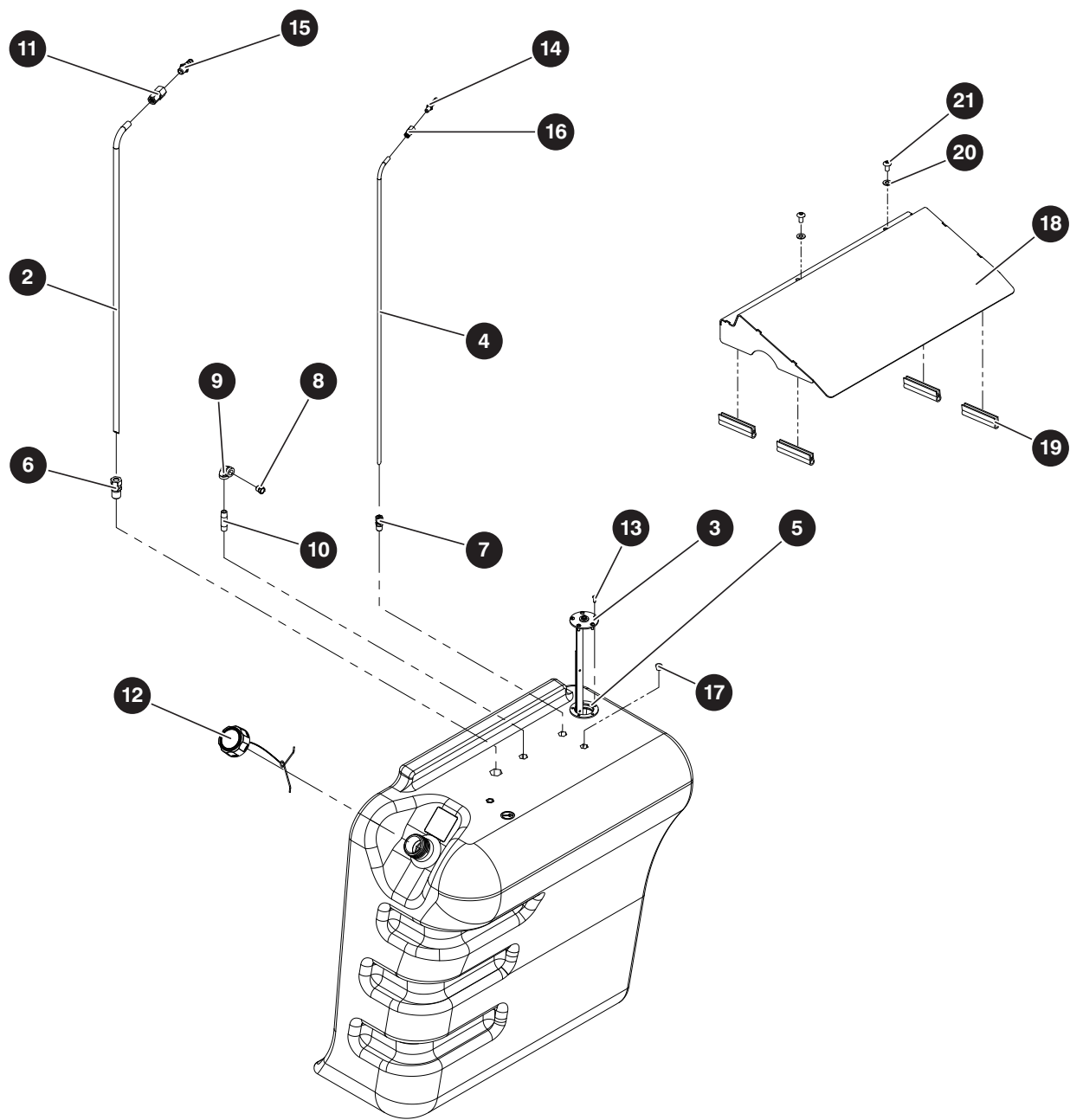
SJ1256 THS

SKYJACK

1.6 Steel Cowling

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	<i>For serial number 87410605 and above</i>
-	232395	1	STEEL COWLING
1	232399	1	COWLING WELDMENT
2	235067	1	WELDMENT, HINGE COWLING RH
3	190615	1	WELDMENT, HINGE COWLING LH
4	235076	1	WELDMENT, HINGE COWLING LH
5	190557	1	PLATE, COWLING LATCH
6	190462	1	LATCH, COMPRESSION
7	235072	1	PLATE, LATCH
8	190612	1	STACK WLDT, EXHAUST
9	191892	2	WASHER, PLASTIC 3/8" X 1 1/4"
10	191890	1	WELDMENT, MIRROR ROTATION
11	191889	1	WELDMENT, MIRROR BASE
12	163510	1	BOLT, HXHD 0.375-16 X 5.000 GR5
13	127067	3	WASHER, FLAT 0.375 STYLE BB
14	117691	2	SET SCREW (HEX SOCKET) 1/4-20 X 1/4
15	931379	1	MIRROR ASSEMBLY
16	235077	1	PLATE, BACKING
17	248036	2	GAS SPRING, TH STEEL COWLING
18	149357	60	SEAL - BULB (0.090-0.12 GRIP)
19	235054	1	PLATE, TOP COVER - COWLING
20	125959	7	WASHER FLAT 0.375 HARD
21	103472	17	WASHER FLAT 0.375
22	103870	10	BOLT, HXHD 0.375-16 X 1.500 GR5
23	104606	9	NUT, LOCK 0.375-16 GR5 - NYL
24	103996	2	Washer Flat 0.312
25	103984	2	NUT, LOCK 0.313-18 GR5 - NYL
26	190609	6	NUT, 1/2 T-SLOT 3/8-16
27	106049	2	"BOLT, CARRIAGE BOLT 0.313-18 x 1.25 GRD 5"
28	138736	2	BOLT, HXHD 0.375-16 X 6.000 GR5
29	103909	2	BOLT, HXHD 0.50-13 X 1.250 GR5
30	104379	4	Washer Flat 0.500 Hard
31	702507	2	NUT, LOCK 0.500-13 GrC - NYL
32	600572	4	"WASHER, FLAT M10 HARDENED DIN 125 (600572)"
33	223165	4	"NUT HEX NYLON LOCK M10 X 1.5 CL 8 ZP"
34	235074	1	HEAT SHEILD, TH COWLING
35	159294	8	NUT, SPEED CLIP 0.375-16
36	300437	8	BOLT, HXHD 0.375-16 X 0.875 GR5

1.7 Fuel Tank

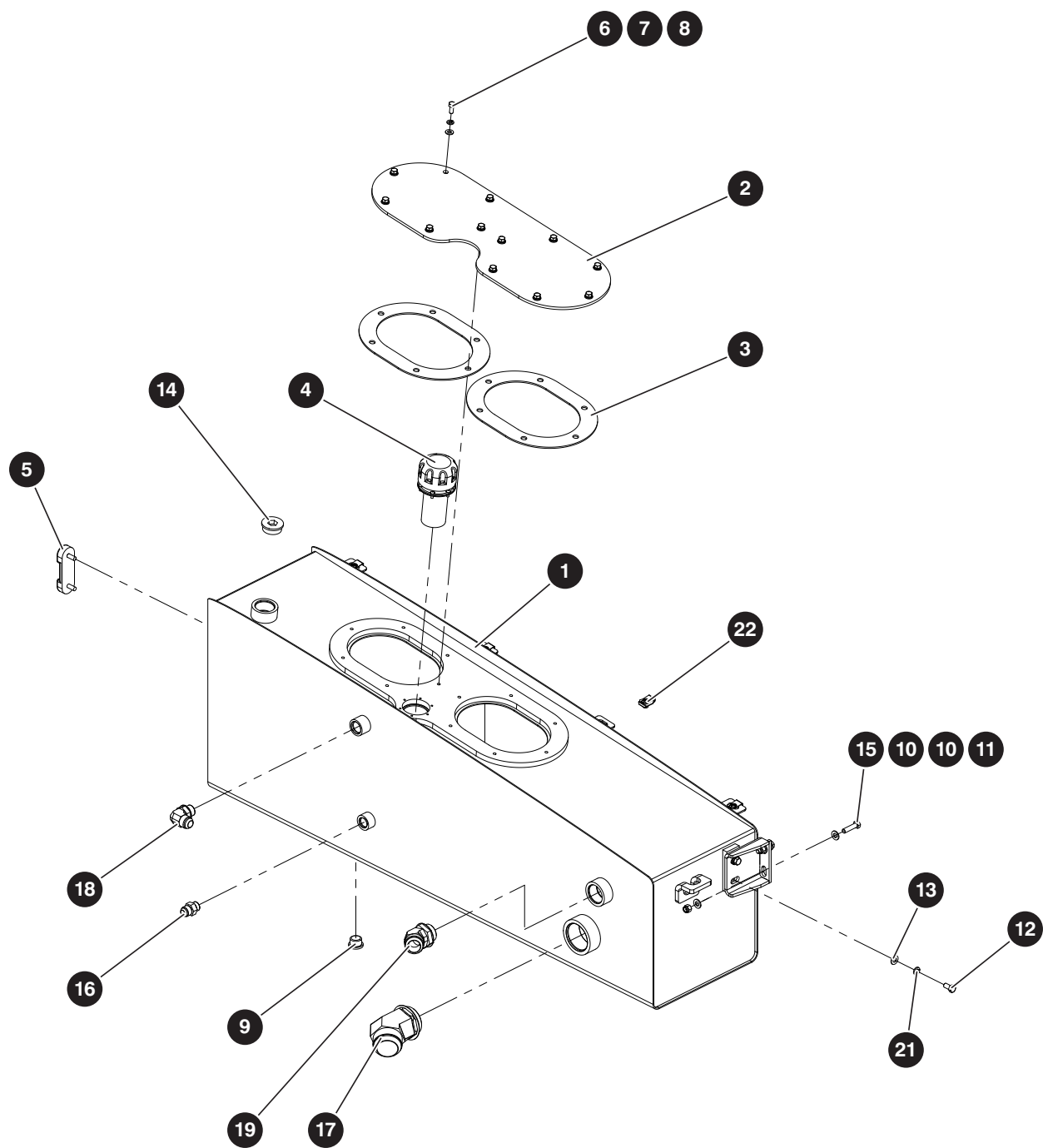


M191247AF

1.7 Fuel Tank

Index No.	Skyjack Part No.	Qty.	Description
-	191247	1	FUEL TANK SUBGROUP
-	256447	1	• ASSEMBLY, TH FUEL TANK
2	190604	1	• • TUBE, Diesel fuel suction
3	216696	1	• • FUEL SENDER
4	190684	1	• • TUBE, Diesel fuel return
5	191253	1	• • GASKET, Fuel tank
6	164674	1	• • FITTING, Tube compression 1/2" OD x 1/2" NPT
7	103155	1	• • FITTING, Brass tank #T68-5B, 1/4 NPT
8	116408	1	• • BREATHER, Vent 1/4 NPT
9	144325	1	• • FITTING, Fitting 90° (1/4 NPTF x 1/4 NPTF brass)
10	143478	1	• • FITTING, Fitting-nipple (1/4 NPT X 2" long brass)
11	165716	1	• • FITTING, Straight adapter (08 BT - 06 FP)
12	144410	1	• • CAP, Fuel (non epa)
13	103962	5	• • SCREW, Round head machine 10-32 x 1/2"
14	191978	1	• • FITTING, Beaded hose barb 5/16" tube
15	191977	1	• • FITTING, Beaded hose barb 1/2" tube
16	191979	1	• • FITTING, Straight adapter (05 BT - 02 FP)
17	197516	2	• PLUG, 3/8" Tapered series
-	240078	1	ASSEMBLY, FUEL TANK COVER
18	238566	1	• COVER, Fuel tank
19	149357	16	• SEAL, Bulb (0.090"-0.12 Grip)
20	103472	2	• WASHER, Flat 3/8"
21	101632	2	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5
21	101632	2	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5

1.8 Hydraulic Tank



M190489AC

1.8 Hydraulic Tank

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

 **Notes**

Section 2 – Axles

2.1 *Front Axle*

2.7 *Rear Axle*

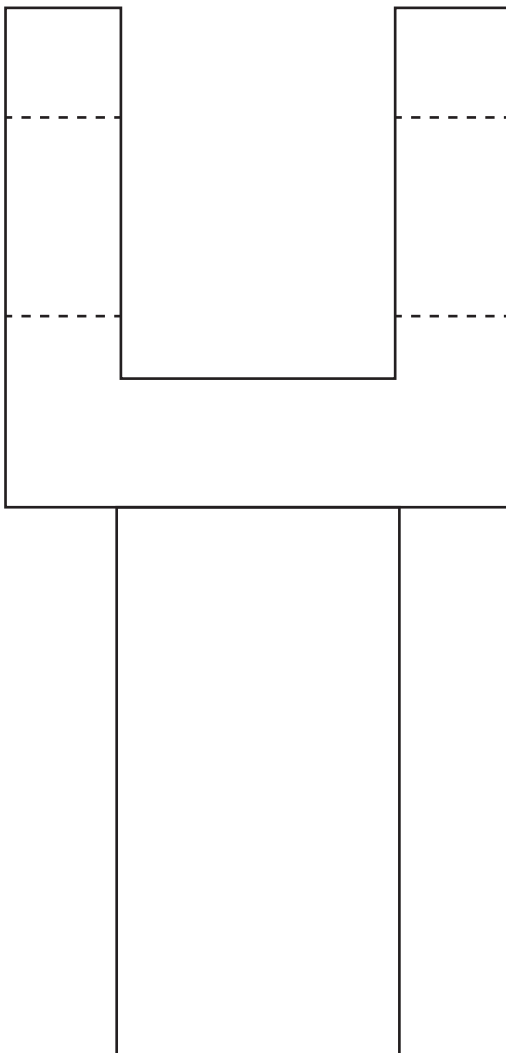
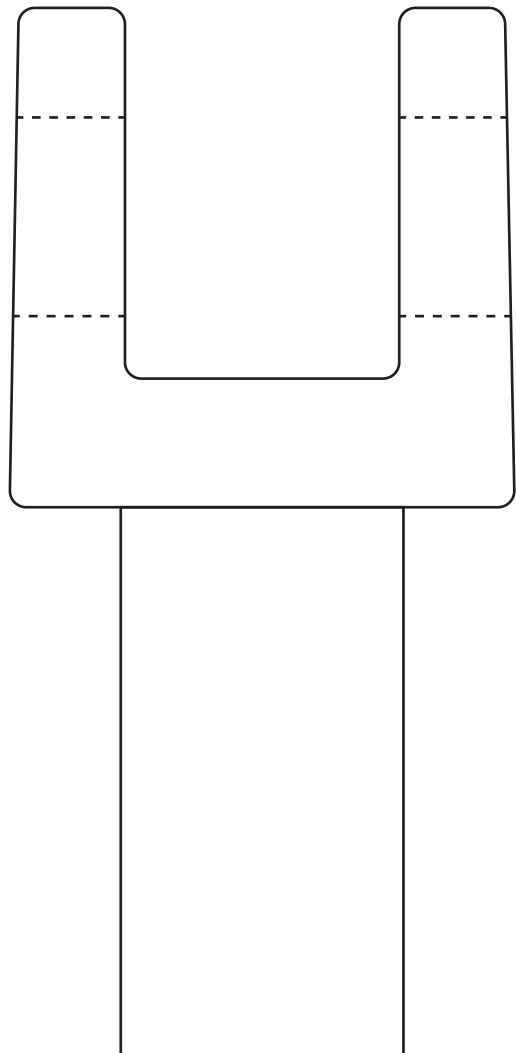
2.14 *Drive Shaft*

2.13 *Tires and Wheels*

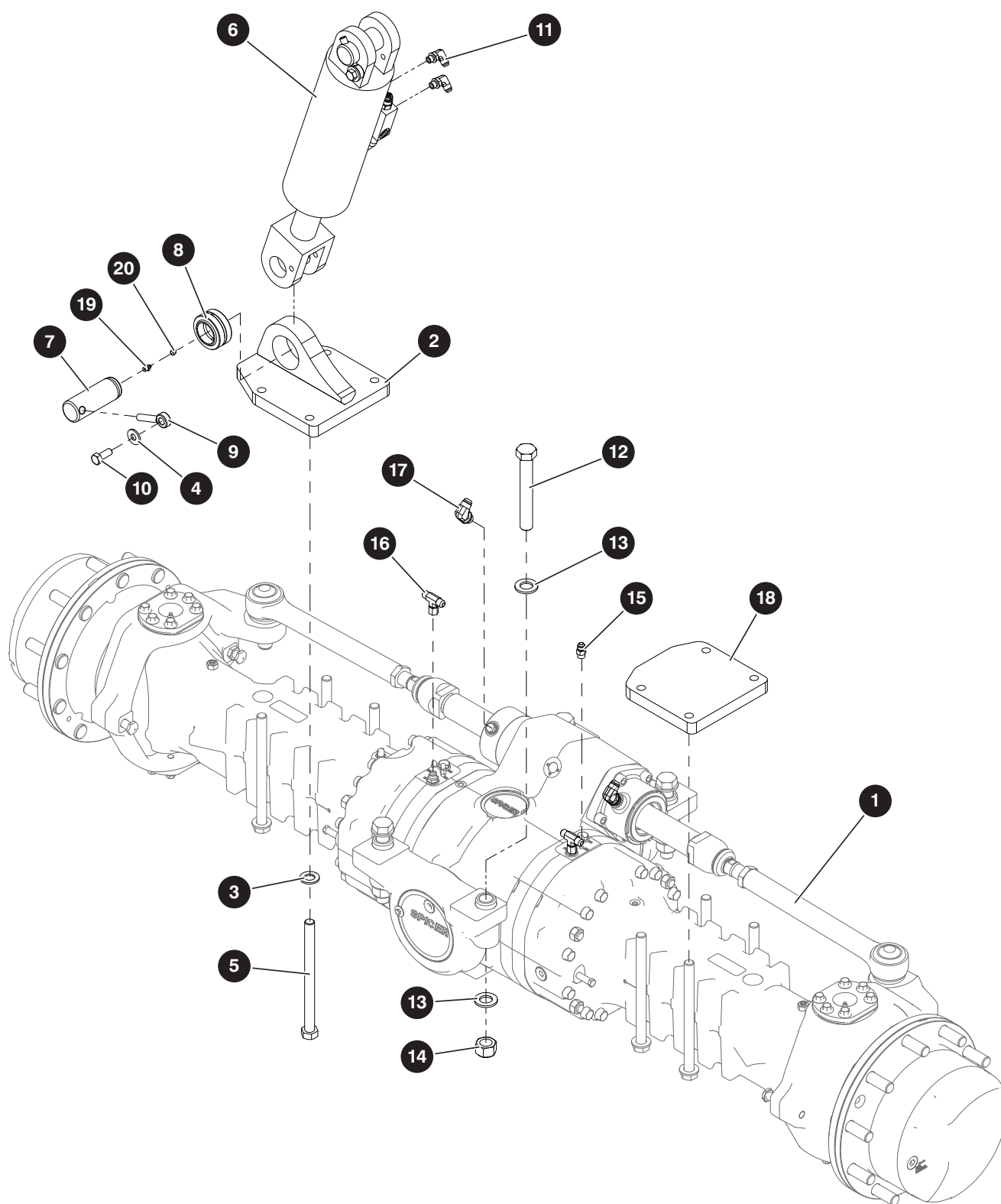
 **Notes**

**NOTE**

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

Style A Clevis**Style B Clevis**

2.1 Front Axle



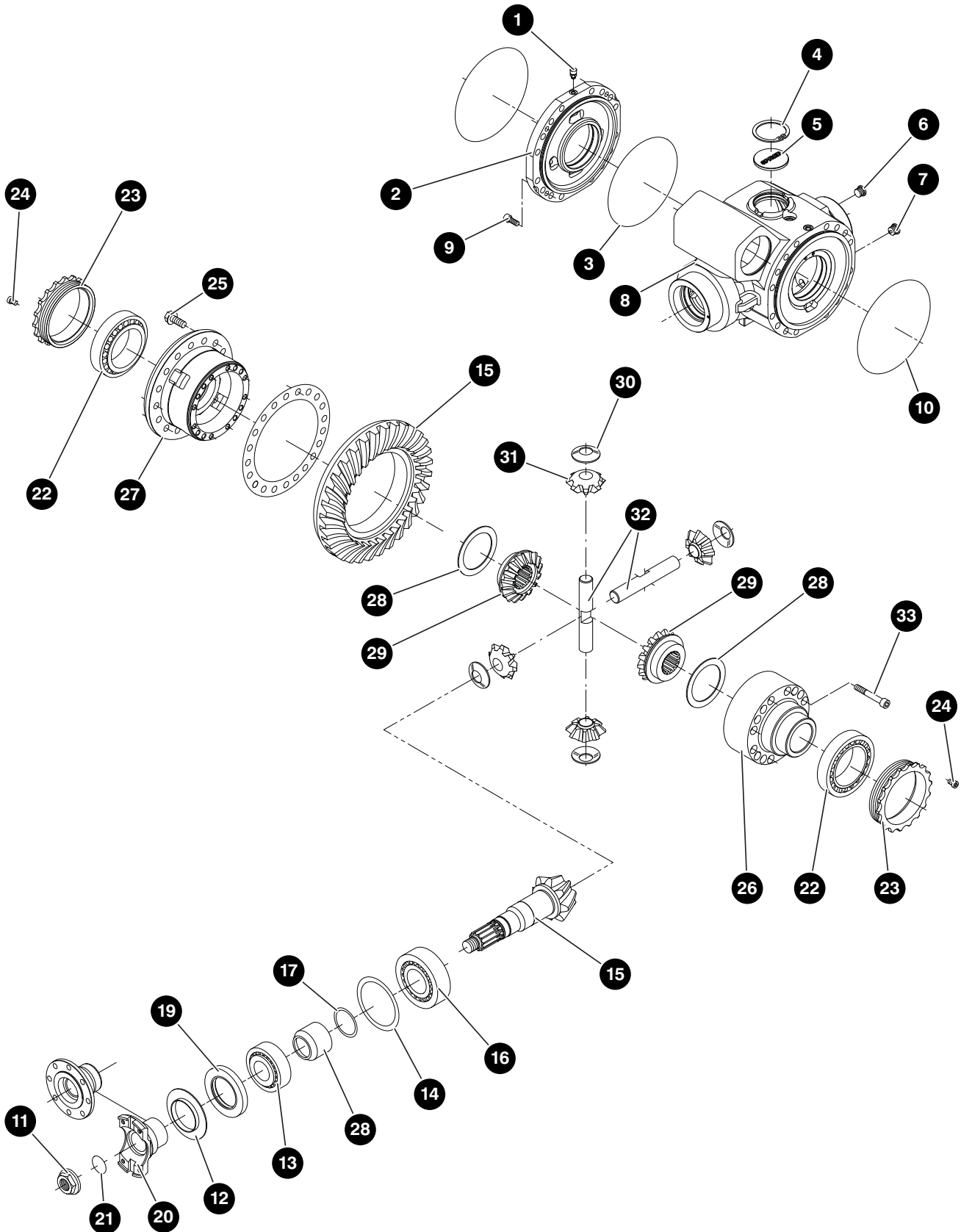
M205098AC

205154AH

2.1 Front Axle

Index No.	Skyjack Part No.	Qty.	Description
-	205098	1	FRONT AXLE SUBGROUP 1256
1	205013	1	• AXLE FRONT 223, TH 12K
	222837	1	• • TIE ROD
	223672	1	• • • NUT, LOCK
2	191084	1	• WELDMENT, 1044/1056 Frame tilt mount
3	702194	8	• WASHER, Flat 3/4" Hard high\zinc plated
4	104379	2	• WASHER Flat 1/2" Hard
5	165200	8	• BOLT, Hex Head 3/4"-10 X 10" Gr. 8
6	205063	1	• CYLINDER, Frame level 1256
7	191866	2	• PIN, 1-3/4" DIA X 4-3/4" long
8	920767	1	• BEARING, Spherical
9	191232	2	• PIN, Anchor
10	169942	2	• BOLT, Hex Head 1/2"-13 x 1-1/4" Gr. 8 zinc plated
11	114578	2	• FITTING, 90° (06 JICM - 06 ORBM)
12	190867	4	• BOLT, Hex Head M24-3x170 GR10.9 zinc plated
13	236030	8	• WASHER, Structural M24 Hard
14	190866	4	• NUT, Crownlock M24-3 Gr. 10.9 zinc plated
15	190364	4	• FITTING, Straight (06 JICM) - 14mm
16	155022	2	• FITTING, BR tee - (06 JICM - 06 JICM - 06 JICF)
17	114583	2	• FITTING, 90° (08 JICM - 08 ORBM)
18	191839	1	• PLATE, Hard stop base
19	102027	2	• FITTING, Grease fitting 1/8" NPT straight
20	132565	2	• CAP, Grease GC5

2.2 Front Axle - Internal Breakdown



M190025-1

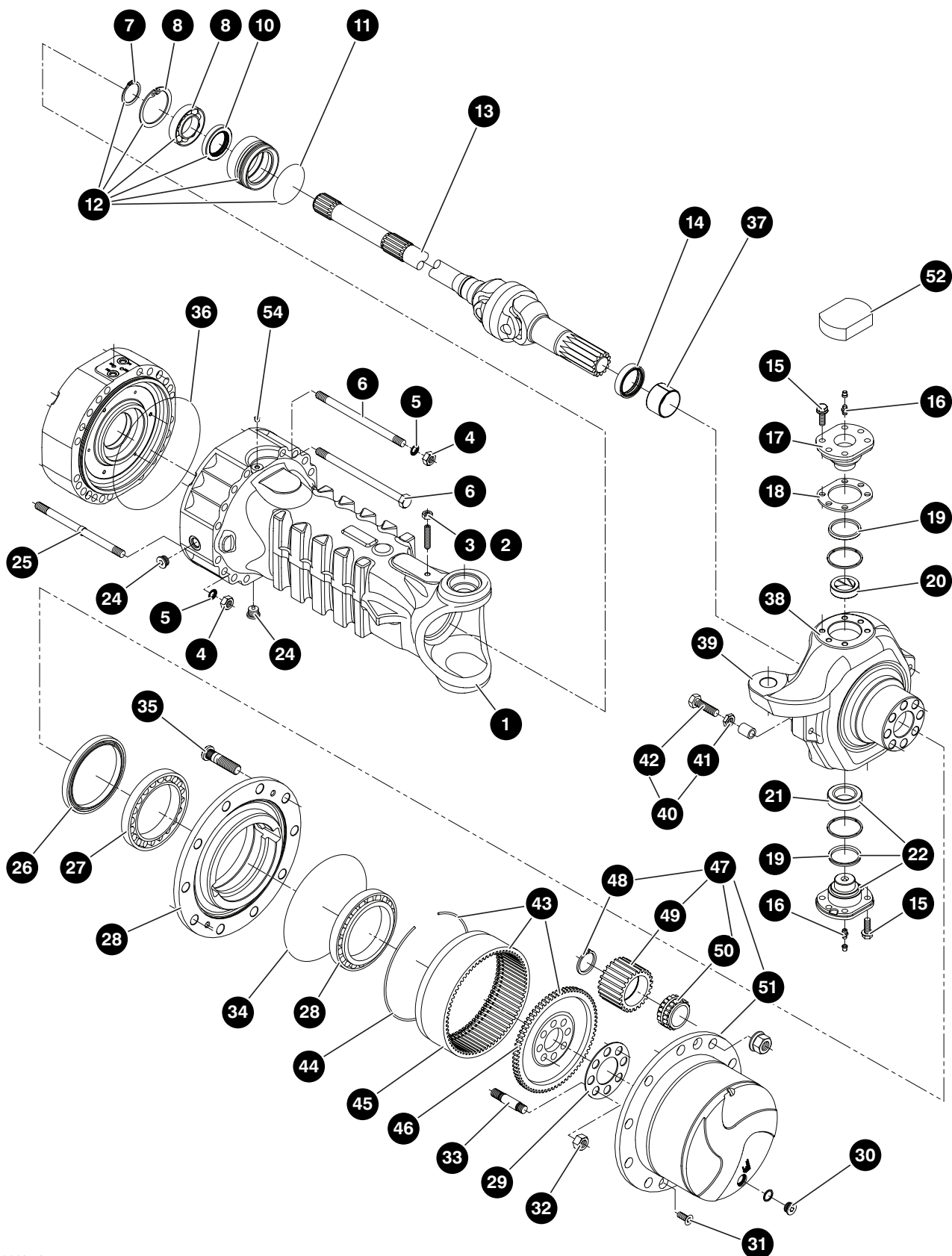
205154AH

SJ1256 THS

2.2 Front Axle - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	ASSEMBLY, FRONT AXLE 223
-	-	-	• CENTRAL HOUSING
1	141000	1	• • VENT
2	170859	1	• • COVER
3	405098	1	• • O-RING
4	140966	1	• • CIRCLIP
5	140967	1	• • PLUG
6	237822	1	• • PLUG
7	237837	1	• • MAGNET PLUG
8	196785	1	• • HOUSING
9	170860	4	• • BOLT
10	170858	2	• • O-RING
-	-	1	• DIFFERENTIAL
11	408680	1	• • NUT
12	406988	1	• • PLATE, Cover
13	168316	1	• • BEARING, Taper roller
14	168268	1	• • SHIM, Set
15	170881	1	• • BEVEL GEAR SET
16	403079	1	• • BEARING
17	249126	1	• • RING KIT
18	196803	1	• • SPACER
19	403059	1	• • SEAL
20	196825	1	• • FLANGE
21	403045	1	• • O-RING
22	196827	2	• • BEARING, Taper roller
23	168260	2	• • NUT, RING
24	151768	2	• • BOLT, Hex
25	140993	16	• • BOLT
26	196828	1	• • DIFFERENTIAL
27	196833	1	• • • DIFFERENTIAL CARRIER
28	168262	2	• • • WASHER
29	168263	2	• • • GEAR
30	249127	4	• • • WASHER
31	168266	4	• • • PINION
32	168264	2	• • • PIN
33	168261	15	• • • BOLT

2.3 Front Axle - Reduction Hub

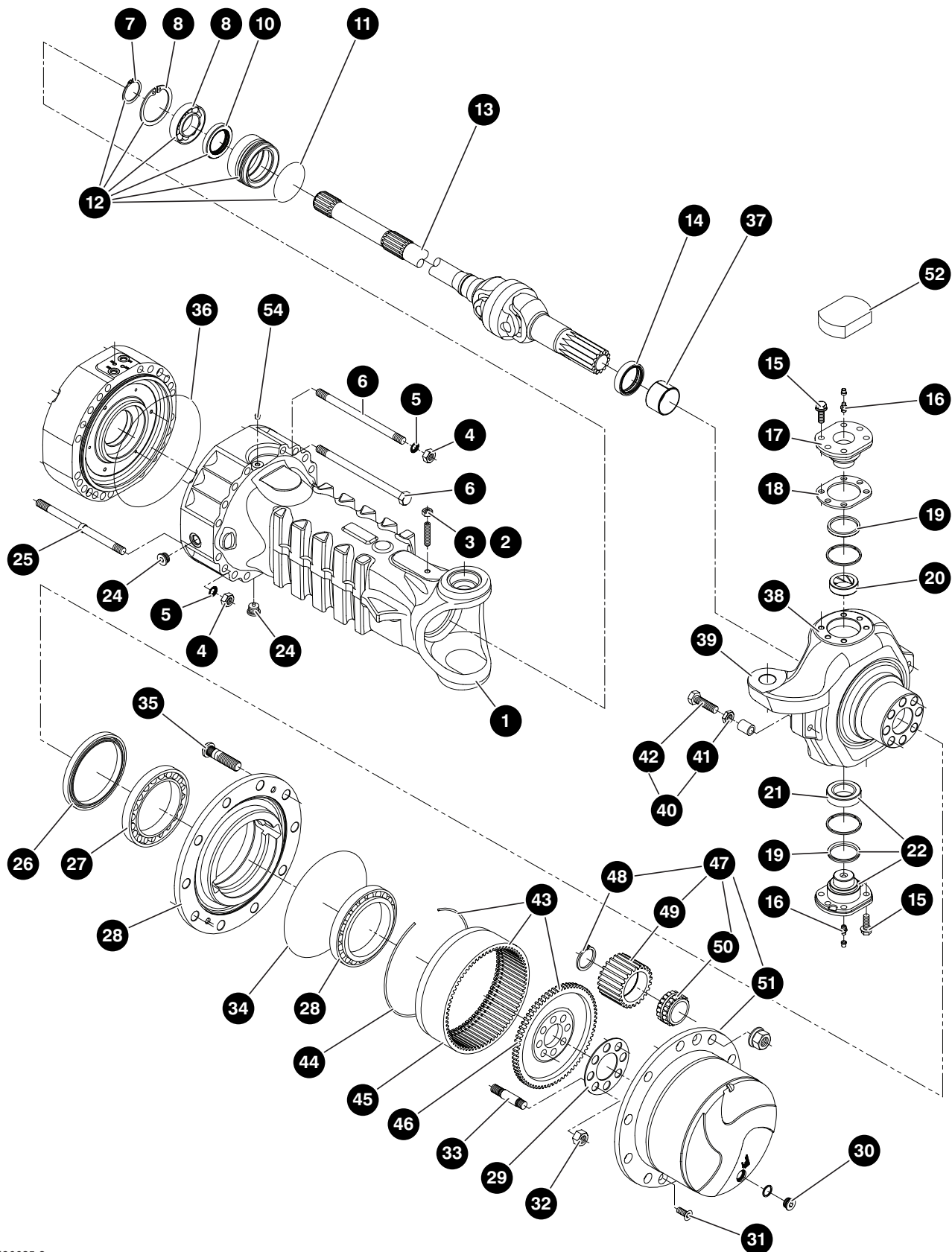


M190025-2

2.3 Front Axle - Reduction Hub

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	HUB REDUCTION
1	196867	2	• AXLE CASE
2	170797	2	• BOLT
3	403084	2	• NUT - M12-1.75
4	170836	8	• NUT
5	403098	8	• WASHER
6	196869	24	• BOLT
7	151763	2	• CIRCLIP
8	140966	2	• CIRCLIP
9	141073	2	• BALL BEARING
10	151762	2	• SEAL
11	403050	2	• O-RING, Inner axle shaft
12	151761	2	• REDUCTION BUSHING
13	196873	2	• DOUBLE UNIVERSAL JOINT
14	406436	2	• SEAL OUTER
15	196637	24	• BOLT
16	168273	2	• FITTING, GREASE
17	196709	2	• PIVOT PIN
18	170834	1	• SET, SHIM
19	196710	2	• DUST EXCLUDER
20	170801	2	• BUSHING
21	407036	2	• BEARING, Lower king pin
22	170802	2	• PIN, Pivot
23	237837	2	• MAGNET PLUG
24	237822	2	• PLUG
25	170891	8	• STUD
26	154631	2	• SEAL
27	403078	4	• BEARING, INNER/OUTER HUB
28	406429	2	• HUB
29	196881	2	• LOCKING PLATE
-	-	-	Part list continued on following page

2.3 Front Axle - Reduction Hub

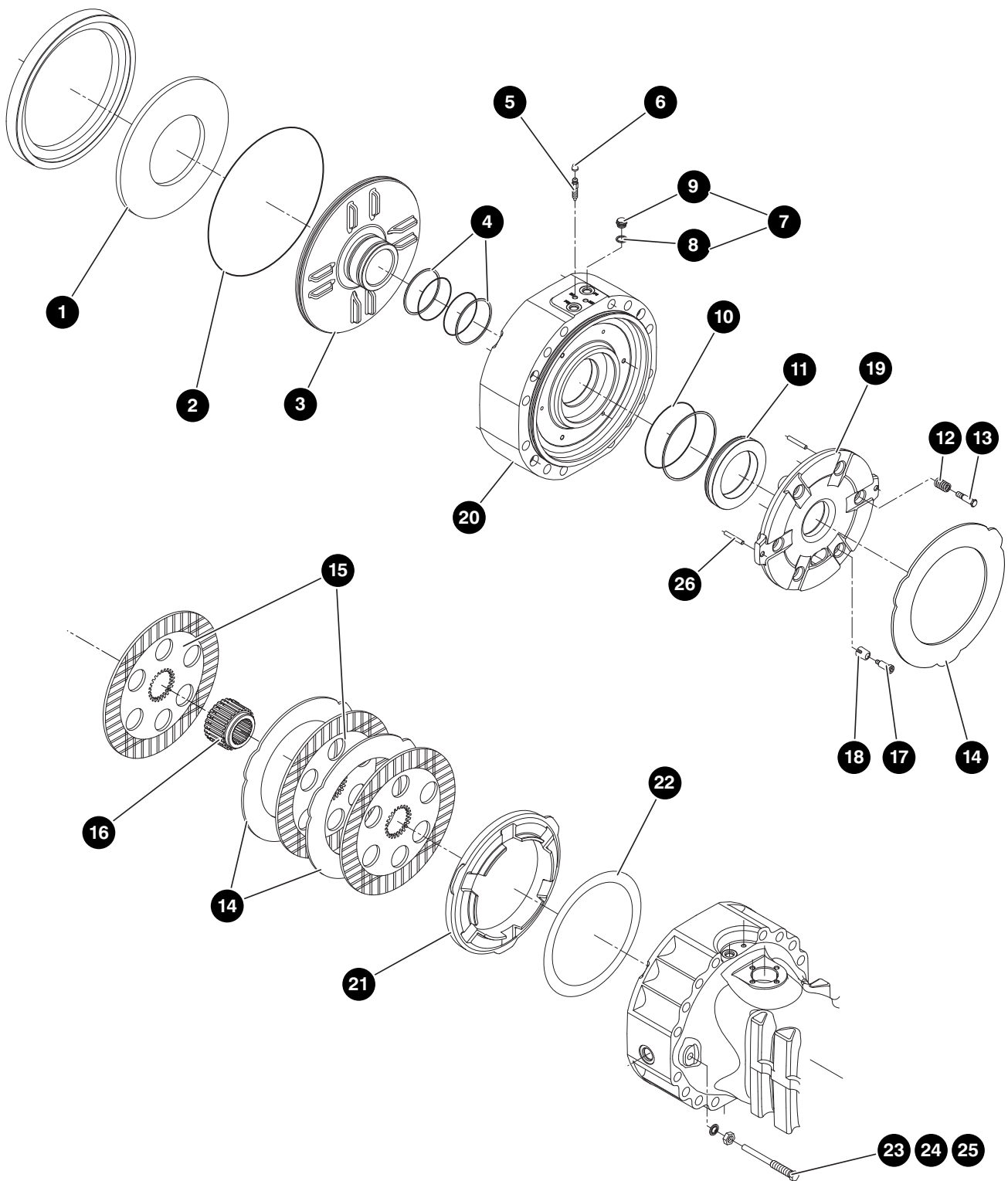


M190025-2

2.3 Front Axle - Reduction Hub

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Parts list continued from previous page
30	237776	2	• PLUG
31	141033	4	• BOLT, Countersunk
32	168279	16	• NUT
33	168278	16	• STUD
34	403046	2	• O-RING
35	405094	20	• WHEEL STUD
36	170858	2	• O-RING
37	407037	1	• BUSHING, Shaft outer
38	196884	1	• STEERING CASE
39	196890	1	• STEERING CASE
40	168284	4	• SUPPORT, Ring gear
41	403088	4	• • NUT
42	168275	4	• • BOLT
43	170833	2	• KIT, Ring gear
44	196765	2	• • CIRCLIP
45	168281	2	• • GEAR, Ring
45	168280	2	• • SUPPORT, Ring gear
46	249128	2	• CARRIER, PLANET GEAR
47	196895	6	• • SNAP RING
48	196748	6	• • GEAR, PLANET
49	407034	6	• • BEARING, Sun gear
50	405368	2	• • PLANET GEAR CARRIER
51	216877	2	• PLASTIC COVER - Upper king pin

2.4 Front Axle - Brakes

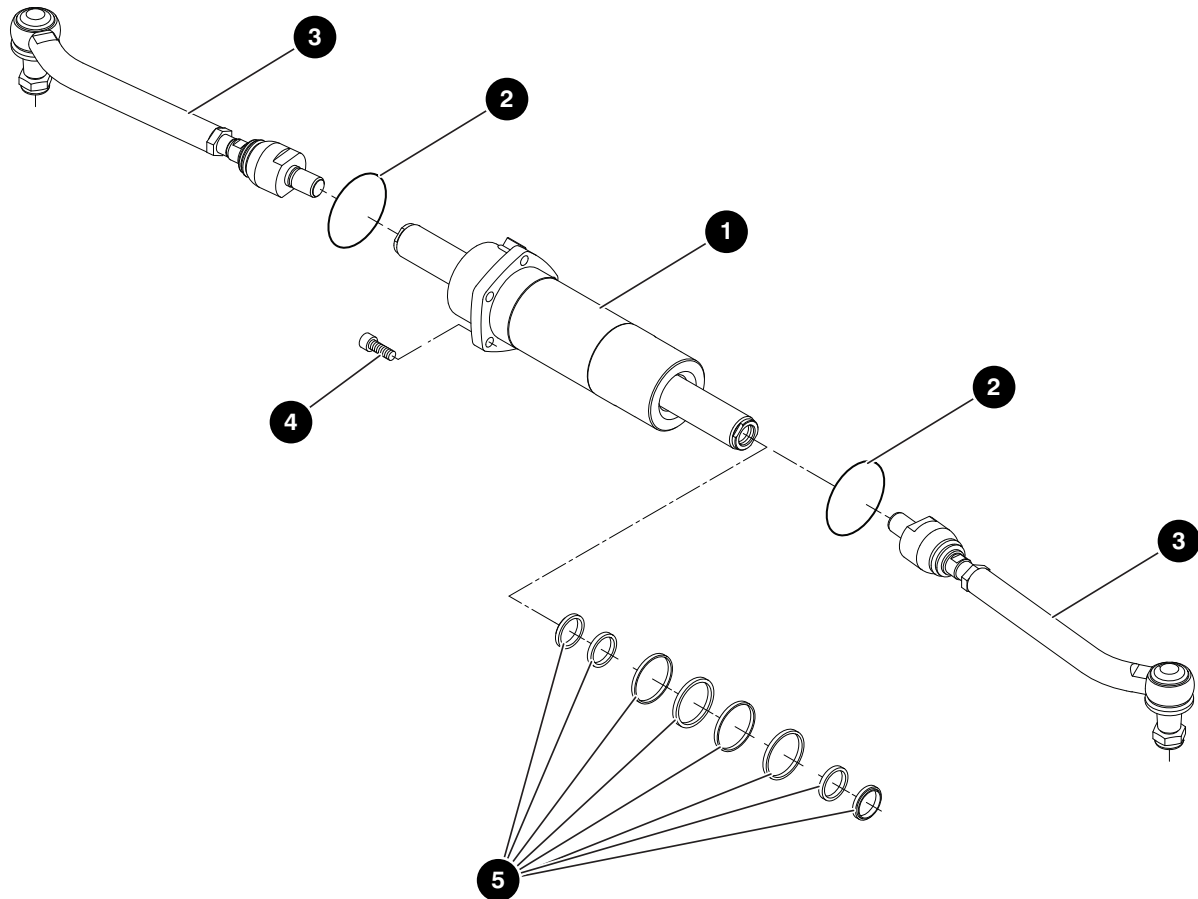


M190025-3

2.4 Front Axle - Brakes

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	BRAKES
1	404242	2	• BRAKE DISC, Spring - 213/80/81
2	170858	2	• O-RING
3	170895	2	• PISTON
4	196645	4	• SEAL
5	141086	4	• BLEEDING BOLT
6	141006	4	• PLUG
7	168299	4	• WASHER, Seal
8	168289	4	• • WASHER, Seal
9	168288	4	• • PLUG
10	216736	2	• SEAL
11	170898	2	• PISTON
12	168290	6	• SPRING
13	170849	6	• BOLT, ADJUSTING
14	404891	6	• INTERMEDIATE BRAKE DISC
15	413786	6	• DISC, FRICTION BRAKE
16	413785	2	• SELECTOR
17	170853	6	• BOLT, ADJUSTING
18	216397	6	• SPRING
19	168292	2	• DISC, Intermediate brake
20	170899	1	• COVER
21	249129	2	• SPACER
22	168295	1	• KIT, Shim
23	403096	4	• WASHER
24	403087	4	• NUT
25	170901	4	• BOLT
26	224439	4	• DOWEL

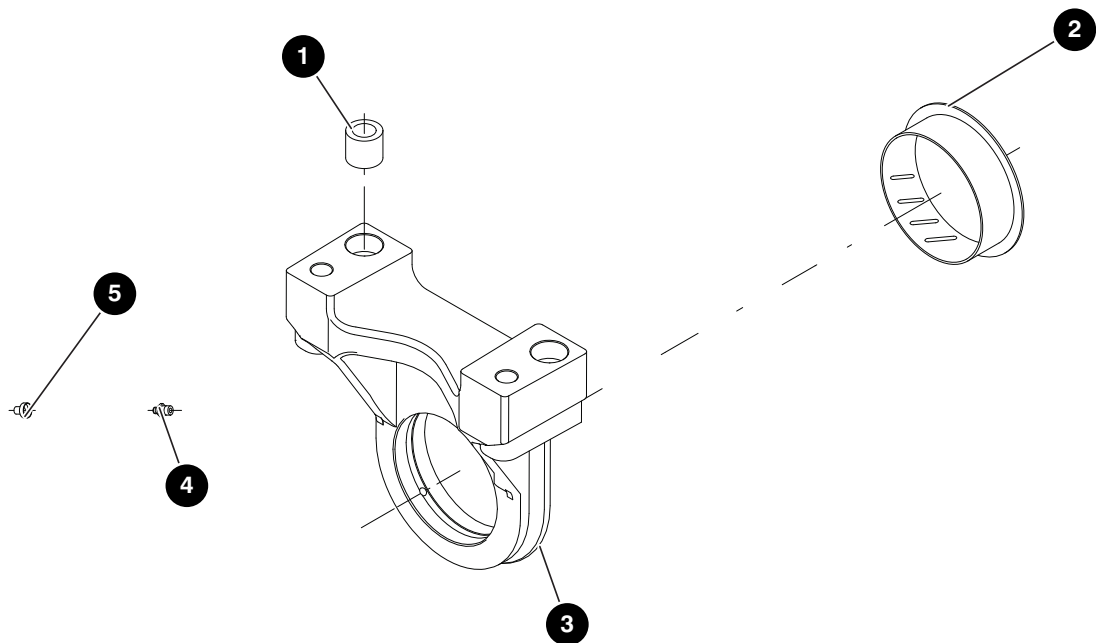
2.5 Front Axle - Steering



M190025-4

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	• STEERING
1	406443	1	• • ASSEMBLY, Steer cylinder
2	141064	2	• • O-RING
3	222837	2	• • BAR
4	168257	5	• • BOLT, Cylinder
5	406441	1	• • SEAL KIT, Steer cylinder

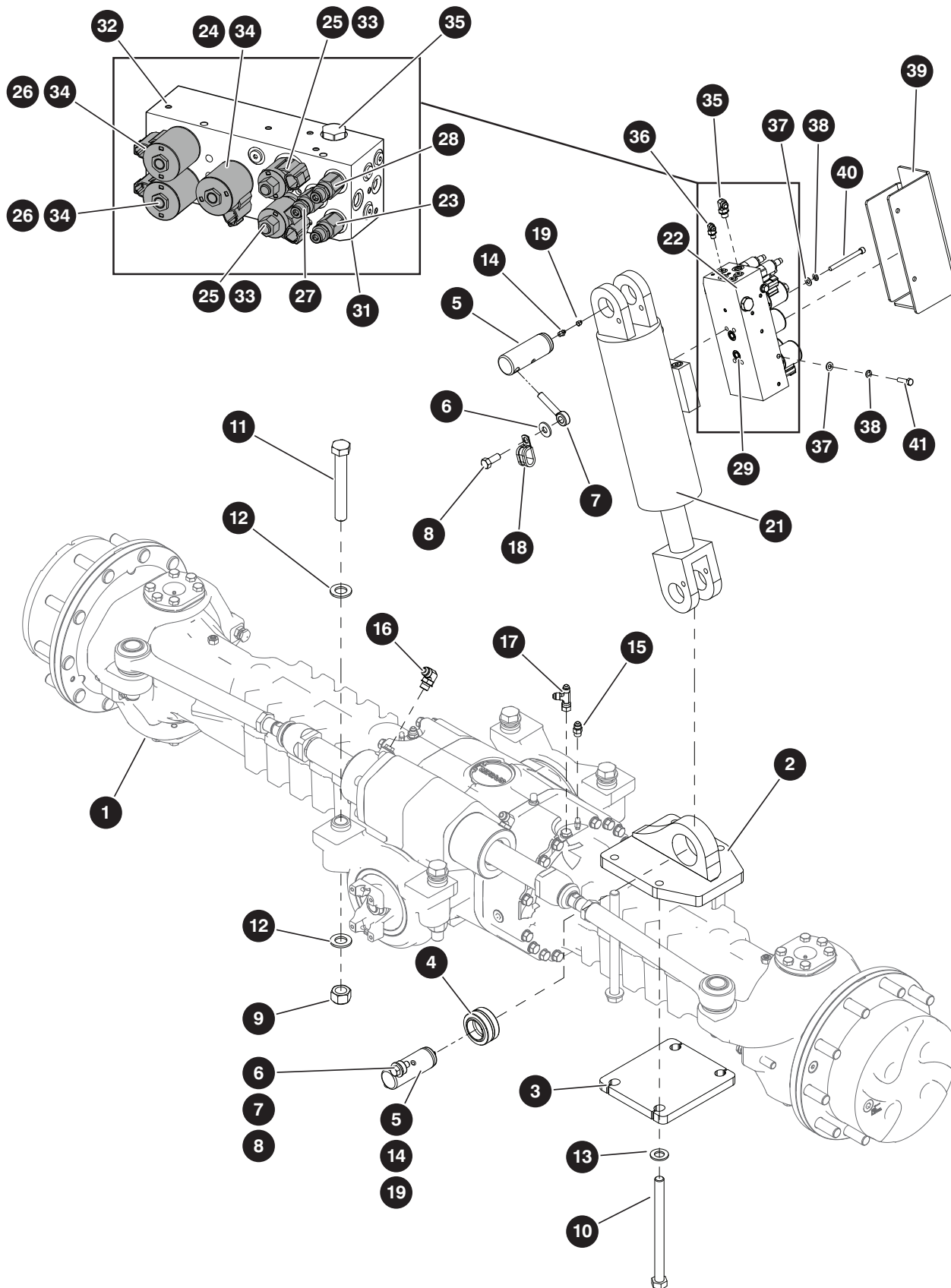
2.6 Front Axle - Trunion



M190025-5

Index No.	Skyjack Part No.	Qty.	Description
-	-	2	TRUNION ASSEMBLY
1	197178	4	• BUSHING
2	406991	2	• BUSHING, Axle mount
3	243780	2	• SUPPORT
4	168273	2	• FITTING, GREASE
5	141006	2	• PLUG

2.7 Rear Axle

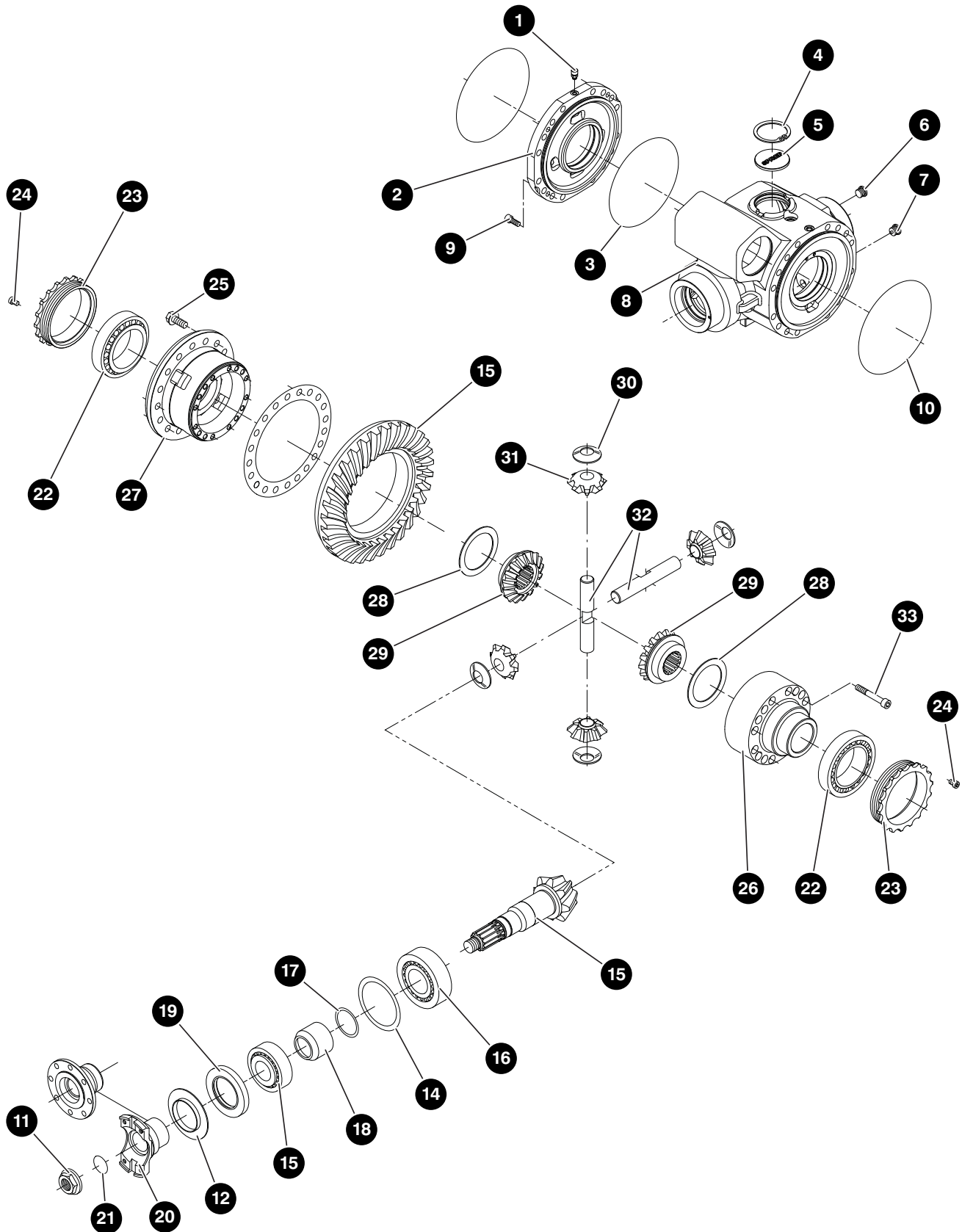


M205099AD

2.7 Rear Axle

Index No.	Skyjack Part No.	Qty.	Descr1
-	205099	1	REAR AXLE SUBGROUP
1	205032	1	• REAR AXLE 223, TH 12K
2	205112	1	• MOUNT, 1256 RAS
3	191088	1	• PLATE, 1044/1056 Frame tilt bottom
4	920767	1	• BEARING, Spherical
5	191866	2	• PIN, 1-3/4" DIA x 4-3/4" long
6	104379	2	• WASHER, Flat 1/2" HArD
7	191232	2	• PIN, Anchor
8	169942	2	• BOLT, Hex Head 1/2"-13x1-1/4" Gr. 8 zinc plated
9	190866	4	• NUT, Crownlock M24-3 Gr. 10.9 zinc plated
10	165200	4	• BOLT, Hex Head 3/4"-10 x 10" Gr. 8
11	190867	4	• BOLT, Hex Head M24-3x170 GR10.9 zinc plated
12	236030	8	• WASHER, Structural M24
13	702194	4	• WASHER, Flat 3/4" hard high\zinc plated
14	102027	2	• FITTING, Grease, 1/8 NPT straight
15	190364	2	• FITTING, Straight (06 JICM) 14 mm
16	114583	2	• FITTING, 90 DEG (08JICM-08ORBM)
17	103309	1	• HYDRAULIC, Fitting run tee(JICM-JICM-JICF)#6
18	152333	1	• CLAMP - Tube (5/8" cus double 17/32" hole)
19	132565	2	• CAP, Grease GC5
20	191108	1	• ASSEMBLY, RAS CYLINDER
21	191832	1	• • CYLINDER, RAS 115B
22	198734	1	• • MANIFOLD, RAS
23	257012	1	• • • VALVE, Relief
24	257013	1	• • • VALVE, Solenoid (10-28)
25	257014	2	• • • VALVE, Solenoid (8-28)
26	257015	2	• • • VALVE, Solenoid (10-22)
27	257016	1	• • • VALVE, Relief
28	257017	1	• • • VALVE, Relief
29	257018	2	• • • O-RING
30	257019	1	• • • VALVE, Check (5/8")
31	119471	1	• • • VALVE, Check (1/2")
32	171412	2	• • • VALVE, Check
33	159821	2	• • • COIL
34	159822	3	• • • COIL
35	114578	1	• • FITTING, 90° (06 JICM - 06 ORBM)
36	125883	1	• • FITTING, 90° (04 JICM - 04 ORBM)
37	103996	6	• • WASHER, Flat 5/16"
38	103404	6	• • WASHER, Lock 5/16"
39	198564	1	• • COVER, RAS manifold
40	103746	4	• • SCREW, Socket head cap 5/16"-18 x 3-1/2"
41	103887	2	• • BOLT, Hex head 5/16"-16 x 3/4" Gr. 5

2.8 Rear Axle - Internal Breakdown



M190025-1

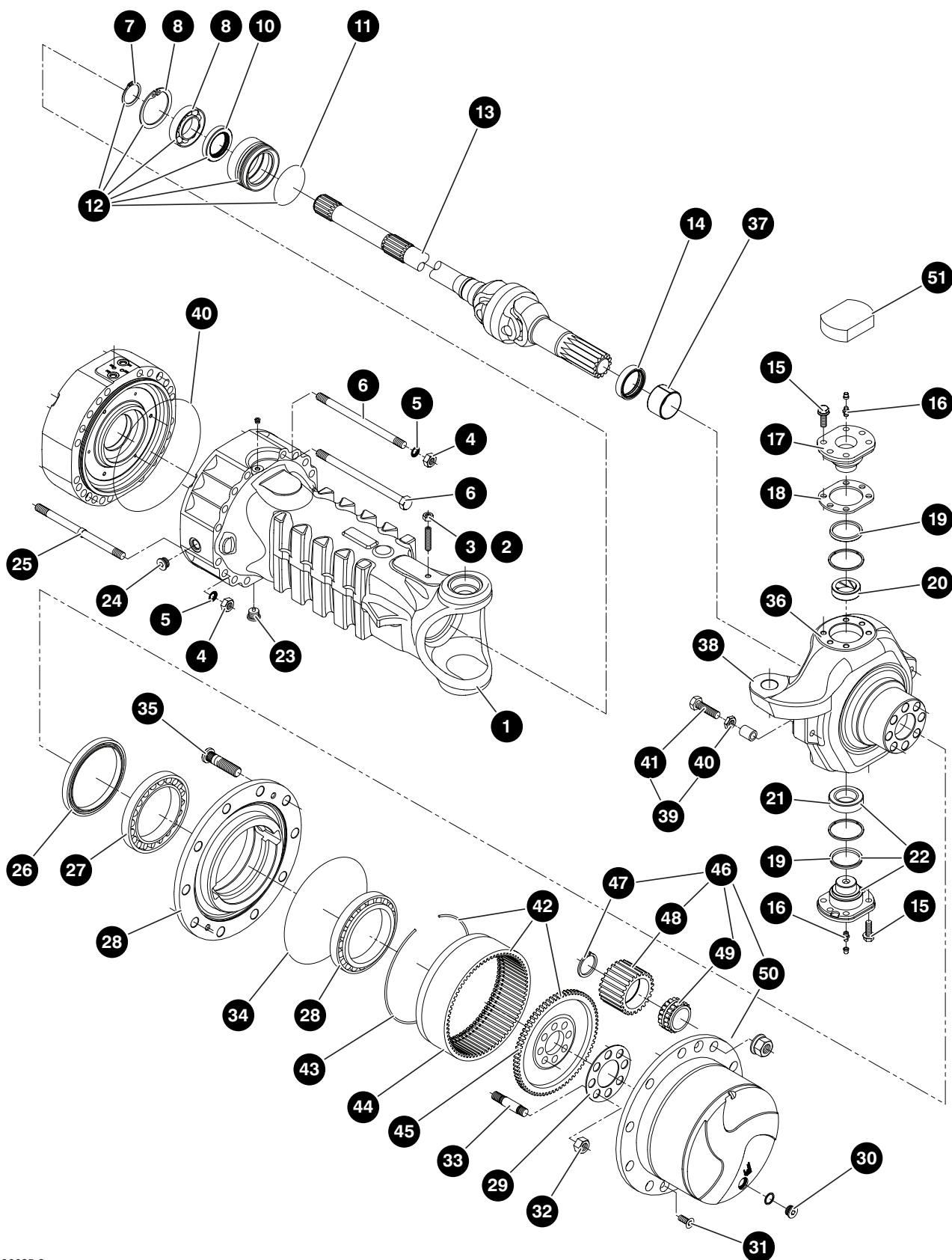
205154AH

SJ1256 THS

2.8 Rear Axle - Internal Breakdown

Index No.	Skyjack Part No.	Qty.	Descr1
-	-	-	• CENTRAL HOUSING
1	141000	1	• • VENT
2	170859	1	• • COVER
3	405098	1	• • O-RING
4	140966	1	• • CIRCLIP
5	140967	1	• • PLUG
6	237822	1	• • PLUG
7	237837	1	• • MAGNET PLUG
8	196785	1	• • HOUSING
9	170860	4	• • BOLT
10	170858	2	• • O-RING
-	-	1	• DIFFERENTIAL
11	408680	1	• • NUT
12	406988	1	• • PLATE, Cover
13	168316	1	• • BEARING, Taper roller
14	168268	1	• • SHIM, Set
15	249130	1	• • BEVEL GEAR SET
16	403079	1	• • BEARING
17	249126	1	• • RING KIT
18	196803	1	• • SPACER
19	403059	1	• • SEAL
20	196825	1	• • FLANGE
21	403045	1	• • O-RING
22	196827	2	• • BEARING, Taper roller
23	168260	2	• • NUT, RING
24	151768	2	• • BOLT, Hex
25	140993	16	• • BOLT
26	196828	1	• • DIFFERENTIAL
27	196833	1	• • • DIFFERENTIAL CARRIER
28	168262	2	• • • WASHER
29	168263	2	• • • GEAR
30	249127	4	• • • WASHER
31	168266	4	• • • PINION
32	168264	2	• • • PIN
33	168261	15	• • • BOLT

2.9 Rear Axle - Reduction Hub

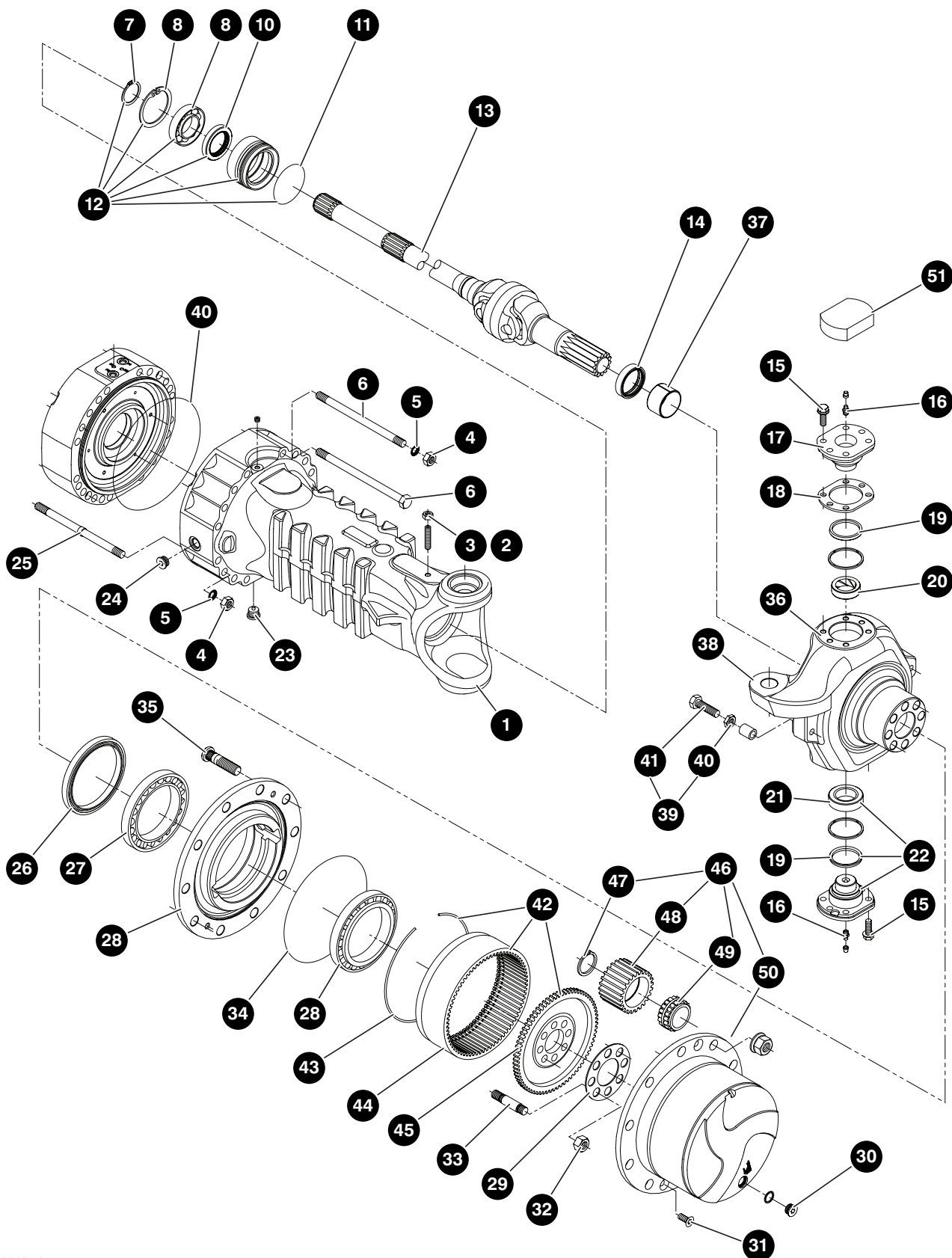


M190025-2

2.9 Rear Axle - Reduction Hub

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	HUB REDUCTION
1	249131	2	• AXLE CASE
2	170797	2	• BOLT
3	403084	2	• NUT - M12-1.75
4	170836	8	• NUT
5	403098	8	• WASHER
6	140999	24	• BOLT
7	151763	2	• CIRCLIP
8	140966	2	• CIRCLIP
9	141073	2	• BALL BEARING
10	151762	2	• SEAL
11	403050	2	• O-RING, Inner axle shaft
12	151761	2	• REDUCTION BUSHING
13	196873	2	• DOUBLE UNIVERSAL JOINT
14	406436	2	• SEAL OUTER
15	196637	24	• BOLT
16	168273	2	• FITTING, GREASE
17	196709	2	• PIVOT PIN
18	170834	1	• SET, SHIM
19	196710	2	• DUST EXCLUDER
20	170801	2	• BUSHING
21	407036	2	• BEARING, Lower king pin
22	170802	2	• PIN, Pivot
23	237837	2	• MAGNET PLUG
24	237822	2	• PLUG
25	170891	8	• STUD
26	154631	2	• SEAL
27	403078	4	• BEARING, INNER/OUTER HUB
28	406429	2	• HUB
29	196881	2	• LOCKING PLATE
-	-	-	Part list continued on following page

2.9 Rear Axle - Reduction Hub



M190025-2

205154AH

52

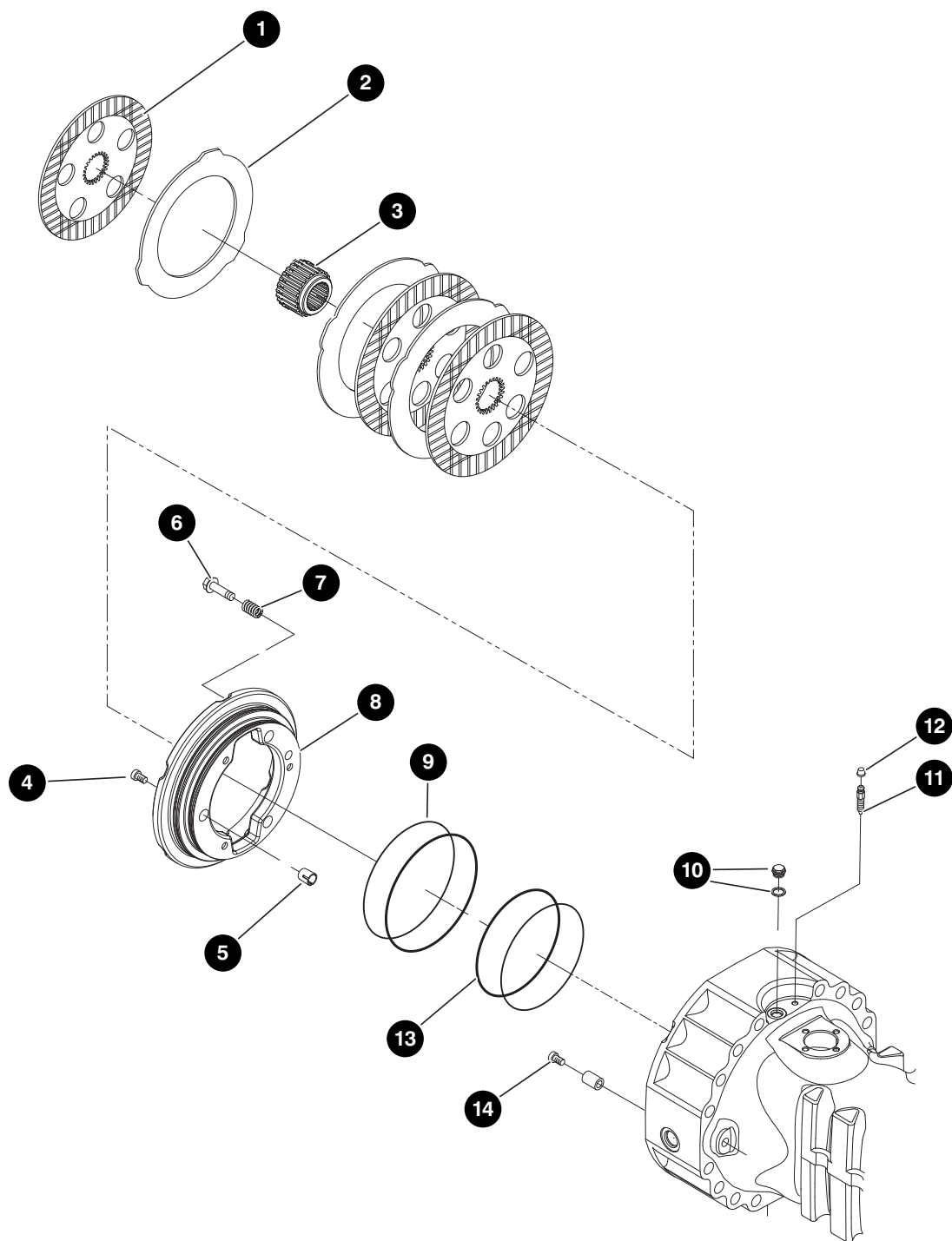
SJ1256 THS

SKYJACK

2.9 Rear Axle - Reduction Hub

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Parts list continued from previous page
30	237776	2	• PLUG
31	141033	4	• BOLT, Countersunk
32	168279	16	• NUT
33	168278	16	• STUD
34	403046	2	• O-RING
35	405094	20	• WHEEL STUD
36	196884	1	• • STEERING CASE
37	407037	1	• • BUSHING, Shaft outer
38	196890	1	• • STEERING CASE
39	168284	4	• SUPPORT, Ring gear
40	403088	4	• • NUT
41	168275	4	• • BOLT
42	170833	2	• KIT, Ring gear
43	196765	2	• • CIRCLIP
44	168281	2	• • GEAR, Ring
45	168280	2	• • SUPPORT, Ring gear
46	168283	2	• CARRIER, PLANET GEAR
47	196895	6	• • SNAP RING
48	196748	6	• • GEAR, PLANET
49	407034	6	• • BEARING, Sun gear
50	197134	2	• • PLANET GEAR CARRIER
51	216877	2	• PLASTIC COVER - Upper king pin

2.10 Rear Axle - Brakes



M70321AA

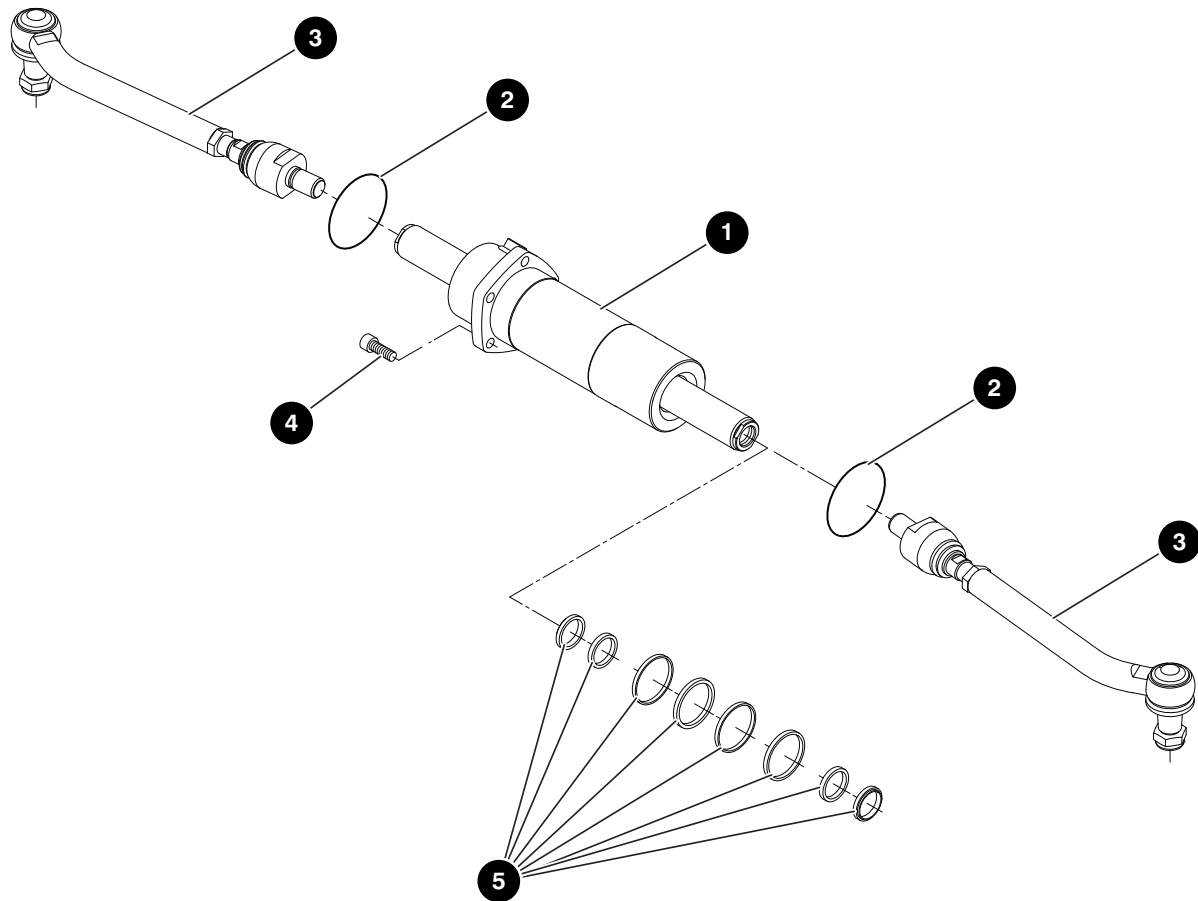
205154AH

SJ1256 THS

2.10 Rear Axle - Brakes

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	BRAKES
1	413786	6	• DISC, Brake
2	404891	6	• INTERMEDIATE BRAKE DISC, Park brake
3	413785	2	• SELECTOR
4	196657	6	• BOLT, Adjusting
5	216936	6	• SPRING
6	170849	6	• BOLT, Adjusting
7	168290	6	• SPRING
8	249132	2	• PISTON
9	249133	2	• SEAL
10	168299	2	• WASHER, Seal
11	141086	2	• BOLT, Bleeding
12	141006	2	• PLUG
13	237814	2	• SEAL
14	196660	2	• BOLT, Pilot

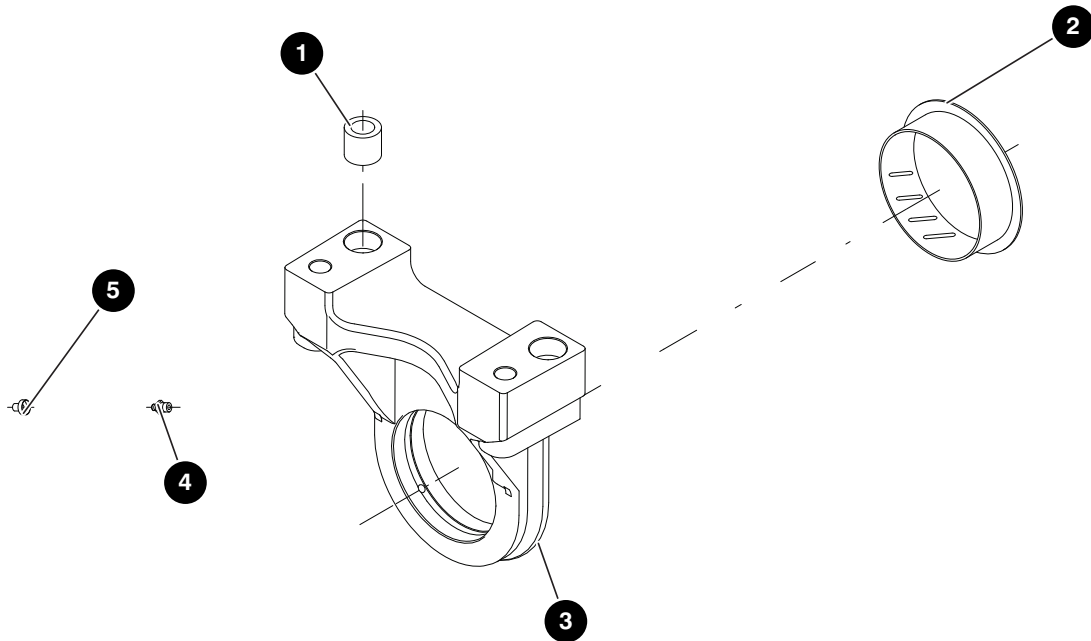
2.11 Rear Axle - Steering



M190025-4

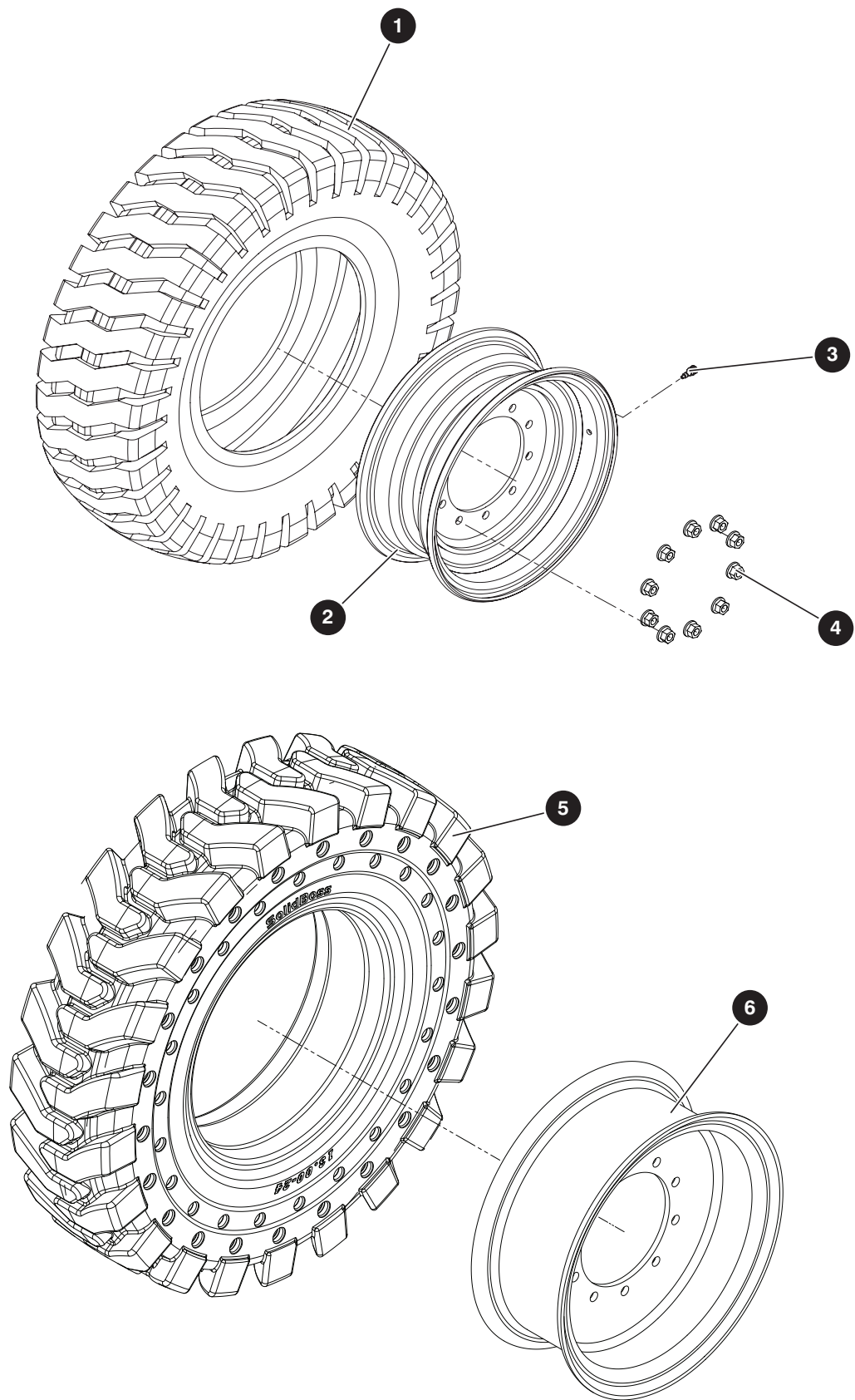
Index No.	Skyjack Part No.	Qty.	Description
-	-	1	• STEERING
1	406443	1	• • ASSEMBLY, Steer cylinder
2	141064	2	• • O-RING
3	222837	2	• • BAR
4	168257	5	• • BOLT, Cylinder
5	406441	1	• • SEAL KIT, Steer cylinder

2.12 Rear Axle - Trunion



Index No.	Skyjack Part No.	Qty.	Description
1	197178	4	• REDUCTION BUSHING, Axle pivot mount
2	406991	2	• BUSHING, Thrust
3	168273	2	• FITTING, Grease
4	141006	2	• PLUG

2.13 Tires and Wheels

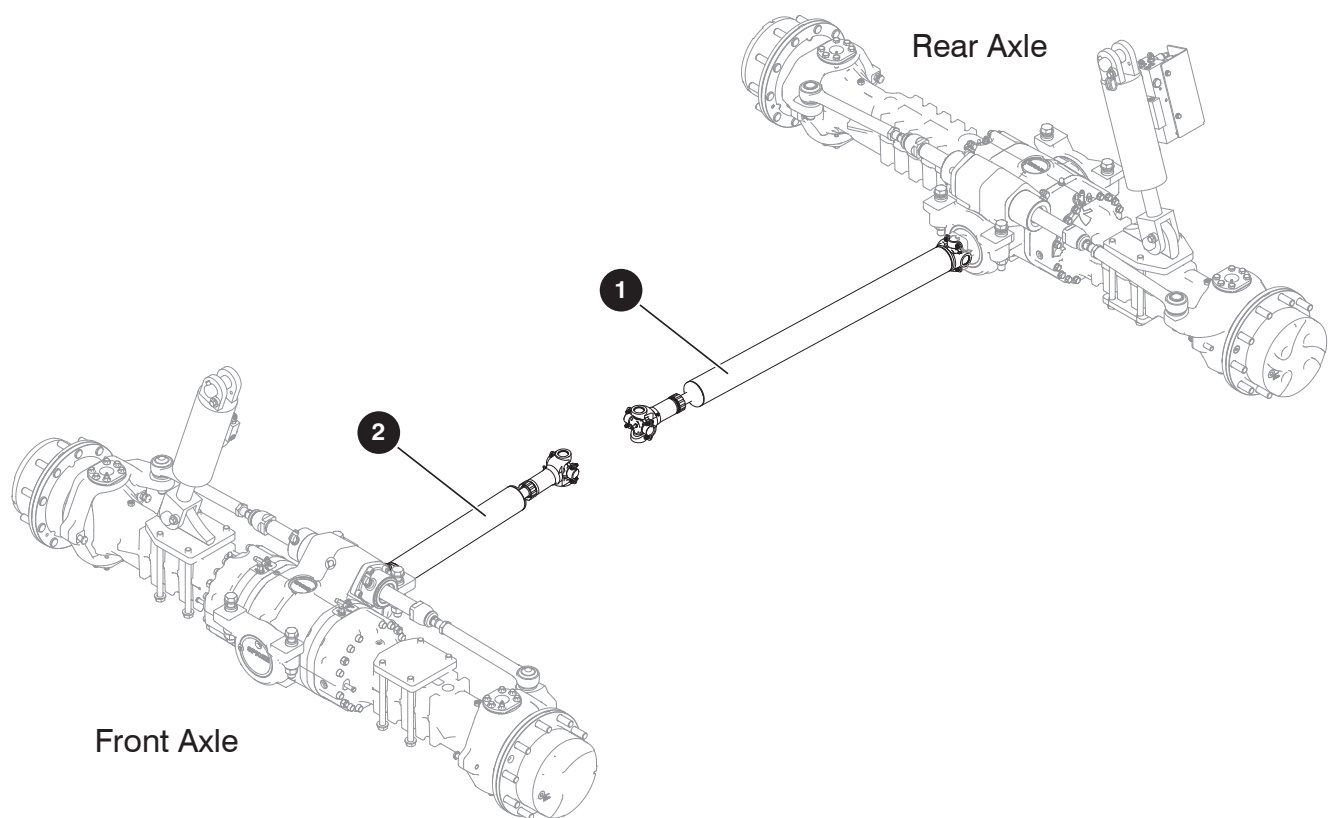


M921882AB_M205185AA

2.13 Tires and Wheels

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

2.14 Drive Shaft



M205192AB

Index No.	Skyjack Part No.	Qty.	Description
-	205192	1	DRIVE SHAFT
1	205201	1	• DIRVE SHAFT, Rear
2	190956	1	• DRIVE SHAFT, Front
-	221398	1	• • STRAP KIT (Not shown)
-	240882	1	• • BEARING, U-JOINT

Section 3 – Engine and Transmission

3.1 *Engine Tray*

3.2 *Engine & Powershift Transmission -
S/N 87 410 838 and below*

3.3 *Engine Components*

3.4 *Engine & Powershift Transmission -
S/N 87 410 839 and above*

3.5 *Powershift Transmission -
Housing & Case*

3.6 *Transmission - Gear Group*

3.7 *Transmission - Drive Plate,
Torque Converter & Pump*

3.8 *Transmission - Forward &
Reverse Group*

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

3.10 *Transmission - Output Shaft &
Control Group*

3.11 *Transmission - Drop Box*

3.12 *R1 & H1 Shaft Double Cone
Assembly*

3.13 *Pump & Limit Switch
Assembly*

3.14 *Fuel Lines*

3.15 *Air Intake System*

3.16 *Exhaust Aftertreatment
System*

3.17 *DEF Lines*

3.18 *Cooling Package Style A - S/N
87 410 201 and below*

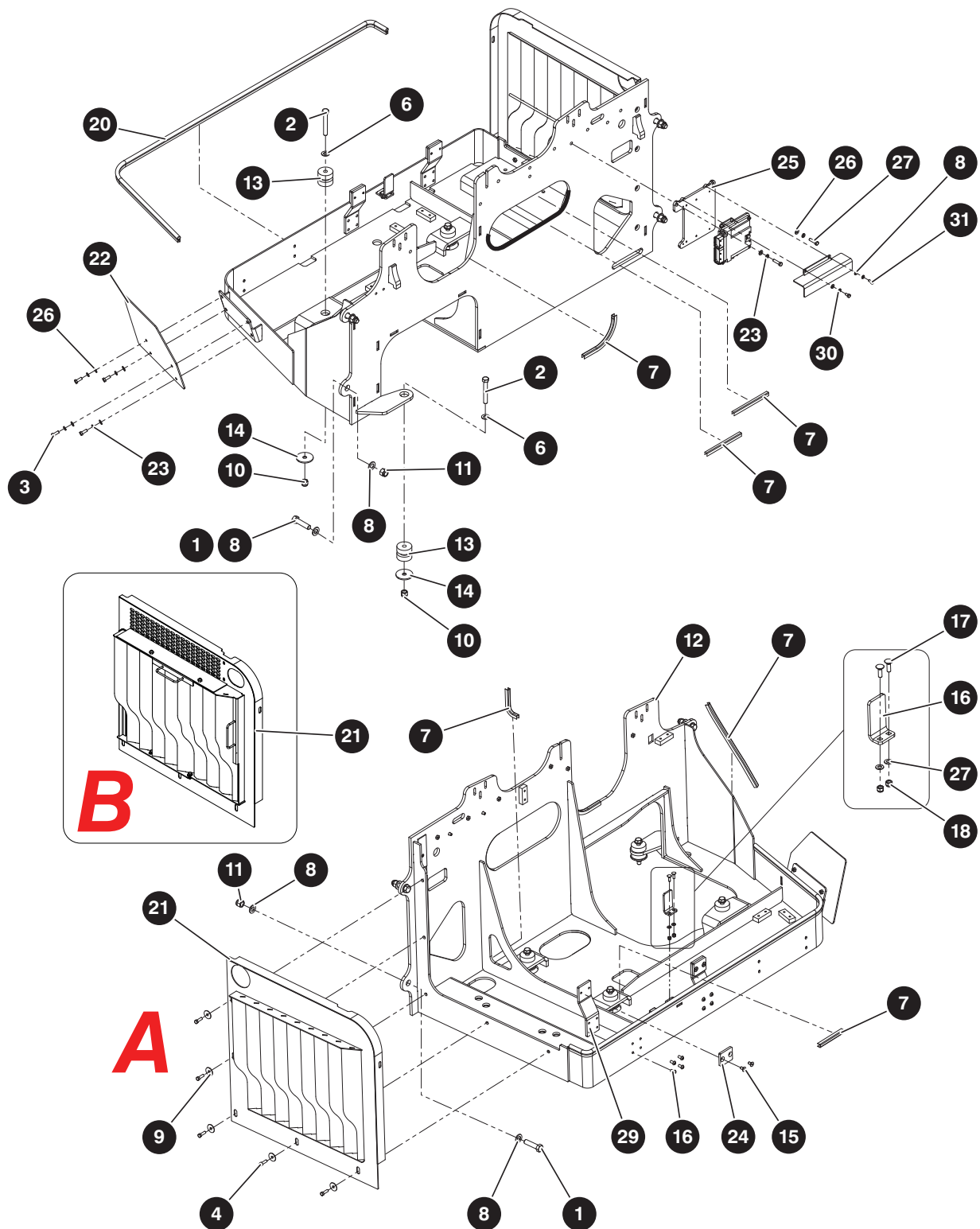
3.19 *Cooler - Internal Breakdown -
S/N 87 410 201 and below*

3.20 *Cooling Package Style B - S/N
87 410 202 and above*

3.21 *Cooler - Internal Breakdown -
S/N 87 410 202 and above*

3.22 *Powershift Transmission
Hydraulic Pump*

3.1 Engine Tray

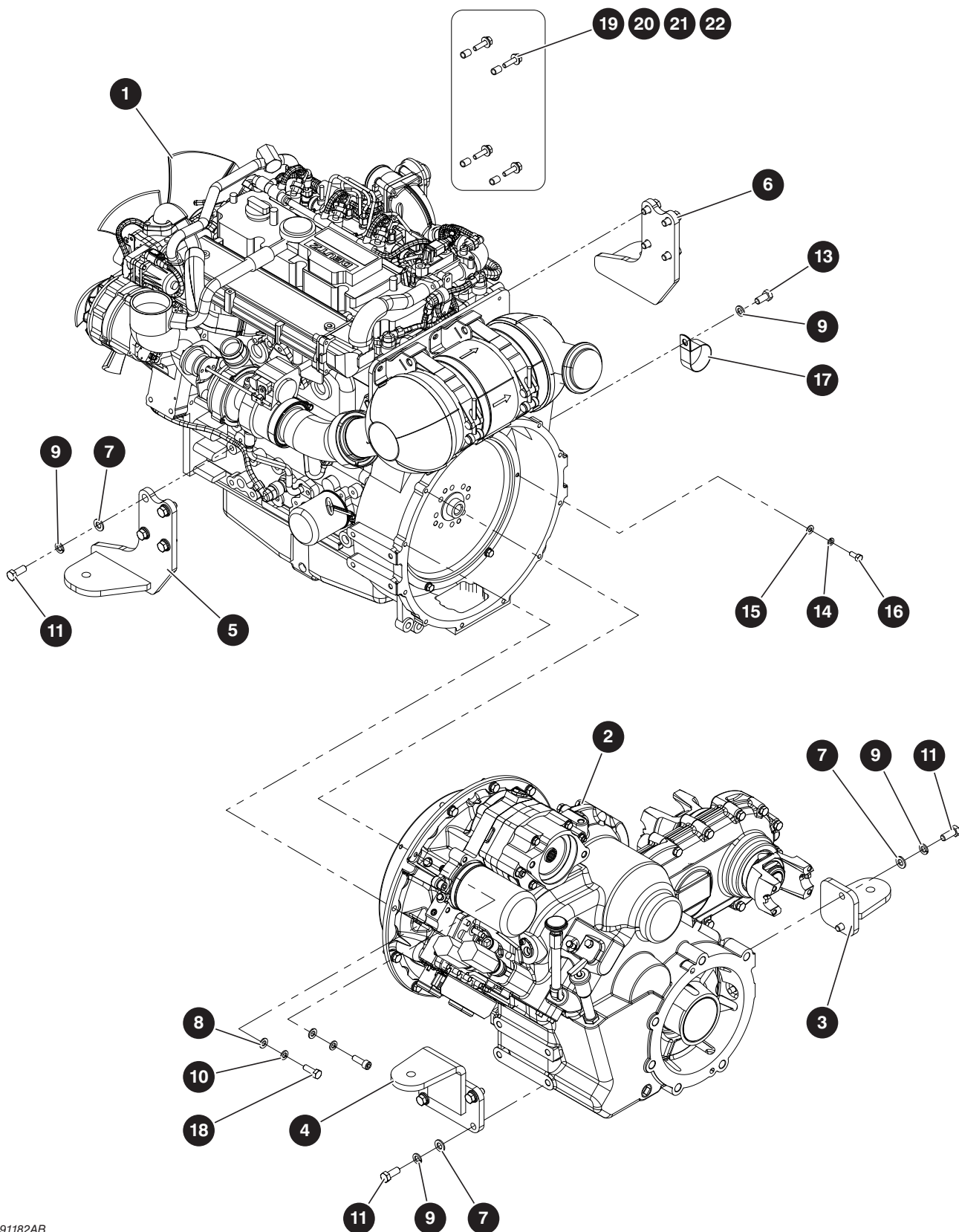


M190704AH

3.1 Engine Tray

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

3.2 Engine & Poweshift Transmission - S/N 87 410 838 and below

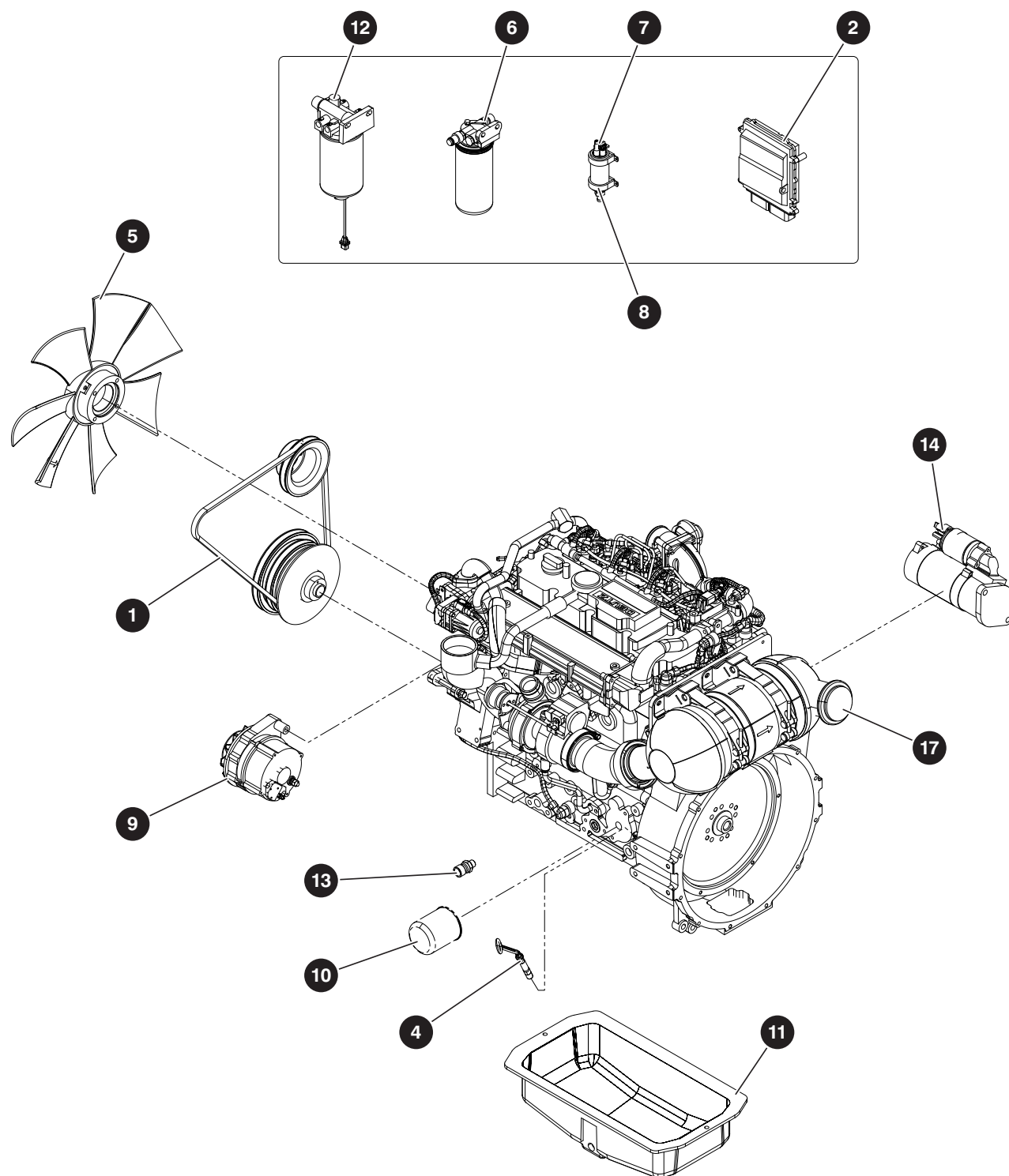


M191182AB

3.2 Engine & Poweshift Transmission - S/N 87 410 838 and below

Index No.	Skyjack Part No.	Qty.	Description
-	191182	1	ASSEMBLY, ENGINE/TRANSMISSION SUBGROUP, DEUTZ 3.6 107 HP
1	(Ref).	1	ASSEMBLY, Engine Deutz TCD 3.6 T4F 107 HP (For components, refer to Section 3.3)
2	(Ref).	1	ASSEMBLY, Transmission VDT 12000 12 K (For components, refer to Section 3.5)
3	190712	1	MOUNT, Transmission - inner
4	190709	1	MOUNT, Transmission - outer
5	190715	1	MOUNT, 3.6 L engine - outer
6	190718	1	MOUNT, 3.6 L engine - inner
7	933630	14	WASHER, Structural M12 Hard
8	600572	10	WASHER, Flat M10 OD 20.0
9	116995	15	WASHER, Lock M12 plated DIN 127B
10	130884	10	WASHER, Lock M10-plated DIN 127B
11	933659	14	BOLT, Hex head M12 x 1-3/4" x 30 mm CL 10.9
12	933658	10	BOLT, Hex head M10 x 1-1/2" x 30 mm Gr. 10.9 YE
13	152324	1	BOLT, Hex head M12 x 1-3/4" x 25 mm Gr. 8.8 ZP
14	103404	6	WASHER, Lock 5/16"
15	103996	6	WASHER, Flat 5/16"
16	158320	6	BOLT, Hex head 5/16"-18 x 3/4" Gr. 8
17	171177	1	CLAMP - Loop vinyl coated - 2"
18	232529	1	BOLT, Socket head M10-1-1/2" x 30
19	133598	4	SPACER, 3/8" x 1-1/2"
20	103995	4	WASHER, Flat 1/4"
21	104000	4	WASHER, Lock 1/4"
22	103861	4	BOLT, Hex head 1/4"-20 x 2-1/2" Gr. 5
23	108675	4	WIRE PROTECTOR, 1/2" DIA (Not Shown)

3.3 Engine Components



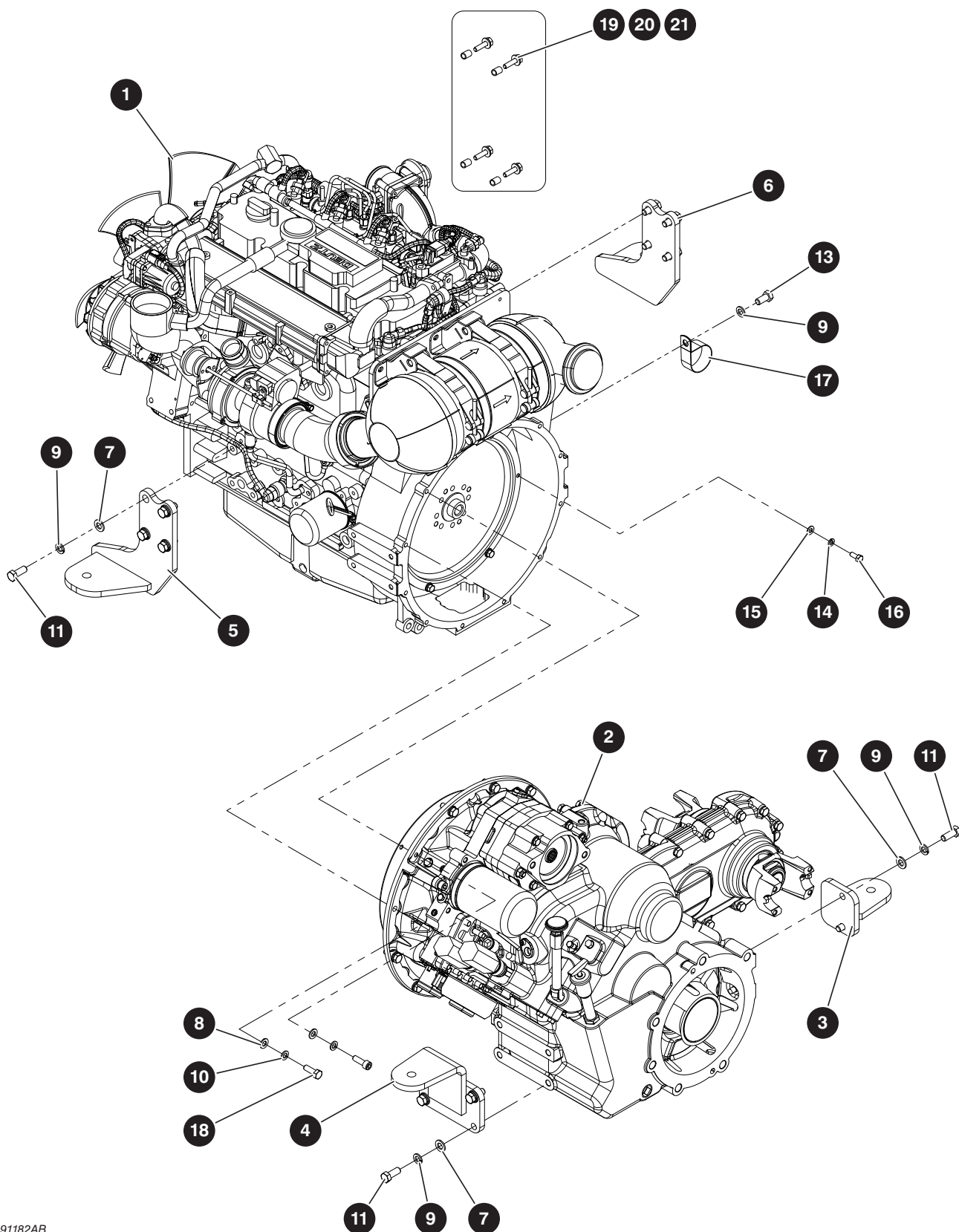
M190004AB

205154AH

3.3 Engine Components

Index No.	Skyjack Part No.	Qty.	Description
-	190004	1	• ASSEMBLY, ENGINE DEUTZ TCD 3.6 T4F 107 HP <i>For serial numbers 87 410 838 and below.</i>
1	197173	1	• ASSEMBLY, V-grooved pulley
-	209612	1	• • BELT
2	197187	1	• CONTROL UNIT
3	197183	1	• COOLANT PUMP, water pump (Not shown)
4	197179	1	• INDICATOR, Fluid level
5	196882	1	• FAN
	229053	1	• • BOLT, Hexagonal
6	197181	1	• FILTER, Fuel
-	166700	1	• • SENSOR, pressure (Not shown)
-	197182	1	• • FILTER, Spin-on, fuel (Not shown)
	216423	1	• • HOSE LINE, Outlet fuel to injector pump (Not shown)
7	164770	1	• PUMP, Fuel supply
8	197095	2	• • CLIP
9	197184	1	• ALTERNATOR
10	196896	1	• FILTER, Oil
11	197180	1	• PAN,Oil
12	196888	1	• PRE-FILTER
-	196889	1	• • CARTRIDGE, Filter (Not shown)
-	169249	1	• • WIRE, Sensor cable (Not shown)
-	196893	1	• • PLUG, Vent (Not shown)
13	166704	1	• PRESSURE SENSOR
14	216438	1	• STARTER
15	196886	1	• TACHO-GENERATOR (Not shown)
16	197186	1	• TRANSMITTER, Temperature (Not shown)
17	197188	1	• CATALYTIC CONVERTER, Diesel Oxidation
	239439		• • OUTLET, Catalytic Converter
	239440		• • CLIP, Catalytic converter
	239441		• • GASKET,
18	216436	1	• RELAY (Not Shown)
20	216735	1	• HEATING ELEMENT
21	199251	1	• CABLE, 120 V, 1.5 m
22	199252	1	• CABLE, 120 V, 5 m
23	221397	1	• PUMP, Supply
	223182	1	• • FILTER, Supply pump (Not shown)
24	223196	1	• PIPE, line lead
25	223203	1	• SENSOR (not shown)
26	223202	1	• CARRIER, DIFFERENTIAL (not shown)
26	239429	1	• TRANSMITTER, Temperature (Not shown)
27	248183	1	• ASSEMBLY, Thermostat housing (not shown)
28	248184	1	• GASKET, Mounting (not shown)

3.4 Engine & Poweshift Transmission - S/N 87 410 839 and above

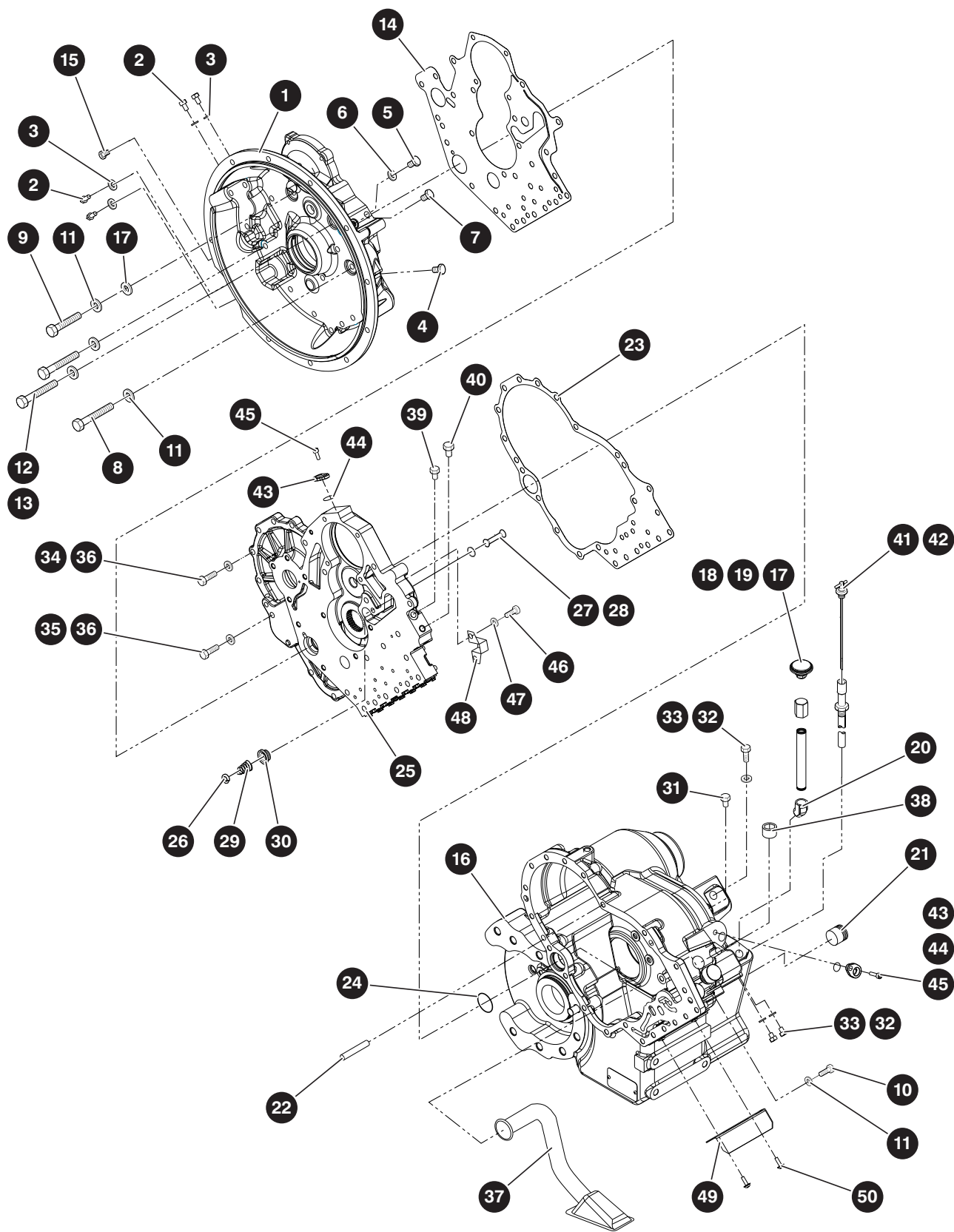


M191182AB

3.4 Engine & Poweshift Transmission - S/N 87 410 839 and above

Index No.	Skyjack Part No.	Qty.	Description
-	249349	1	ASSEMBLY, ENGINE/TRANSMISSION SUBGROUP, DEUTZ 3.6 107 HP - <i>For serial numbers 87 410 839 and above.</i>
1	244510	1	• Engine Deutz TCD 3.6 T4F 107 HP
2	(Ref).	1	• ASSEMBLY, Transmission VDT 12000 12 K (For components, refer to Section 3.5)
3	190712	1	• MOUNT, Transmission - inner
4	190709	1	• MOUNT, Transmission - outer
5	190715	1	• MOUNT, 3.6 L engine - outer
6	190718	1	• MOUNT, 3.6 L engine - inner
7	933630	14	• WASHER, Structural M12 Hard
8	933833	10	• WASHER, Flat M10 OD 20.0
9	116995	15	• WASHER, Lock M12 plated DIN 127B
10	130884	10	• WASHER, Lock M10-plated DIN 127B
11	933659	14	• BOLT, Hex head M12 x 1-3/4" x 30 mm CL 10.9
12	933658	10	• BOLT, Hex head M10 x 1-1/2" x 30 mm Gr. 10.9 YE
13	152324	1	• BOLT, Hex head M12 x 1-3/4" x 25 mm Gr. 8.8 ZP
14	103404	6	• WASHER, Lock 5/16"
15	103996	6	• WASHER, Flat 5/16"
16	158320	6	• BOLT, Hex head 5/16"-18 x 3/4" Gr. 8
17	171177	1	• CLAMP - Loop vinyl coated - 2"
18	232529	1	• BOLT, Socket head M10-1-1/2" x 30
19	133598	4	• SPACER, 3/8" x 1-1/2"
20	103995	4	• WASHER, Flat 1/4"
21	103861	4	• BOLT, Hex head 1/4"-20 x 2-1/2" Gr. 5
22	108675	4	• WIRE PROTECTOR, 1/2" DIA (not shown)
23	233208	1	• HOSE, DEF - SCR (not shown)

3.5 Powershift Transmission - Housing & Case

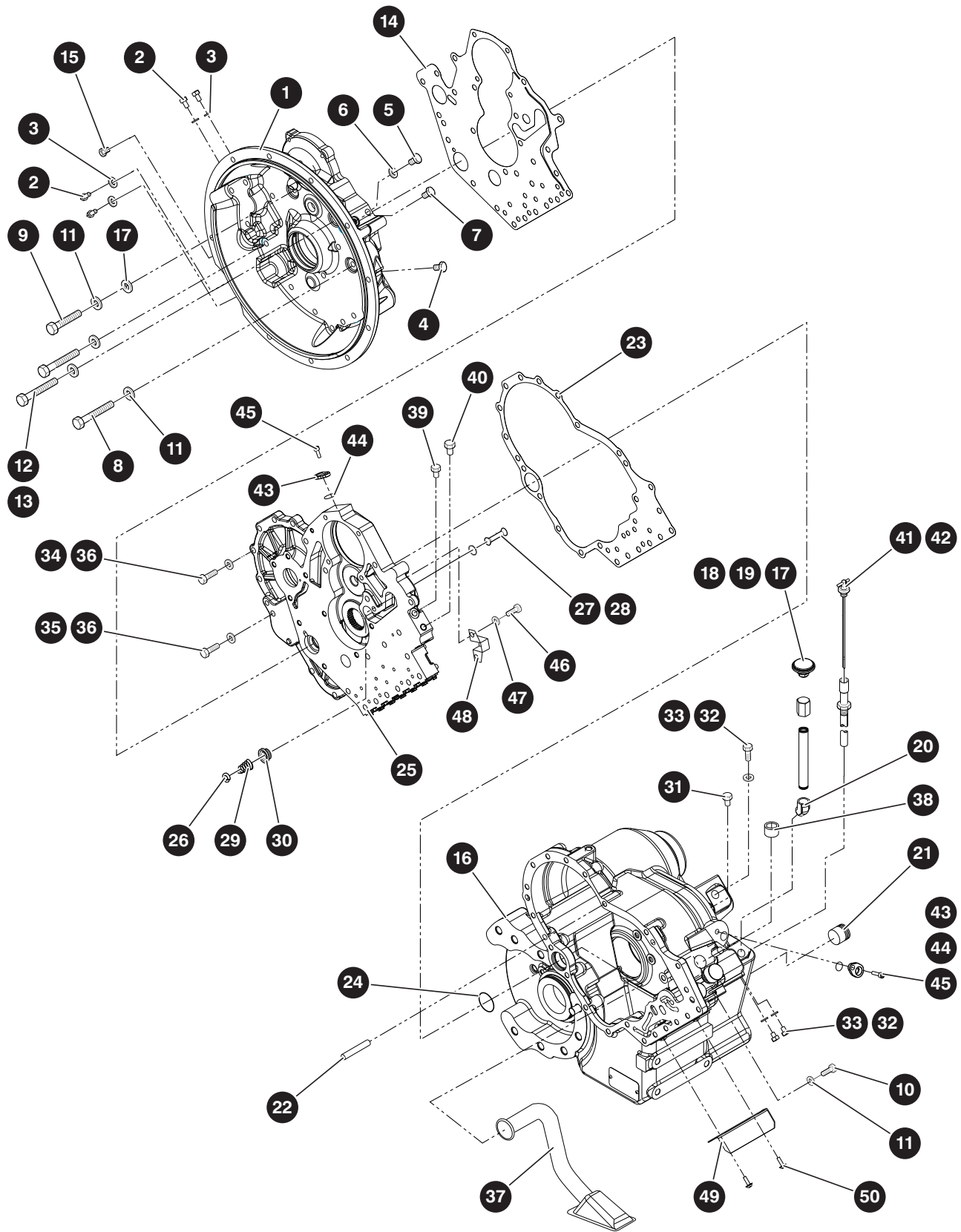


M190024AC

3.5 Powershift Transmission - Housing & Case

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

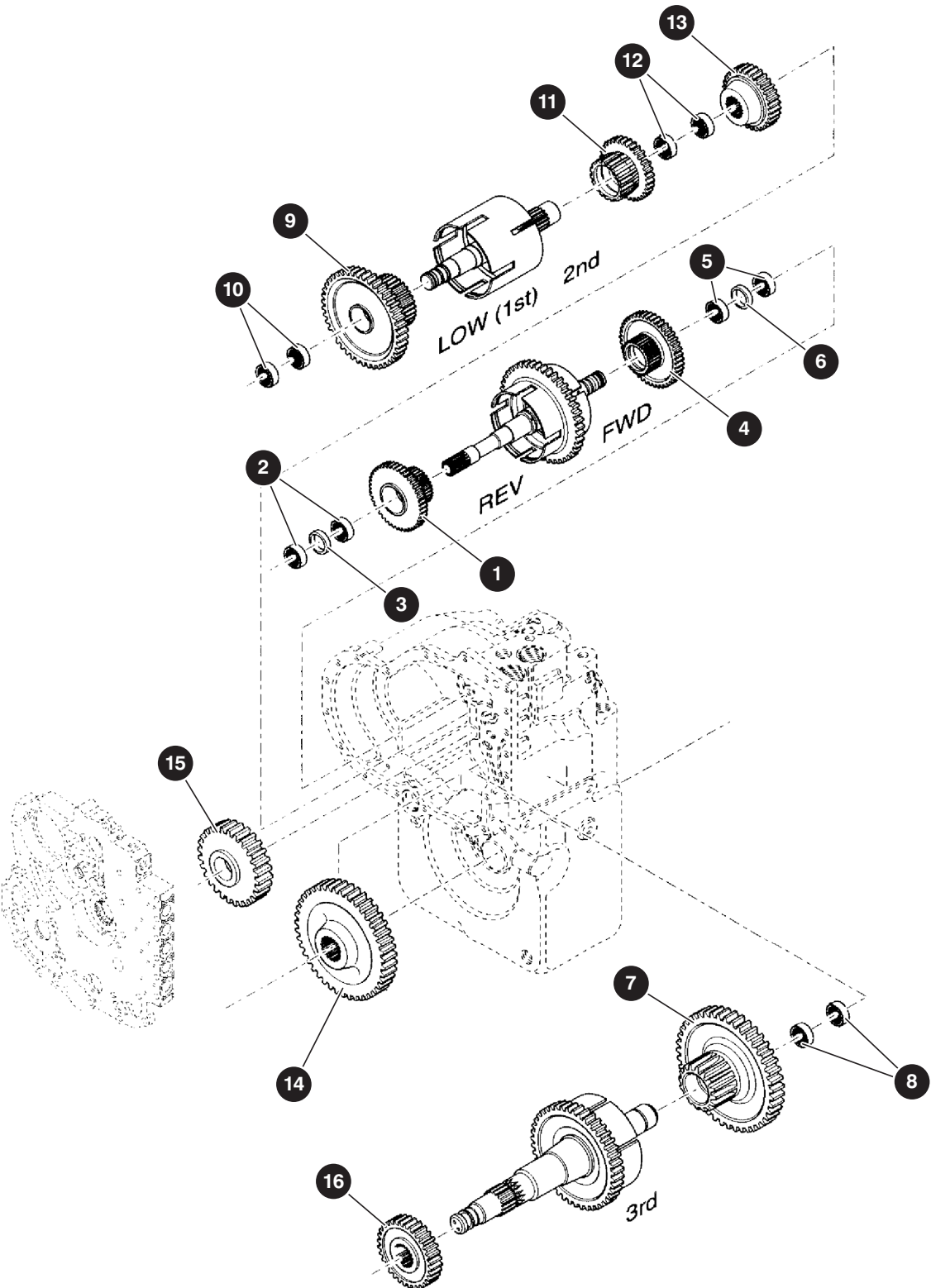
3.5 Powershift Transmission - Housing & Case



M190024AC

3.5 Powershift Transmission - Housing & Case

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

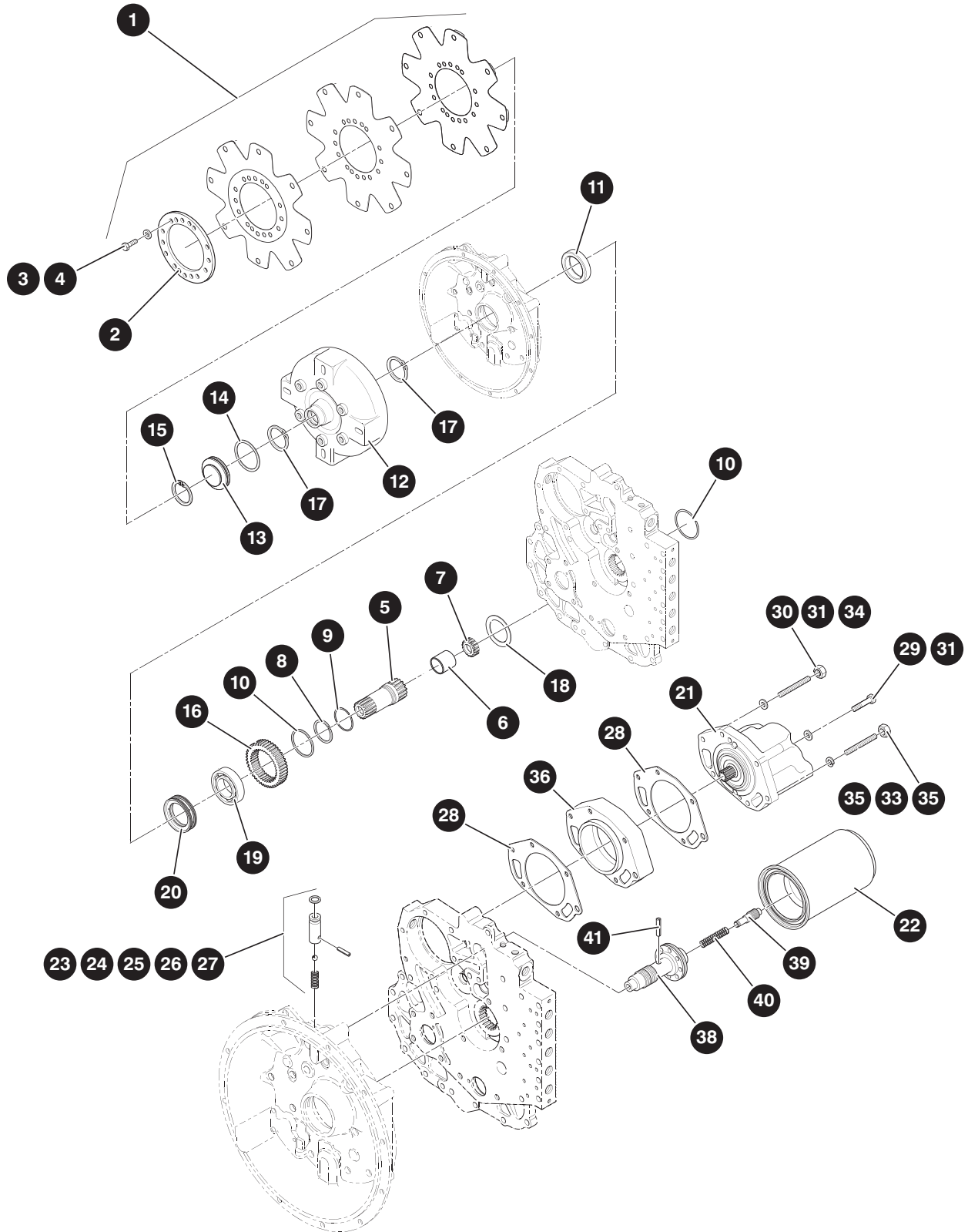


M190024AC-4

3.6 Transmission - Gear Group

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

3.7 Transmission - Drive Plate, Torque Converter & Pump

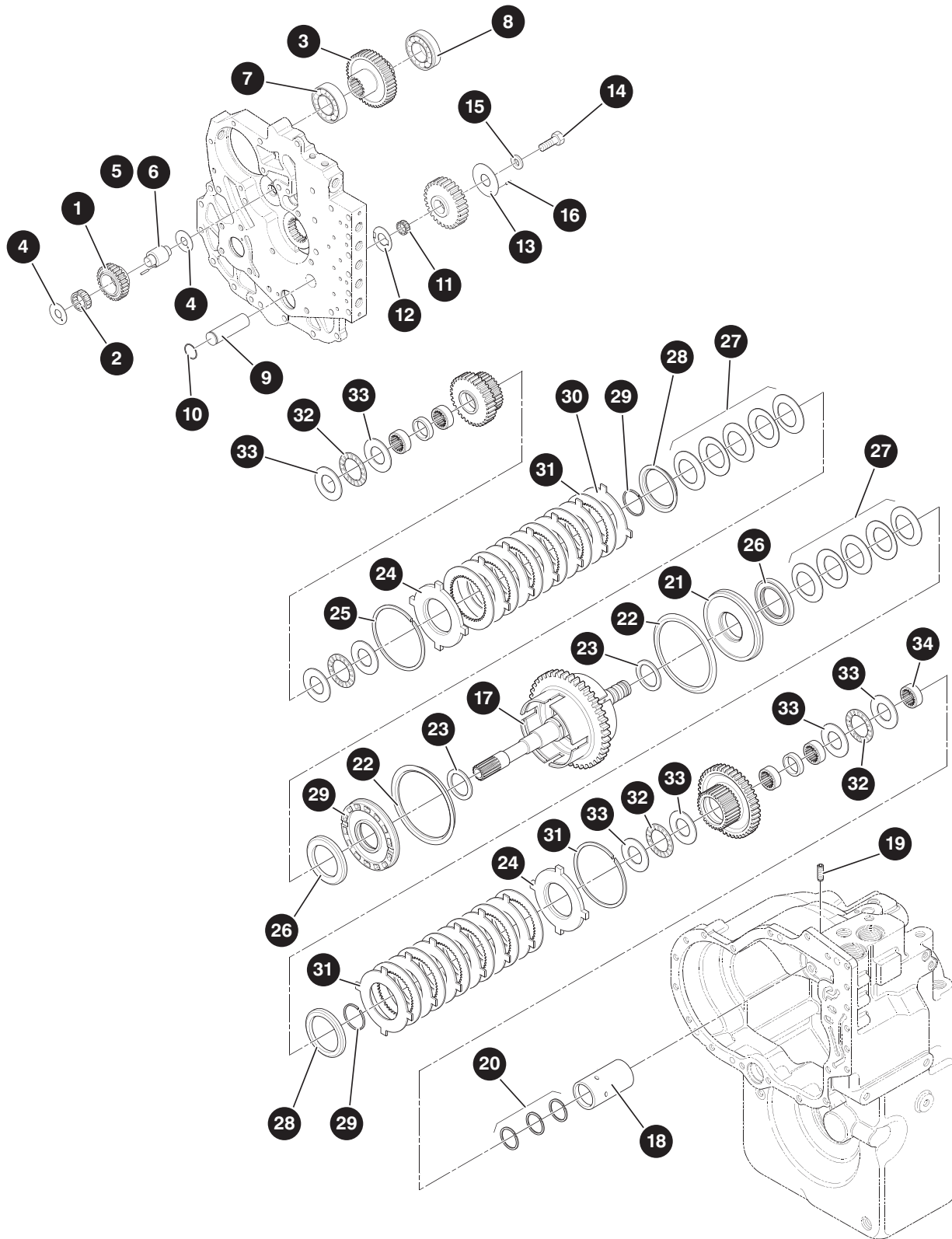


M190024AC-6

3.7 Transmission - Drive Plate, Torque Converter & Pump

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

3.8 Transmission - Forward & Reverse Group

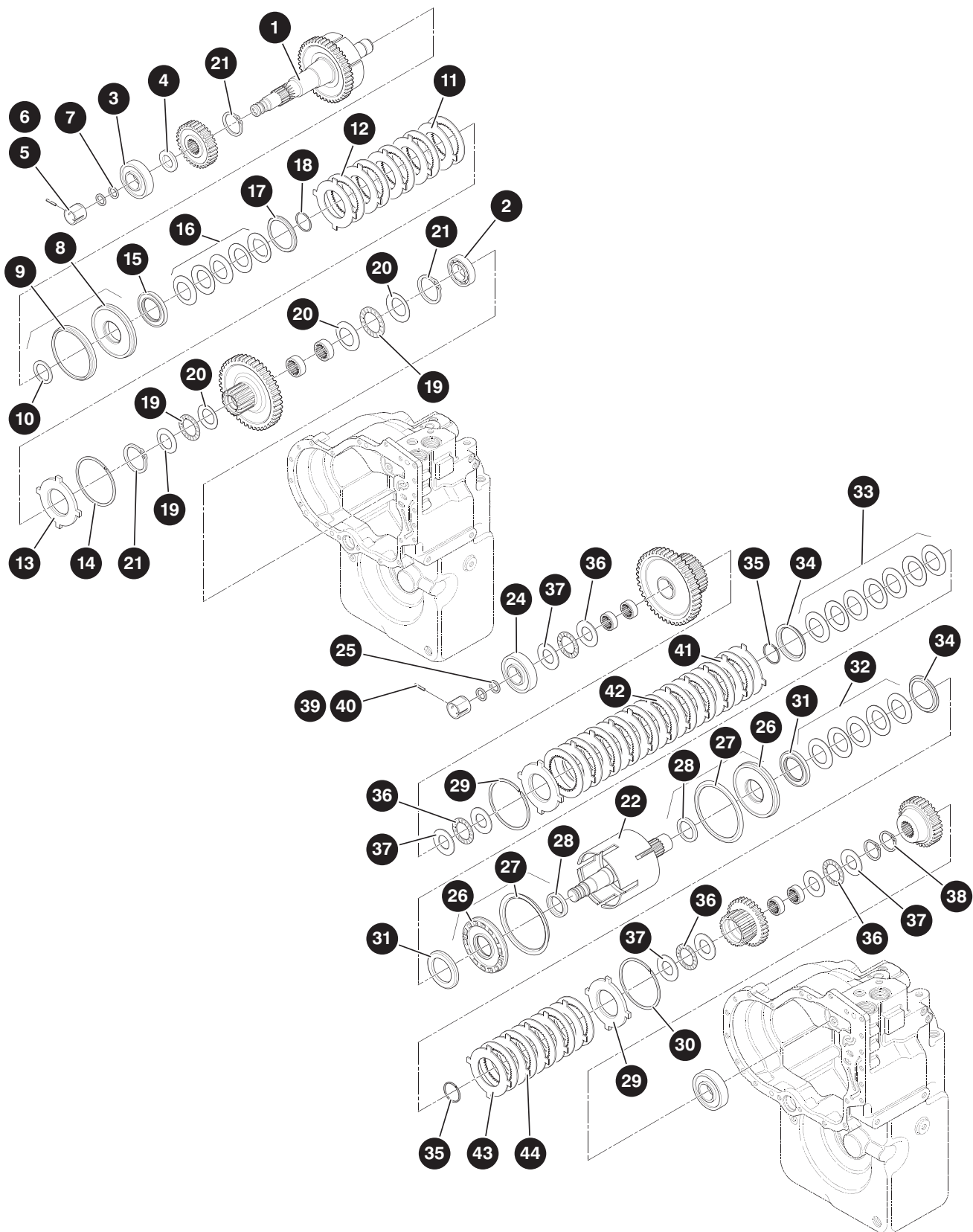


M190024AC-3

3.8 Transmission - Forward & Reverse Group

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

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

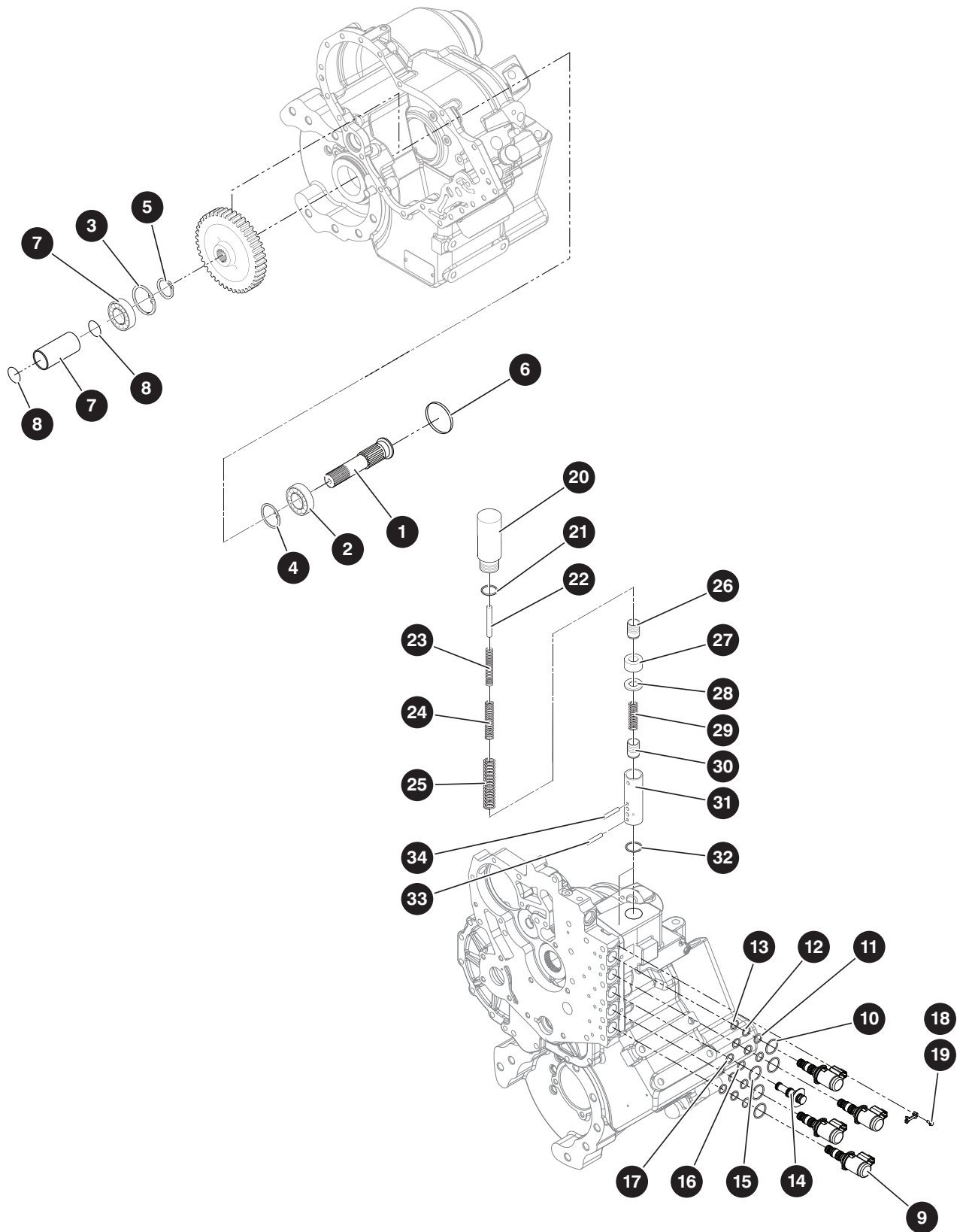


M923131AA-4

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

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

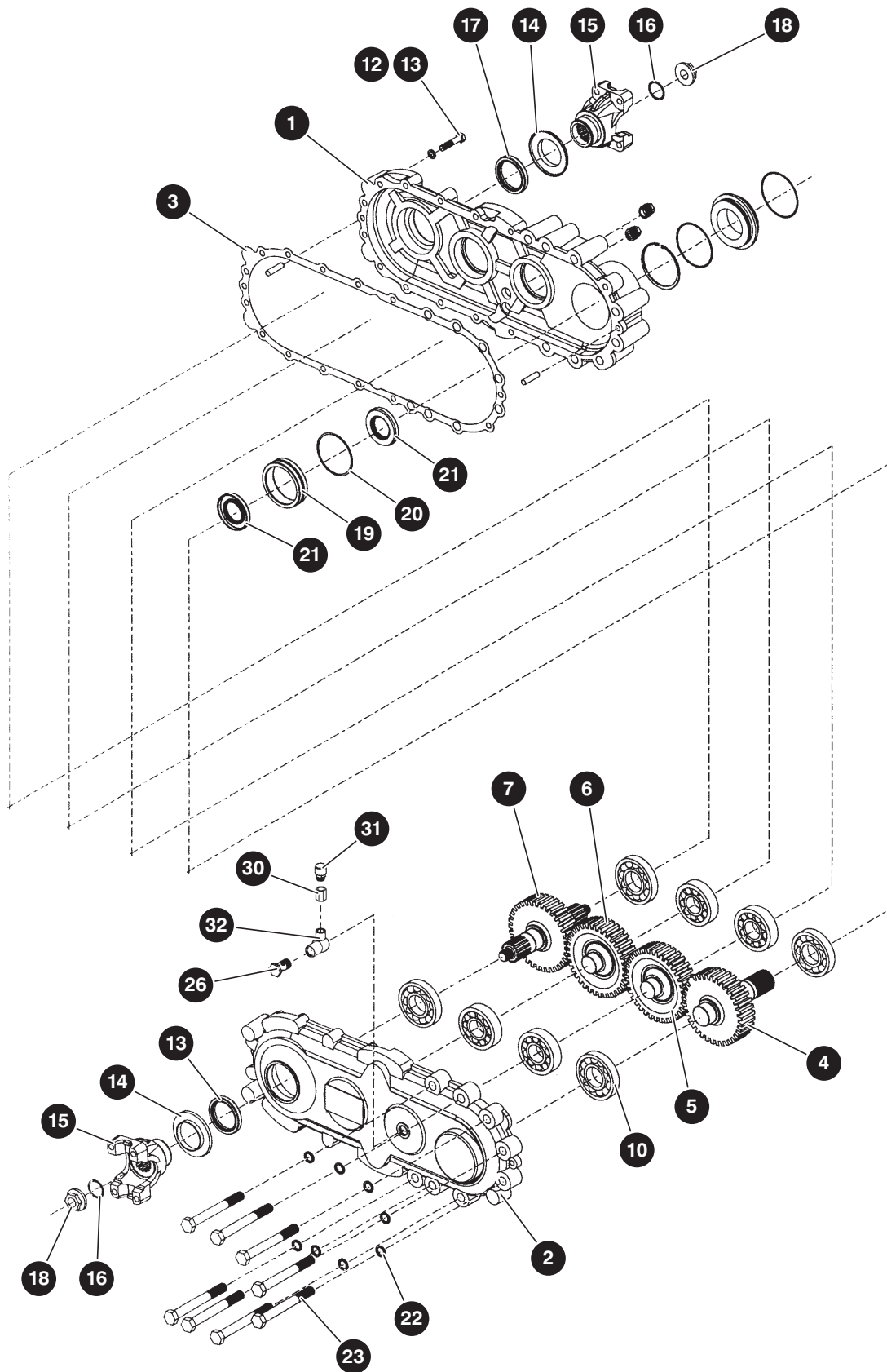
3.10 Transmission - Output Shaft & Control Group



M190024AC-2

3.10 Transmission - Output Shaft & Control Group

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



M190024AC-5

205154AH

84

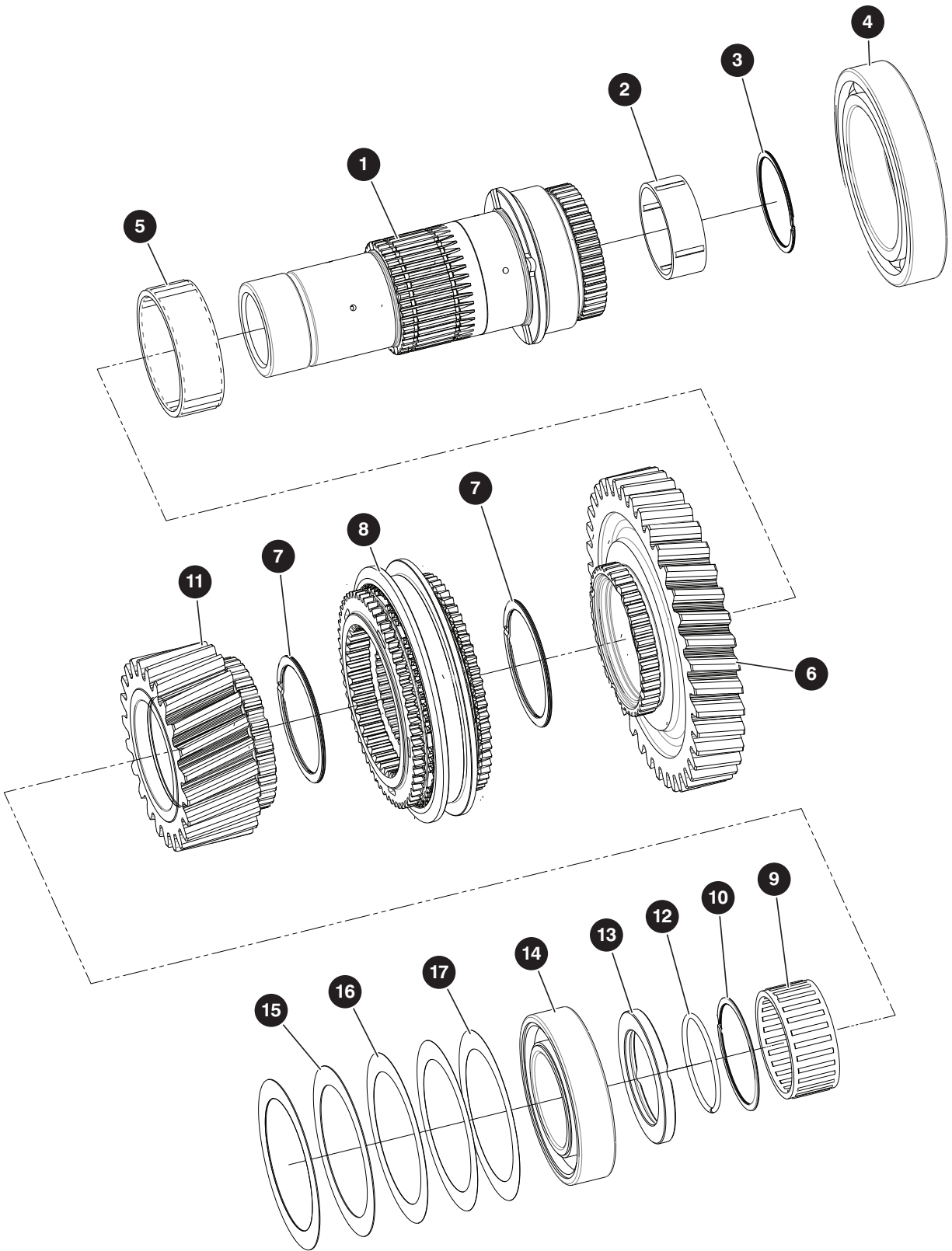
SJ1256 THS

SKYJACK

3.11 Transmission - Drop Box

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

3.12 R1 & H1 Shaft Double Cone Assembly

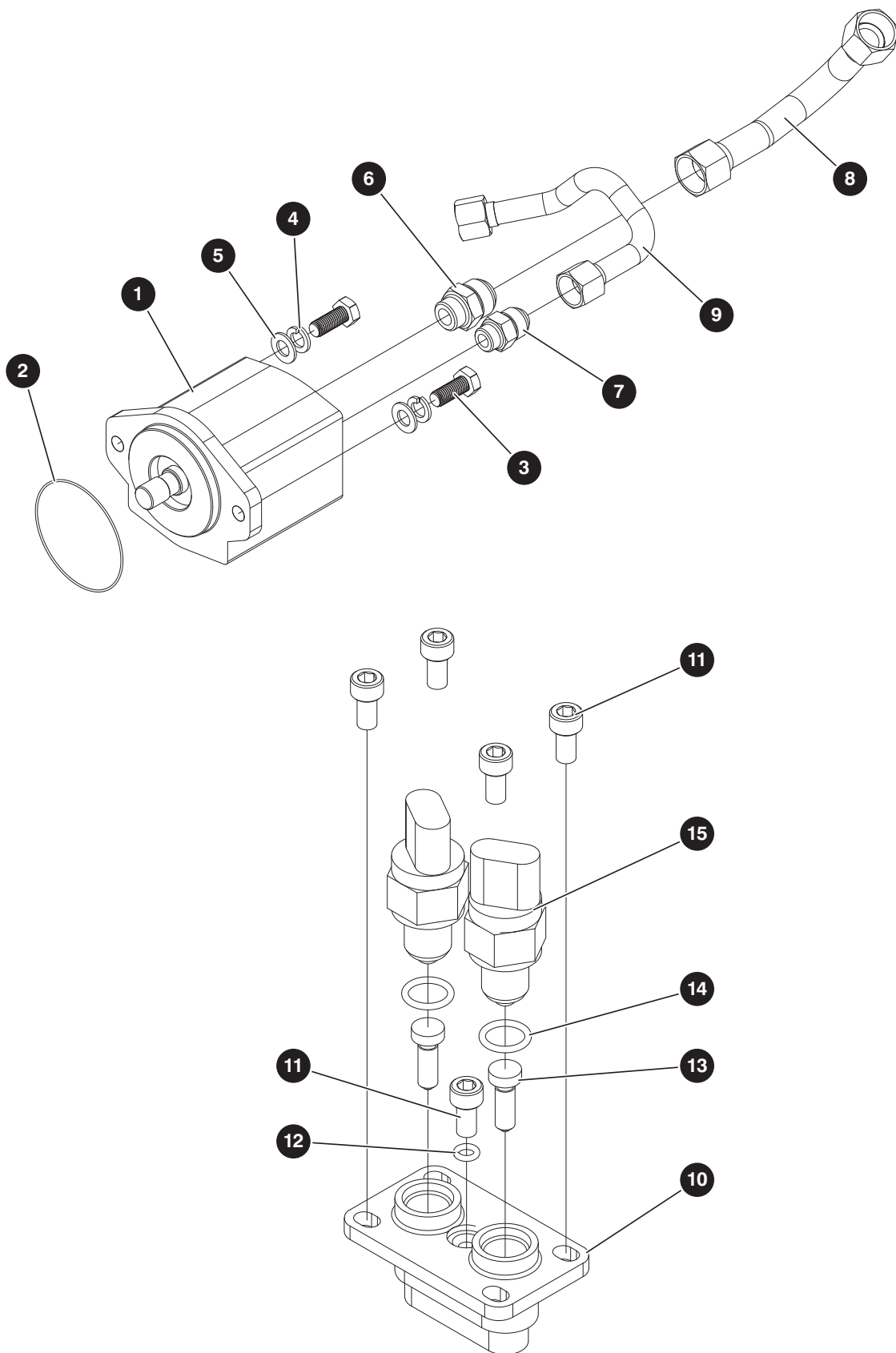


M222751AA

3.12 R1 & H1 Shaft Double Cone Assembly

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

3.13 Pump & Limit Switch Assembly

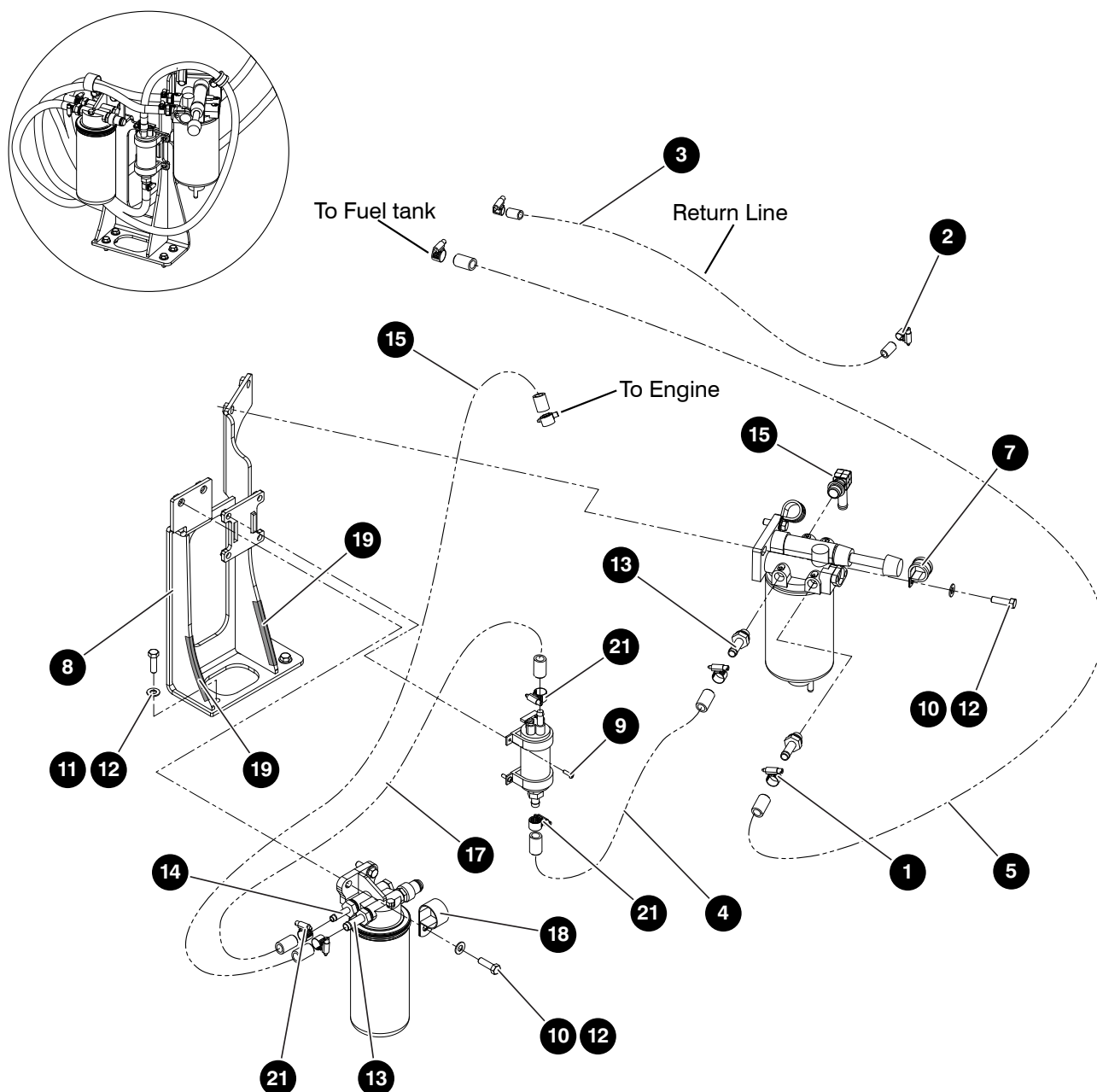


M222827AA_M222830AA

3.13 Pump & Limit Switch Assembly

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

3.14 Fuel Lines

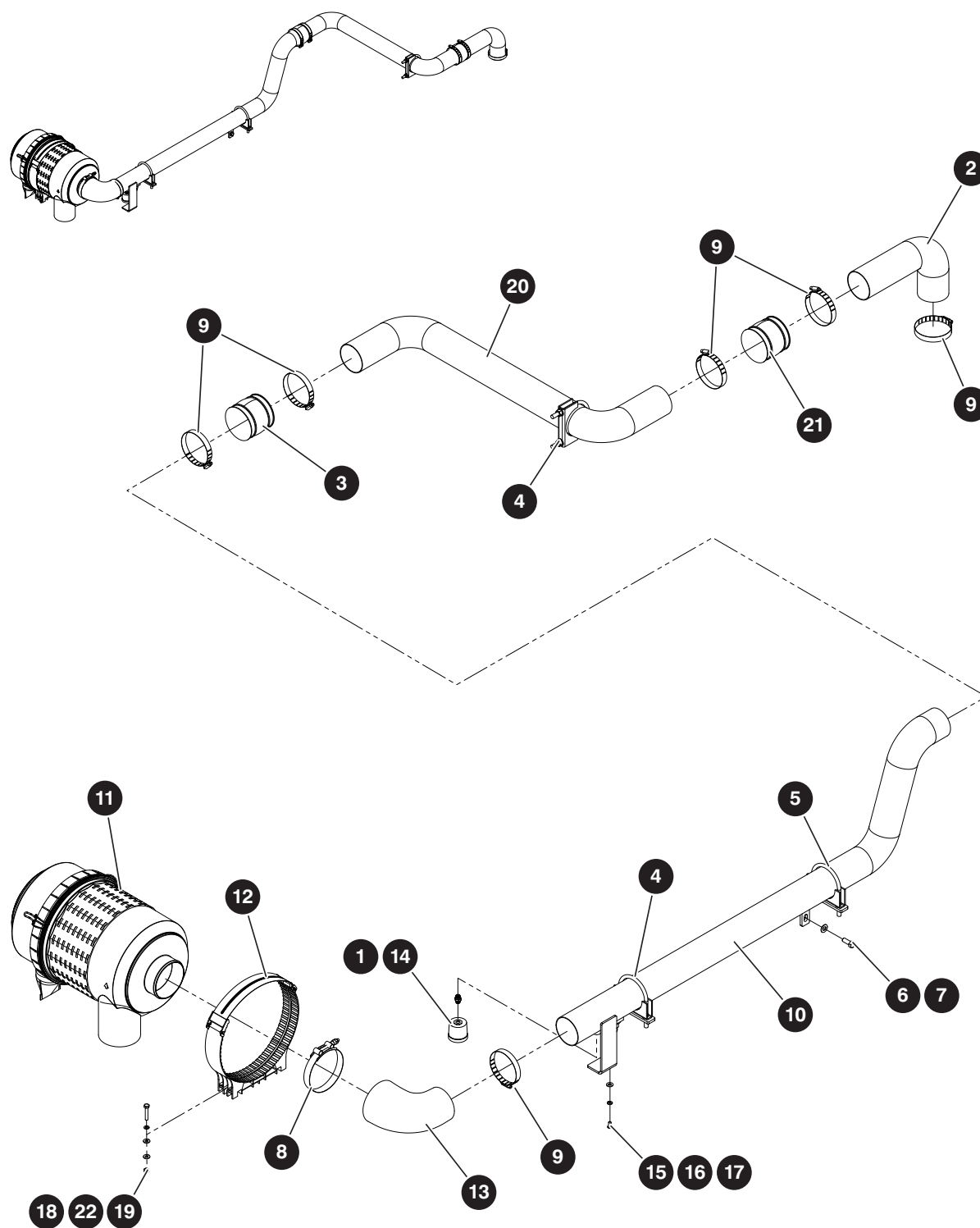


M190056AE

3.14 Fuel Lines

Index No.	Skyjack Part No.	Qty.	Description
-	190056	1	ASSEMBLY, FUEL LINES 3.6L
1	116342	4	• GEAR CLAMP #8
2	103321	2	• CLAMP, Gear (SAE no.4 - 1/4"-13/16")
3	102984	96	• FUEL LINE, 5/16"#47PB-B194
4	163509	32	• HOSE 1/2' 300 PSI, General purpose
5	163509	150	• HOSE 1/2" 300 PSI, General purpose
6	171444	50	• WRAP, Spiral 1" DIA (Not Shown)
7	168707	2	• CLAMP, Loop cushioned x 1 DIA(#16)
-	191125	1	• ASSEMBLY, FUEL FILTERS
8	191338	1	• • WELDMENT, Fuel filter mount
9	120094	4	• • SCREW, Round head machine 10-32 x 5/8"
10	101297	4	• • BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
11	103473	4	• • BOLT, Hex head 3/8"-16 X 1" Gr. 5
12	103472	8	• • WASHER Flat 3/8"
13	163222	1	• • FUEL HOSE FITTING
14	164977	1	• • FITTING, 3/8" fuel hose
15	210372	1	• • FITTING, 90°(08BEAD - M16ORBM)
16	102893	12	• TIEWRAP, Cable, 14-1/2" black (Not Shown)
17	166737	54	• HOSE, Fuel line 300 PSI, 3/8" ID
18	133241	1	• CLIP, Single S340G26
19	119922	5	• TRIM, Protective 1/4"-1/2"
20	131732	12	• SLLEVE, Nylon hose protection HG-46 (Not Shown)
21	102519	2	• CLAMP, Gear #6

3.15 Air Intake System

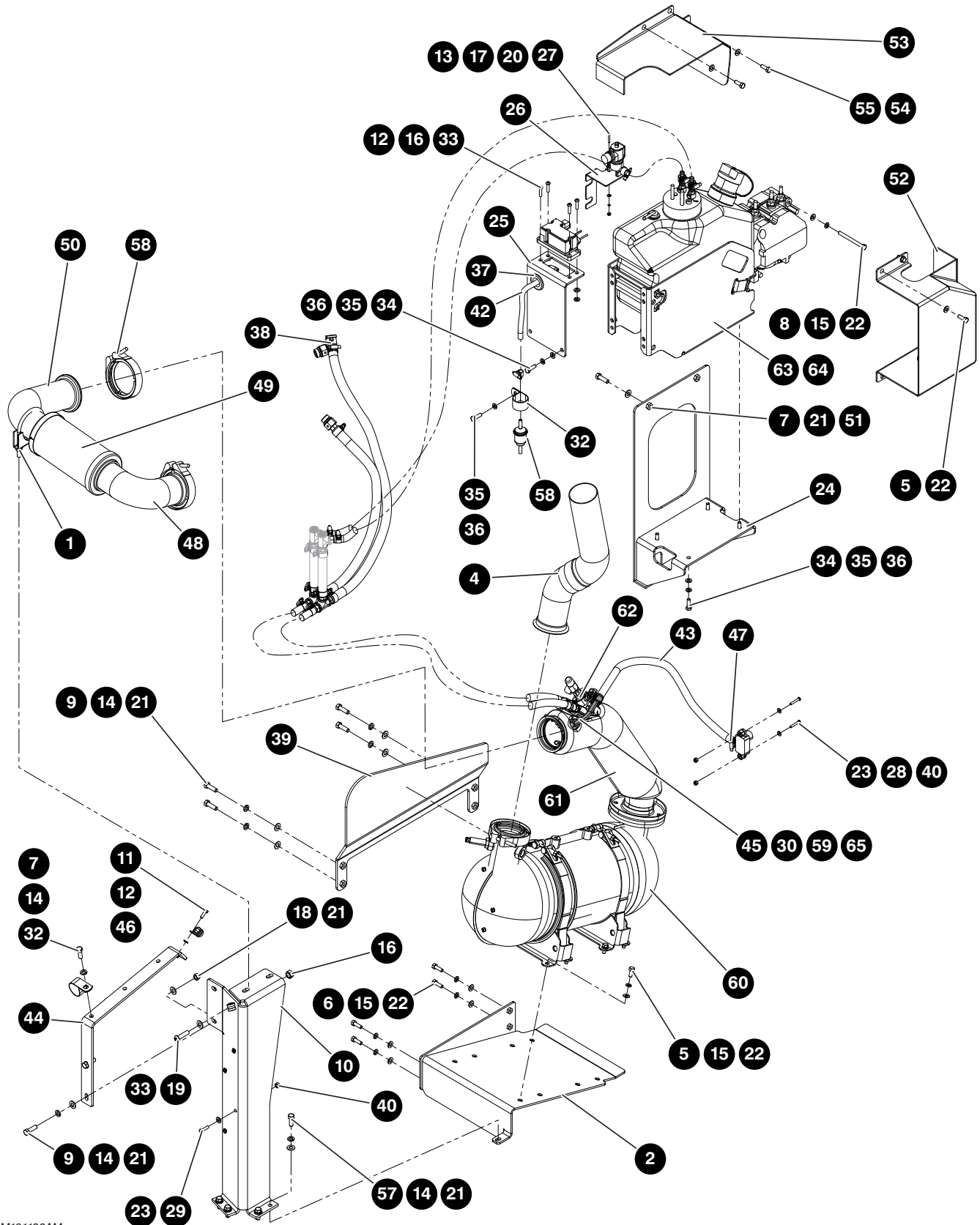


M190635AC

3.15 Air Intake System

Index No.	Skyjack Part No.	Qty.	Description
A	190635	1	ASSEMBLY, AIR INTAKE 3.6L 107 HP
B	223545	1	ASSEMBLY, DEUTZ AIR INTAKE 3.6L 107 HP
1	190384	1	• INDICATOR, Service
2	232470	1	• TUBE, Air intake, Deutz TCD 3.6 T4F - A
-	232471	1	• TUBE, Air intake, Deutz TCD 3.6 T4F 107 HP - B
3	190674	1	• CONNECTOR, Straight
4	928271	3	• CLAMP 3" Exhaust
5	190480	2	• BRACKET, Exhaust support
6	103472	4	• WASHER, 3/8" zinc plated
7	101632	4	• BOLT, Hex head 3/8"-16 x 3/4" Gr. 5
8	412578	1	• CLAMP, 4-1/4" - 4-9/16" B9200-0425B
9	138666	6	• CLAMP, Hose (3.50)
10	191056	1	• ASSEMBLY, Tube air intake, Deutz TCD 3.6 - A
-	223544	1	• ASSEMBLY, Tube air intake, Deutz TCD 3.6 - B
11	191051	1	• AIR CLEANER, EP500
-	197221	1	• • Filter, Primary element
-	197222	1	• • Filter, secondary element
12	191052	1	• BRACKET, Air cleaner - EP500
13	204198	1	• HOSE, Elbow 90°, 3" to 4" reducer
14	191734	1	• ADAPTER, Male-male M10X1, male M10X1
15	103995	1	• WASHER, Flat zinc 1/4"
16	104000	1	• WASHER, Lock 1/4"
17	300060	1	• BOLT, button head cap screw 1/4"-20 x 1/2"
18	103885	2	• BOLT, Hex head 5/16"-18 x 1-3/4" Gr.
19	103984	2	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
20	197251	1	• TUBE, Air intake, Deutz TCD 3.6 T4F
-	223549	1	• TUBE, Air intake, Deutz TCD 3.6 T4F
21	199836	1	• CONNECTOR, 3" ID x 3.4" OD x 6.3" L
22	103996	4	• WASHER, 5/16"

3.16 Exhaust Aftertreatment System

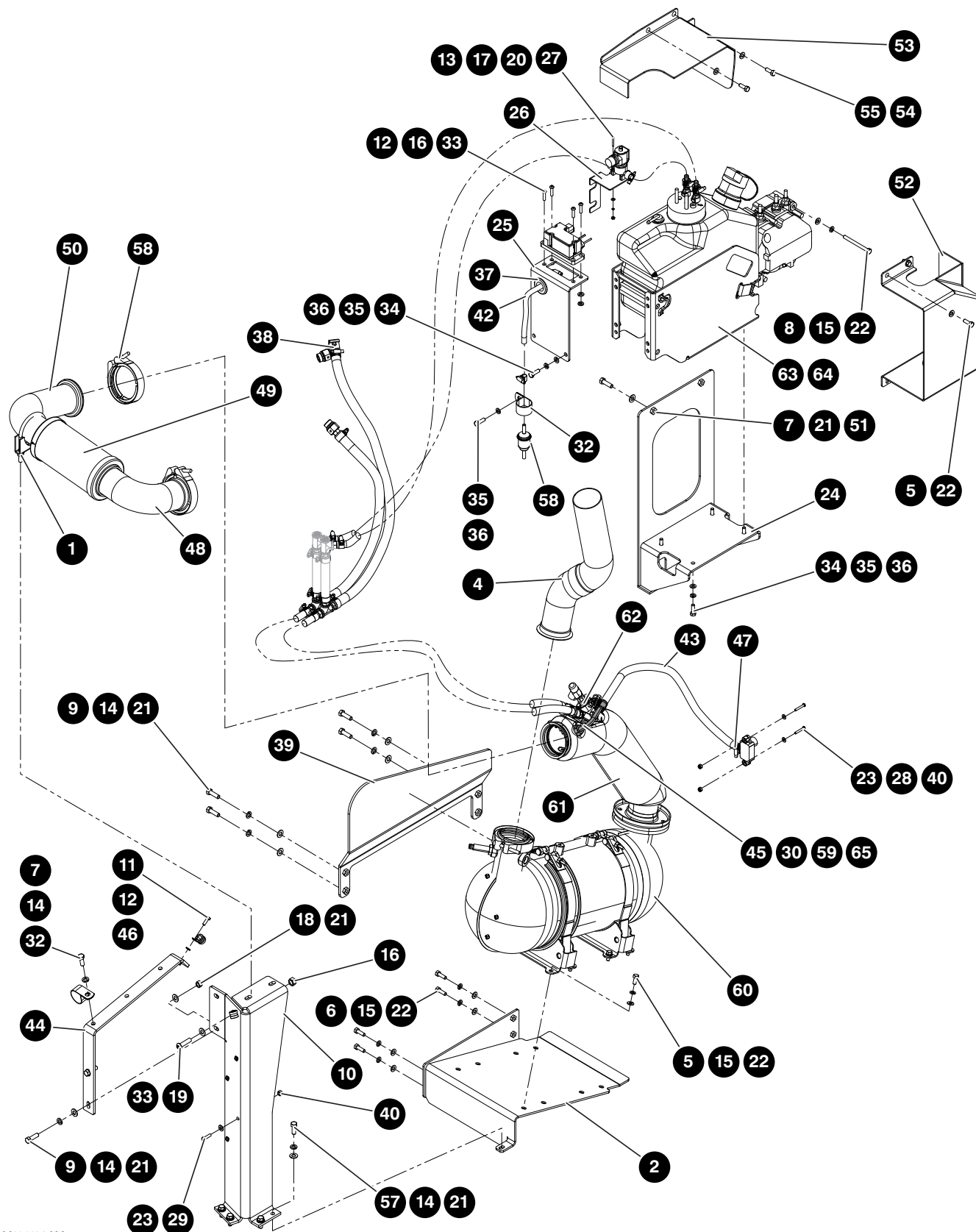


M191126AM

3.16 Exhaust Aftertreatment System

Index No.	Skyjack Part No.	Qty.	Description
-	191126	1	EXHAUST SUBGROUP, 3.6L 107 HP
1	928271	1	• CLAMP, 3" Exhaust
2	190993	1	• WELDMENT, SCR Bracket
3	246312	1	• ADHESIVE, Backed heat barrier (Not shown)
4	190941	1	• TUBE, Exhaust tail 3.6L 107HP
5	103887	12	• BOLT, Hex head 5/16"-18 X 3/4" Gr. 5
6	103864	4	• BOLT, Hex head 5/16"-18 X 1" Gr. 5
7	103473	6	• BOLT, Hex head 3/8"-16 X 1" Gr. 5
8	103868	3	• BOLT, Hex head 5/16"-18 X 3" Gr. 5
9	101297	6	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
10	233040	1	• SUPPORT, Pipe weldment
11	103856	1	• BOLT, Hex head 1/4"-20 X 3/4" Gr. 5
12	104000	5	• WASHER, Lock 1/4"
13	106099	4	• WASHER, Lock #6
14	103999	10	• WASHER, Lock 3/8"
15	103404	15	• WASHER, Lock 5/16"
16	103980	5	• NUT, Hex head 1/4"-20 Gr. 8
17	103985	4	• NUT, Hex 6-32
18	103978	2	• NUT, Hex 3/8"-16 Gr. 5
19	103995	1	• WASHER, Flat 1/4"
20	191833	4	• WASHER, Flat #6
21	103472	20	• WASHER Flat 3/8"
22	103996	15	• Washer Flat 5/16"
23	104694	6	• Washer Flat #10
24	191418	1	• WELDMENT, Def tank mount
25	191759	1	• BRACKET, Def heater mount
26	191780	1	• BRACKET, Def solenoid valve
27	103956	4	• SCREW, Round head machine 6-32 x 1"
28	103961	2	• SCREW, Round head machine 10-24 x 1-1/4"
29	151155	4	• SCREW, Round head machine 10-24 x 1"
30	204231	1	• RING, Cutting
31	103321	2	• CLAMP, Gear (SAE NO.4 - 1/4"-13/16")
32	133241	1	• CLIP, Single S340G26
33	702911	4	• BOLT, Button head cap screw 1/4"-20 x 1
34	933832	2	• WASHER, Flat M8 - OD 16.0
-	-	-	Part list continued in following page

3.16 Exhaust Aftertreatment System

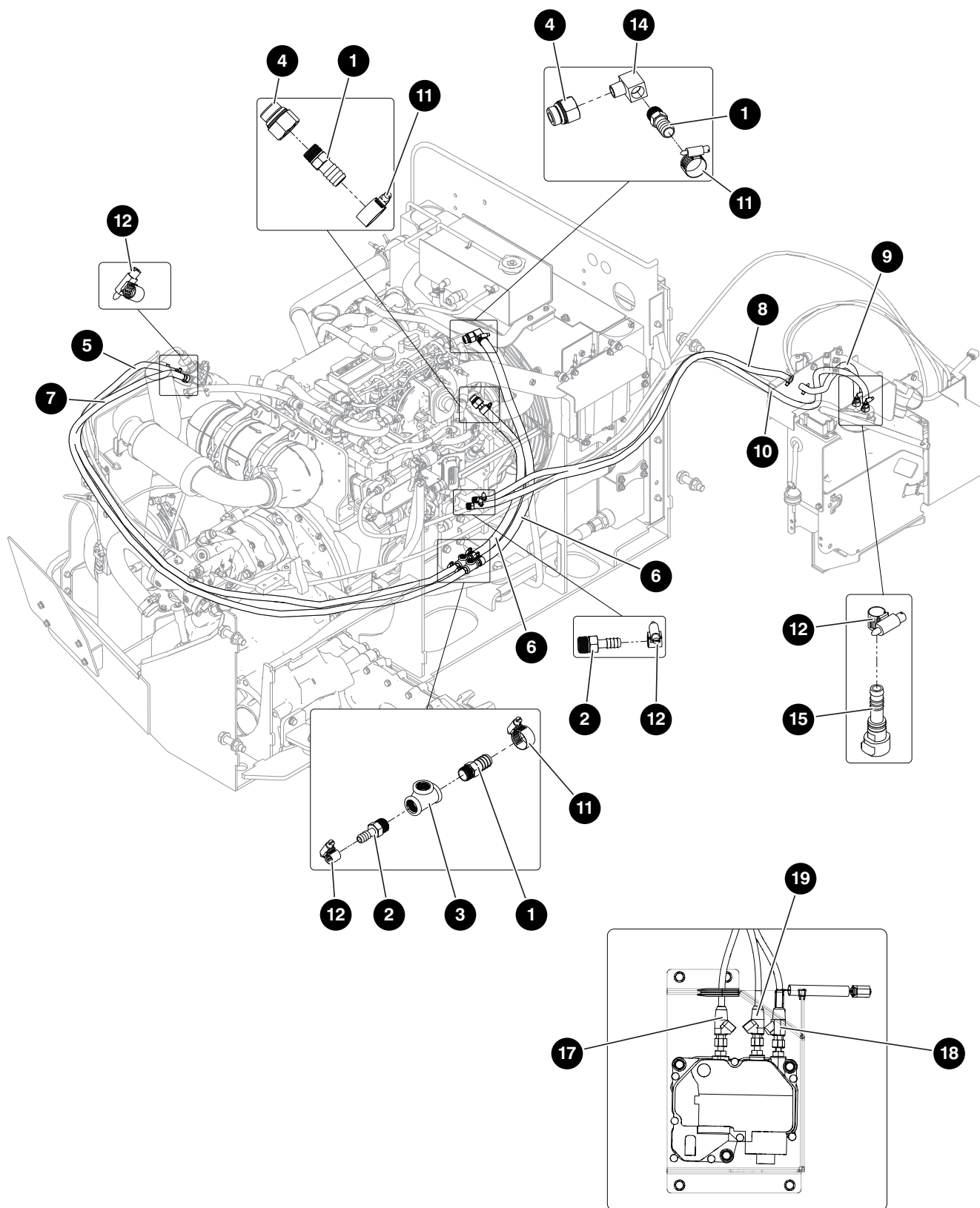


M191126AM

3.16 Exhaust Aftertreatment System

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued from previous page
35	116218	3	• WASHER, Lock M8-Plated DIN 127B
36	933655	3	• BOLT, hex head cap screw M8 - 1-1/4" x 25 CL 8.8 YE
37	144294	1	• GROMMET, Rubber 1" ID x 1-3/8" OD x 3/16"
38	191775	1	• ASSEMBLY, SCR coolant hoses install
39	191784	1	• WELDMENT, SCR guard
40	126642	6	• NUT, Lock with nylon insert 10-24 Gr. 5
41	102893	20	• TIEWRAP CABLE, 14-1/2" Black
42	165739	11	• HOSE, GM Engine rad, overflow
43	163509	28"	• HOSE, Fuel line 3/8" ID, 300 PSI
44	197420	1	• BRACKET, Def line support
45	204229	1	• TUBE, SS 12mm OD
46	103024	1	• CLAMP, Single clip G8
47	116342	2	• CLAMP, Gear #8
-	190966	1	• WELDMENT, Pipe DOC to SCR
48	190964	1	• • PIPE, Doc to Flex
49	190963	1	• • PIPE, Flex 10"
50	190965	1	• • PIPE, Flex to SCR
51	104606	2	• NUT, Lock with nylon insert 3/8"-16 gr5
-	199826	1	• ASSEMBLY, Cover exhaust - 107HP
52	191443	1	• • COVER, DEF supply module
53	191444	1	• • COVER, DEF tank
54	125959	3	• • BOLT, Hex head 3/8"-16 x 3/4 Gr. 5
55	101632	3	• • WASHER, Flat 3/8" Hard
56	204230	1	• NUT, Upper union
57	139193	4	BOLT, Hex head, 3/8"-16 x 7/8" Gr. 8, zinc plated
58	139254	1	FILTER, In-line fuel
59	190481	3	CLAMP, V-band 3"
60	197167	1	CATALYTIC CONVERTER, Selective Catalytic Reduction System
61	197169	1	Mixing tube
62	197170	1	Metering unit
	223203	1	• Sensor
63	197171	1	DEF TANK/RESERVOIR
-	221397	1	• PUMP, DEF Supply
-	223182	1	• FILTER, DEF
-	223186	1	• VALVE, Solenoid
64	197172	1	Level transmitter
65	168707	1	CLAMP, Loop cushioned x 1" DIA

3.17 DEF Lines

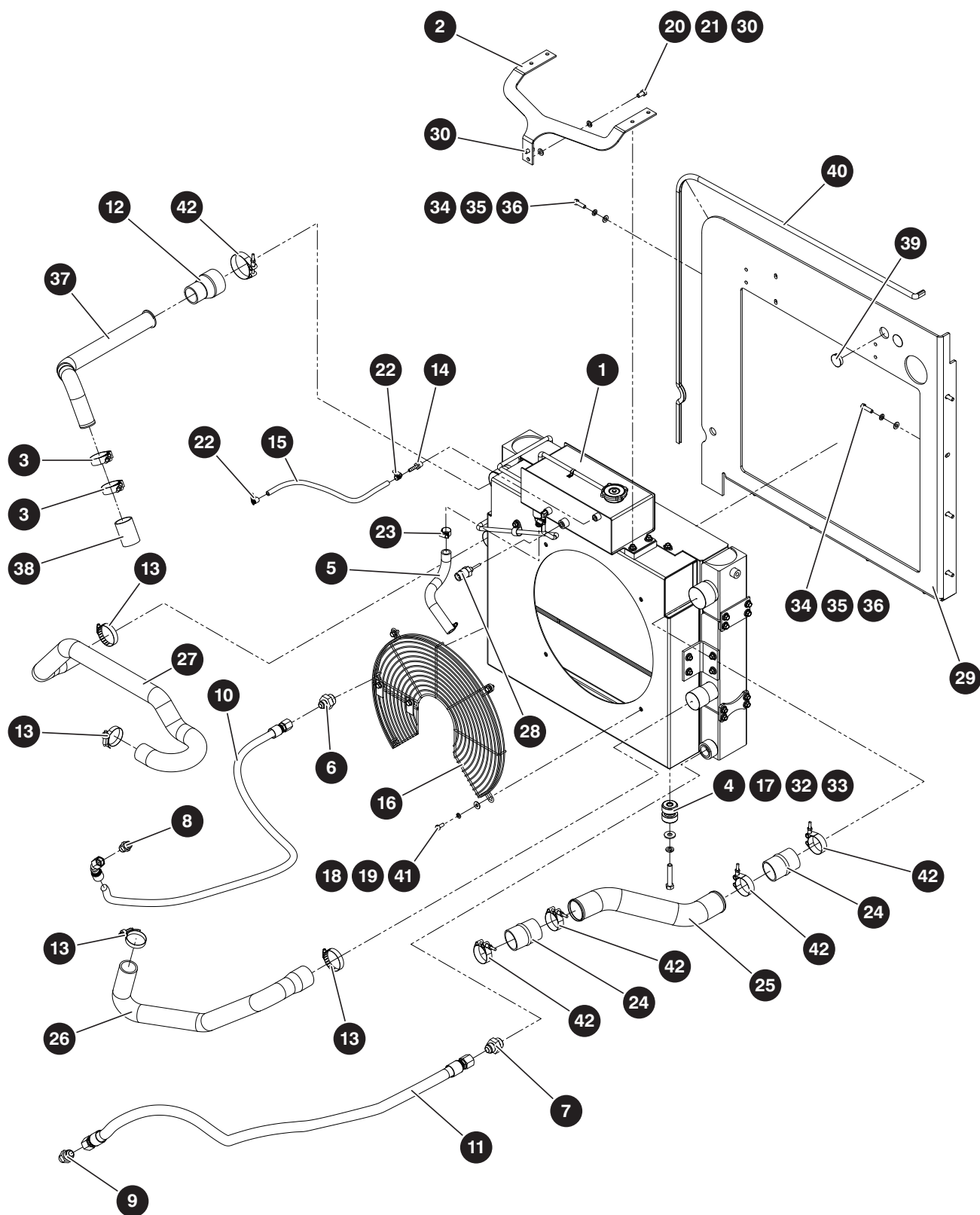


M191775AG

3.17 DEF Lines

Index No.	Skyjack Part No.	Qty.	Description
-	191775	1	DEF LINES
1	191771	6	• HOSE FITTING, 3/8 NPT, 5/8 HOSE
2	191770	6	• HOSE FITTING, 3/8 NPT, 5/8 HOSE
3	191769	4	• TEE, BRASS 3/8 NPT
4	191772	2	• ADAPTER M22X1.5 TO 3/8 NPT /W ORING
5	166737	80	• HOSE 300 PSI- 3/8"
6	191774	4	• HOSE 5/8" ID, 300 PSI
7	166737	81	• HOSE 300 PSI - 3/8"
8	166737	52	• HOSE 300 PSI - 3/8"
9	166737	13	• HOSE 300 PSI - 3/8"
10	166737	66	• HOSE 300 PSI - 3/8"
11	102854	8	• GEAR CLAMP #12
12	116342	10	• CLAMP, HOSE (0.50)
13	102893	20	• TIEWRAP CABLE, 14.5" BLACK
14	413158	1	• BRASS 90 ELBOW 3/8
15	213600	2	• QUICK CONNECTOR, STRAIGHT
16	233208	1	HOSE, DEF to SCR (Not shown)
17	223183	1	• HOSE, BACKFLOW LINE
18	223189	1	• HOSE, PRESSURE LINE
19	223190	1	• HOSE, SUCTION LINE

3.18 Cooling Package Style A - S/N 87 410 201 and below

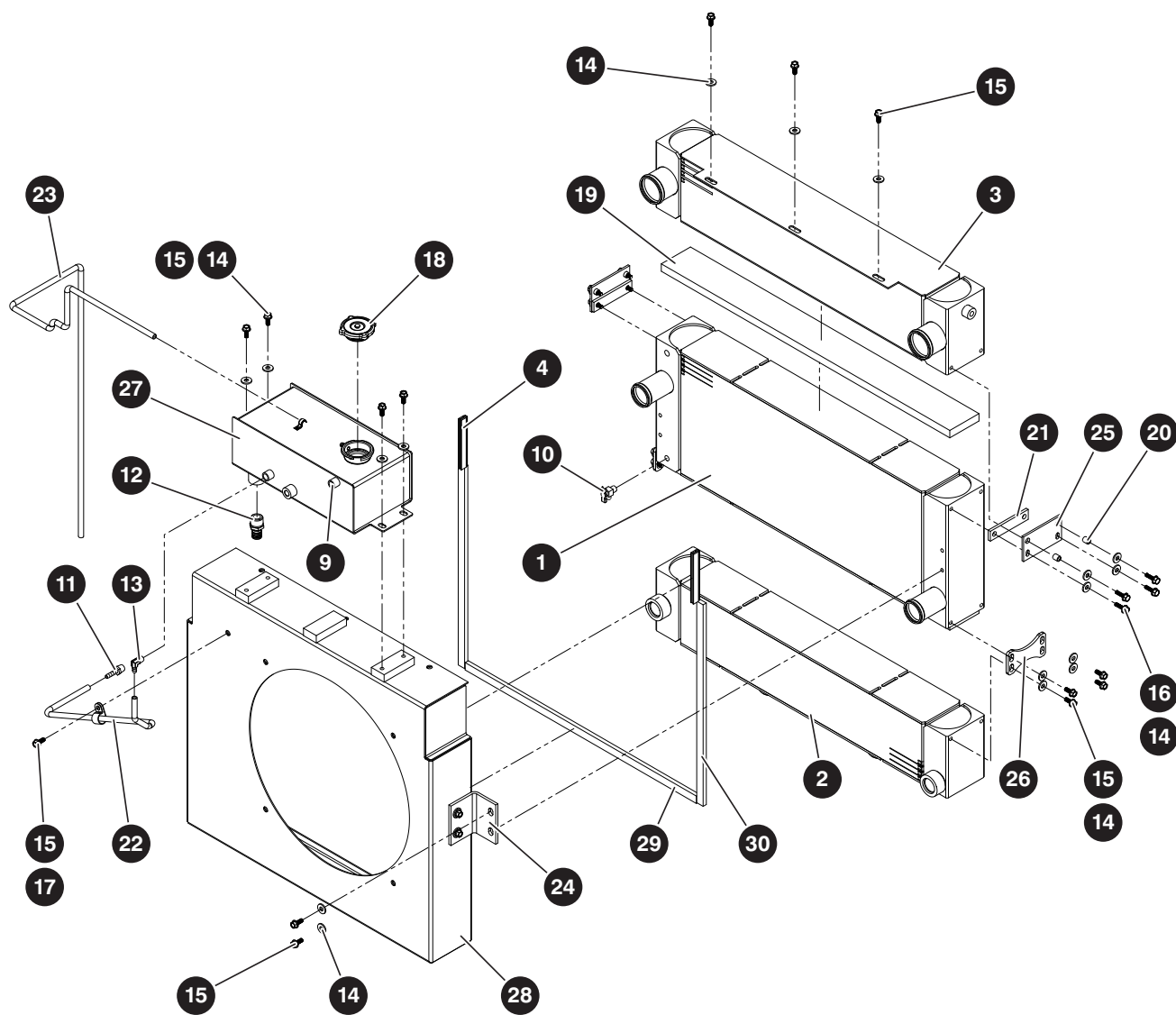


M191200AC

3.18 Cooling Package Style A - S/N 87 410 201 and below

Index No.	Skyjack Part No.	Qty.	Description
-	191200	1	ASSEMBLY, COOLER SUBGROUP 3.6L 107 HP
1	(Ref.)	1	• ASSEMBLY, Cooler, 3.6 DEUTZ T4F (For components, refer to Section 3.19)
2	190721	1	• BRACKET, Cooler mounting - 3.6L
3	197229	3	• CLAMP, T-BOLT 2.120DIA-2.240DIA
4	190428	2	• ISOLATOR, 46.4MM, , 51.21MM, 1/2-13
5	191844	1	• HOSE, Suction - 3.6L
6	160801	1	• FITTING, (16 ORBM TO 10 JICM)
7	702122	1	• FITTING, (16 ORBM TO 12 JICM)
8	137630	1	• FITTING, (10 ORBM TO 10 JICM)
9	702118	1	• FITTING, (12 ORBM TO 12 JICM)
10	H321000500	1	• HOSE - Transmission to oil cooler
11	H311200600	1	• HOSE - Oil cooler to transmission
12	190887	1	• REDUCER, 2-1/2" to 1-3/4" charge air hot side
13	163193	4	• CLAMP, Gear 2.063" - 3.00"
14	166176	1	• FITTING, Hose barb, 1/4" NPTX5/16" hose
15	165739	18	• HOSE, Engine vent
16	191285	1	• FAN GUARD 18"
17	104379	2	• WASHER, Flat 1/2" Hard
18	103887	4	• BOLT, Hex head 5/16"-18 x 3/4" Gr. 5
19	103404	4	• WASHER, Lock 5/16"
20	600572	2	• WASHER, Flat M10-OD 20.0
21	130884	2	• WASHER Lock M10-Plated DIN 127B
22	116342	4	• CLAMP, HOSE (1/2")
23	103320	2	• CLAMP, HOSE (1")
24	164129	2	• HUMP HOSE - 2-1/2"ID - 4" long
25	191124	1	• CAC TUBE, Cooler to air return
26	191278	1	• RADIATOR HOSE, Suction
27	191273	1	• RADIATOR HOSE, Thermostat to cooler
28	165058	1	• SENSOR, Coolant level
29	190774	1	• BAFFLE, 3.6L Deutz T4F
30	933640	2	• BOLT, Hex head M10 x 1-1/2" x 20mm CL 8.8 YE
31	924699	120	• WRAP, Spiral
32	103470	2	• WASHER, Lock 1/2" Gr. 5
33	123855	2	• BOLT, Hex head 1/2"-13 x 2-3/4" Gr. 8
34	125959	9	• WASHER, Flat 3/8" Hard
35	103999	9	• WASHER, Lock 3/8"
36	101297	9	• BOLT, Hex head 3/8"-16 x 1-1/4" Gr. 5
37	191714	1	• CAC TUBE, Turbo to cooler
38	190426	1	• COUPLING, CAC, 44.45 ID X 70
39	197539	2	• PLUG, Snap in for 1-3/8" hole
40	119922	65	• PROTECTIVE TRIM, 1/4-1/2"
41	166164	4	• WASHER, Flat standard 5/16"
42	149493	5	• CLAMP, T-Bolt (2.81-3.09)

3.19 Cooler - Internal Breakdown - S/N 87 410 201 and below

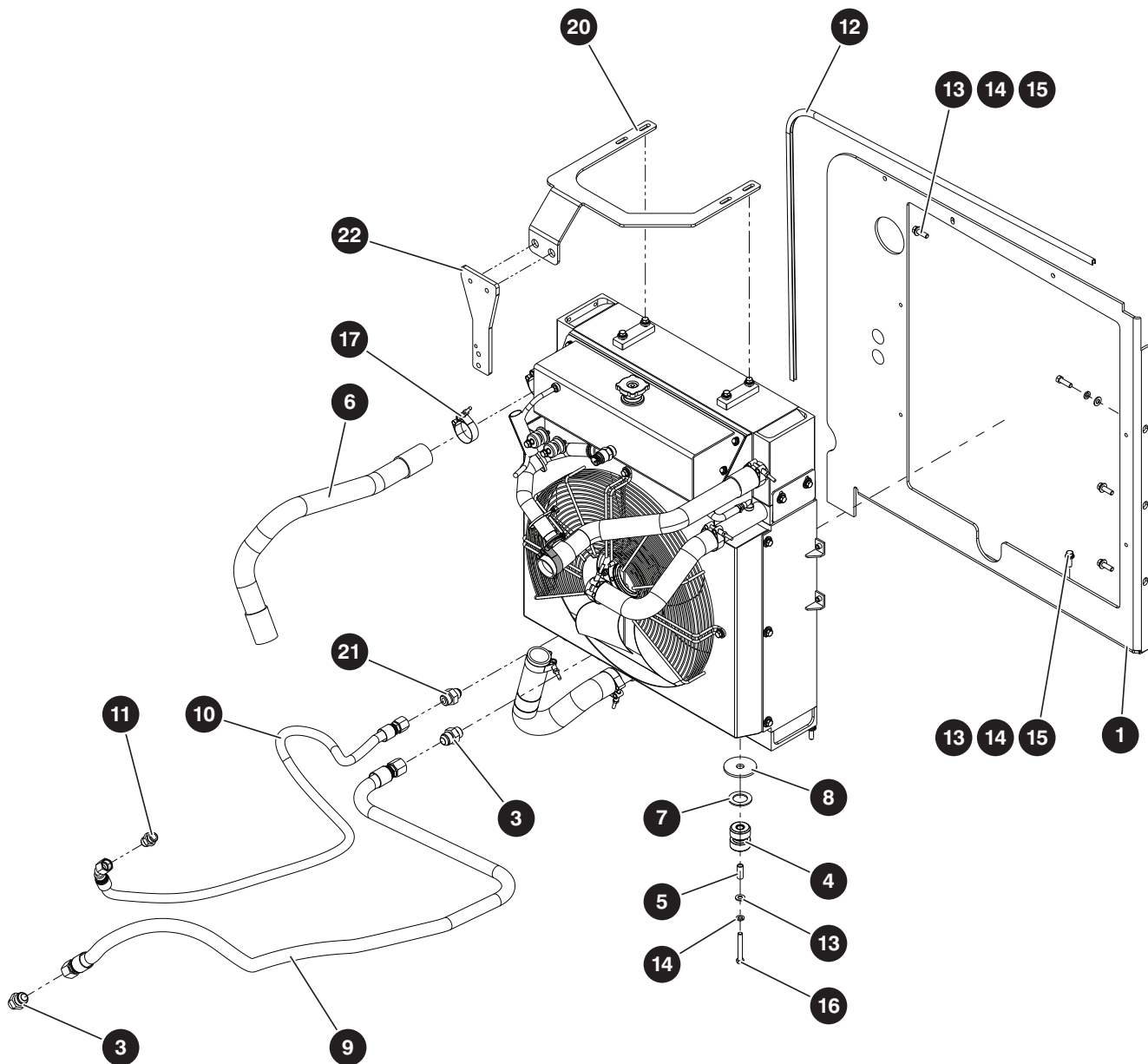


M190683AD

3.19 Cooler - Internal Breakdown - S/N 87 410 201 and below

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

3.20 Cooling Package Style B - S/N 87 410 202 and above



M223215AB

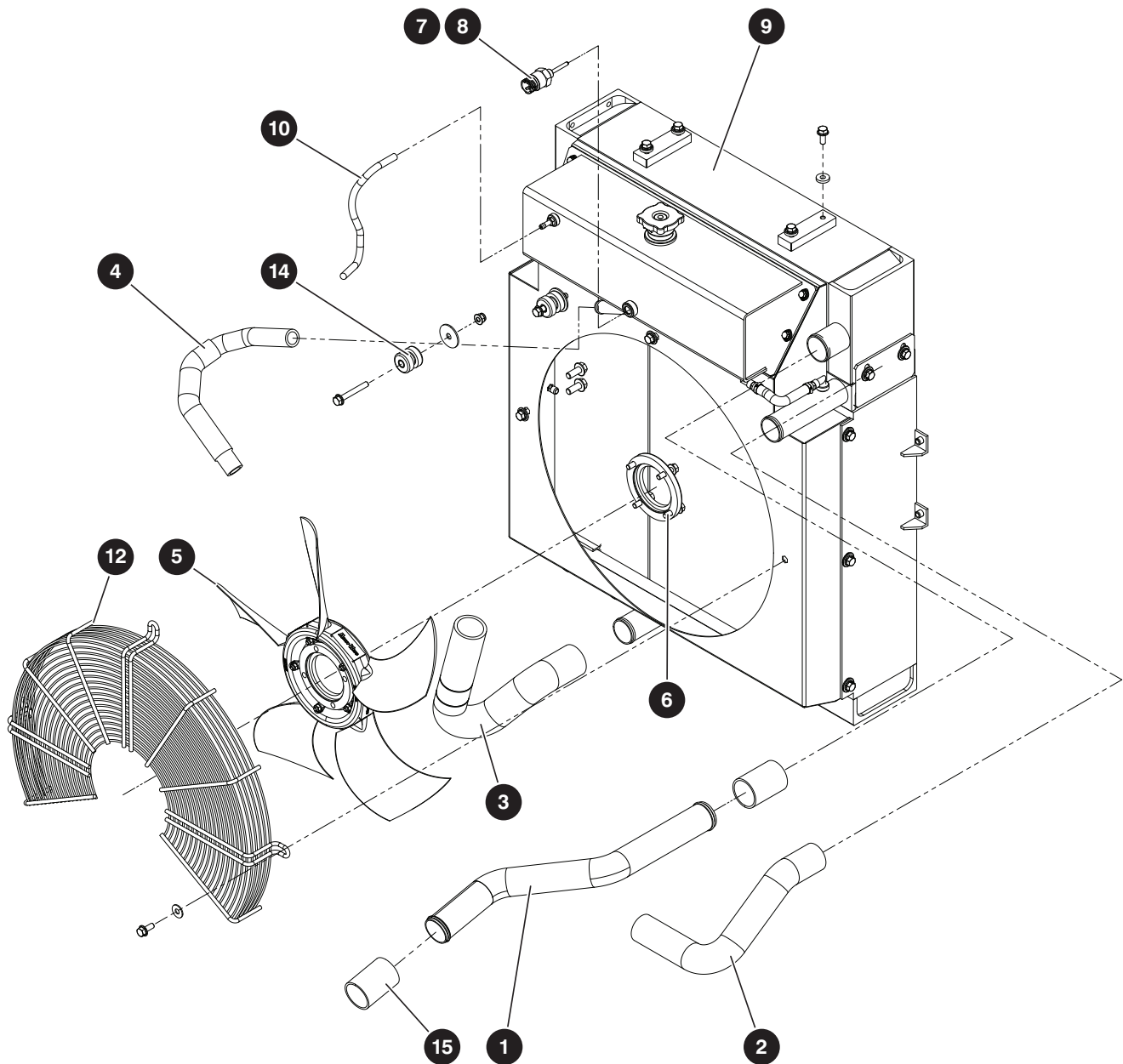
205154AH

SJ1256 THS

3.20 Cooling Package Style B - S/N 87 410 202 and above

Index No.	Skyjack Part No.	Qty.	Description
A	223523	1	ASSEMBLY, COOLER SUBGROUP DEUTZ 3.6L 107 HP
1	223529	1	BAFFLE, 3.6L DEUTZ T4F
2	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
10	H321000500	1	HOSE - TRANSMISSION TO OIL COOLER - A
11	167222	1	FITTING, 45D 10 JICM TO 12 ORBM
12	119922	65	PROTECTIVE TRIM, 1/4-1/2"
13	125959	10	WASHER FLAT 0.375 HARD - A
14	103999	10	WASHER, LOCK 0.375
15	101297	8	BOLT-HEX HD/ZINC (.38-16 X 1.25 / GR5) - A
16	103874	2	BOLT, HXHD 0.375-16 X 2.750 GR5
17	197229	12	CLAMP, T-BOLT 2.120DIA-2.240DIA - A
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)

3.21 Cooler - Internal Breakdown - S/N 87 410 202 and above



M223217AA

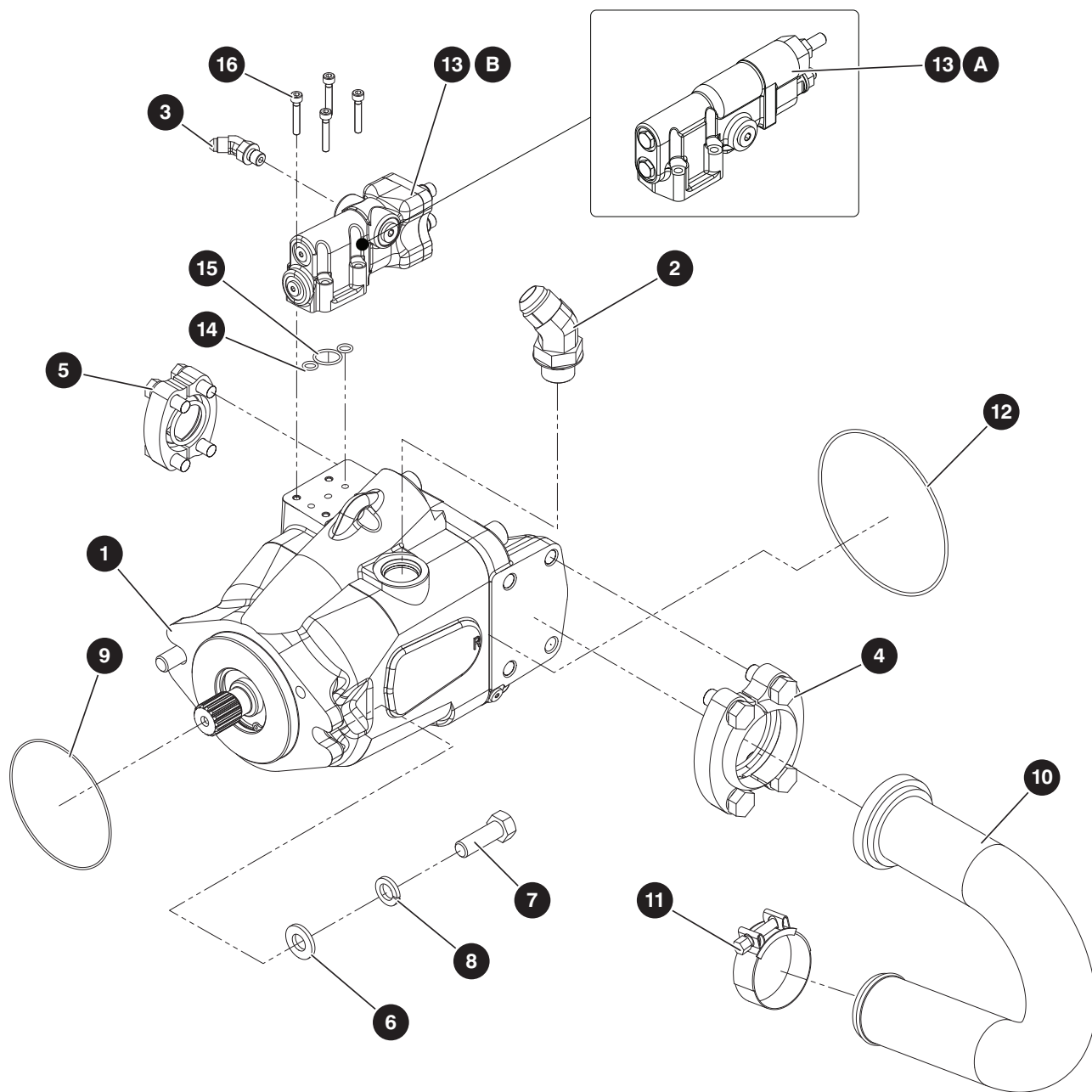
205154AH

SJ1256 THS

3.21 Cooler - Internal Breakdown - S/N 87 410 202 and above

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

3.22 Powershift Transmission Hydraulic Pump



M205479AB

3.22 Powershift Transmission Hydraulic Pump

Index No.	Skyjack Part No.	Qty.	Description
-	205479	1	ASSEMBLY, HYDRAULIC PUMP
1	205221	1	• PUMP - A
-	160638	1	• • KIT, Seal
-	206288	1	• PUMP - B
-	160638	1	• • KIT, Seal
2	131707	1	• FITTING, 45° (12 JICM - 12 ORBM)
3	131716	1	• FITTING, 45° (04 JICM - 04 ORBM)
4	932906	1	• ADAPTER
5	930923	1	• FLANGE, Split
6	104379	2	• WASHER, Flat 1/2" hard
7	103907	2	• BOLT, Hex head 1/2"-13 X 1-1/2" Gr. 5
8	103470	2	• WASHER, Lock 1/2" Gr. 5
9	159878	1	• O-RING, 2-045
10	190888	1	• TUBE, Suction #32
11	191846	1	• CLAMP, Hose Mikalor 563
12	196903	1	O-ring (End Pilot Cover)
13	196918	1	Compensator - A
-	223655	1	Compensator - B
14	196919	2	O-ring (Compensator/Housing)
15	196920	1	O-ring (Secondary Compensator/Housing)
16	196921	4	Screw, Cap (Compensator Mounting)

 **Notes**

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 *Premium Joystick*

4.7 *Front Console*

4.8 *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*

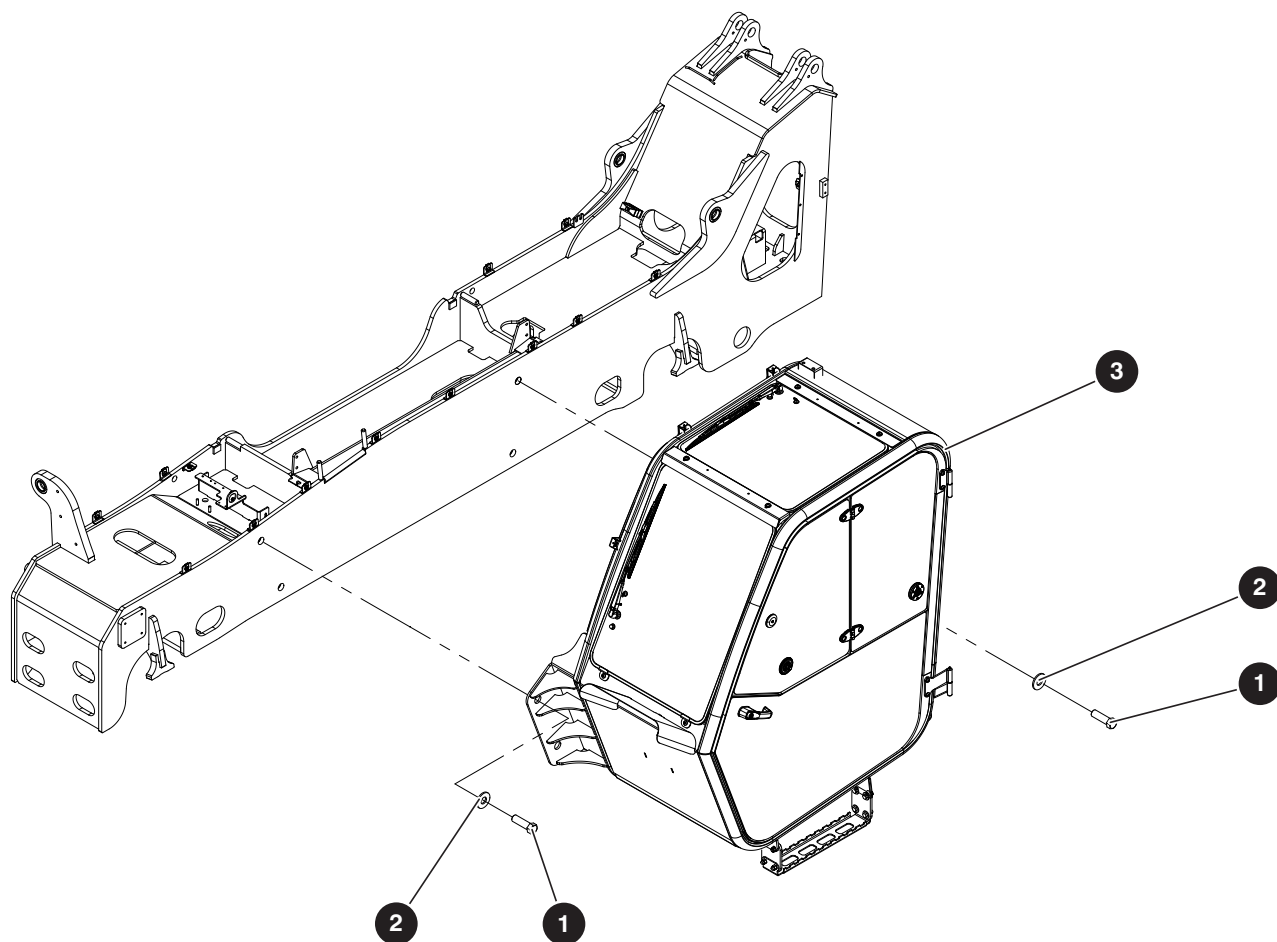
4.20 *A/C Compressor*

4.21 *A/C Condenser*

4.22 *A/C Harness*

4.23 *A/C and Heater Harness*

4.1 Cab Installation



M191788AA-2

205154AH

112

SJ1256 THS

SKYJACK

4.1 Cab Installation

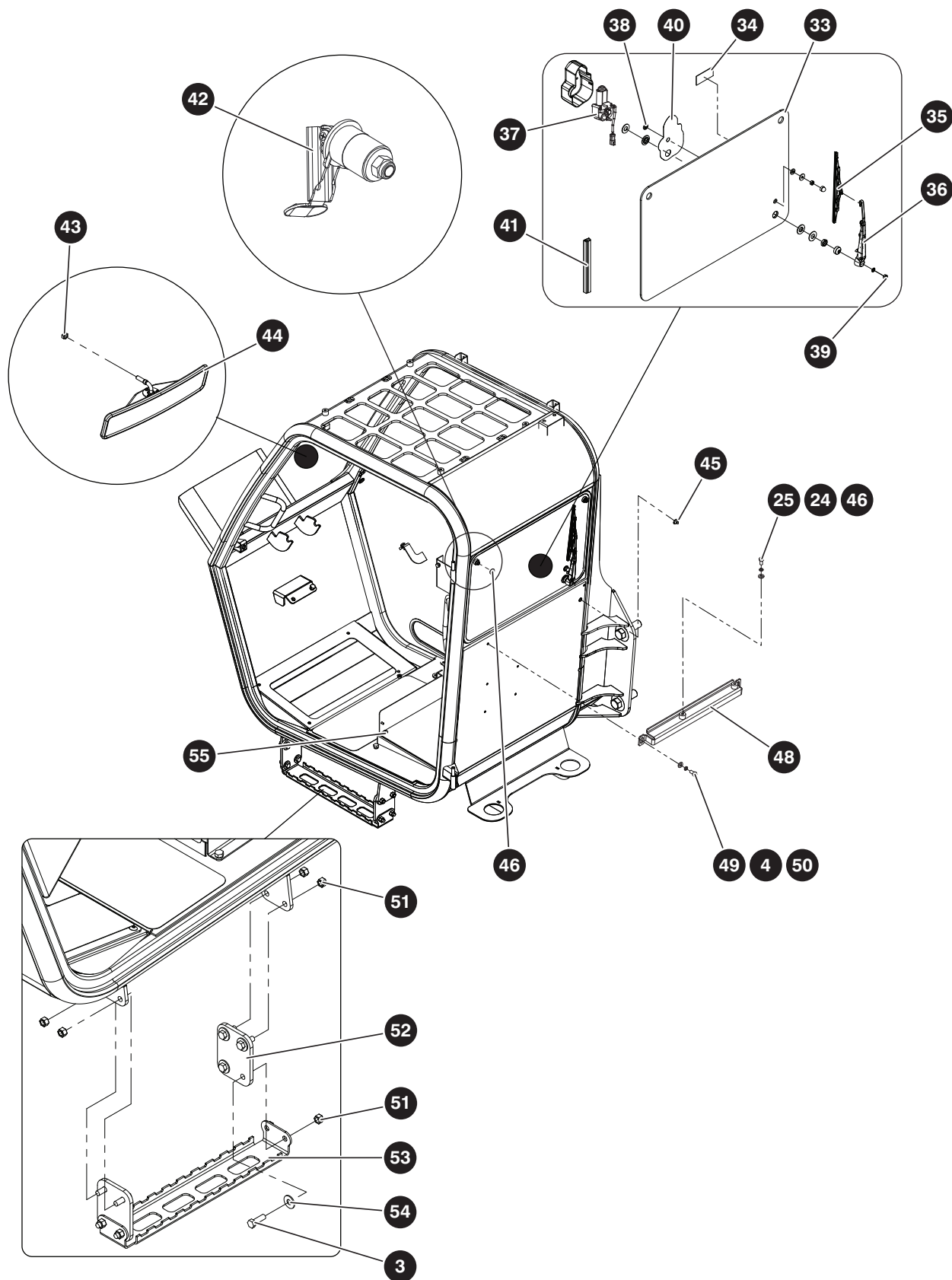
Index No.	Skyjack Part No.	Qty.	Description
A	191788	1	OPEN CAB SUBGROUP
B	191789	1	ENCLOSED CAB SUBGROUP
1	191783	4	• BOLT, Hex head 1-1/4"-7 x 4" Gr. 8
2	923687	4	• WASHER, Flat - 1-5/16"ID x 3" OD x 1/4" Hard
3	(Ref.)	1	• ASSEMBLY, Open cab rops & fops - A (For components, refer to Section 4.2)
-	(Ref.)	1	• ASSEMBLY, Enclosed cab - B (For components, refer to Section 4.16)



4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
-	191777	1	ASSEMBLY, OPEN CAB ROPS & FOPS
1	235139	1	• SEAT, Criod
-	207639	1	• • BELT, Seat
	224575	1	• • KNOB, Adjuster
2	191574	7	• NUT, Hex 3/8"-16 NC SER flanged
3	103907	12	• SCREW, Hex head cap 1/2"-13 NC X 1-1/2" Gr. 5
4	103470	10	• WASHER, Lock, hel spring, 1/2"
5	191569	1	• COVER PANEL, NON-HVAC
6	191524	1	• GASKET, Foam seal
-	191580	1	• ASSEMBLY, SEAT RISER
7	191518	1	• • FOAM SEAL, Soft psa
8	191564	2	• • TETHER, Seat belt
9	191502	1	• • WELDMENT
10	119313	2	• • WASHER, Flat 7/16" type A
11	191531	2	• • SCREW, Hex head 7/16" - 14 NC X 1" Gr. 5
12	235133	13	• • SCREW, Machine 1/4"-20 NC X 5/8" torx
13	191563	1	• • LATCH, Padlockable
14	191747	1	• • SPACER, Catch latch
15	191753	4	• • SCREW, Phillips TMS 6-32 UNC X 1/2" SS
16	924972	4	• • NUT, Lock with nylon insert # 6
-	191587	1	• • ASSEMBLY, Tool door
17	191534	2	• • • NUT, Hex, Lock with nylon insert 7/16" - 14 NC
18	191518	1	• • • SEAL, Foam PSA
19	191506	1	• • • WELDMENT, Tool door
20	191562	1	• • • LATCH, Lockable
21	191539	1	• • PANEL, Tool shelf
22	168208	7	• • NUT, Hex 1/4" - 20 NC
23	191547	1	• • SEAL, Rubber 31 X 1/2"
24	103999	10	• WASHER, Lock, hel spring, 3/8"
25	191542	12	• SCREW, Machine 3/8"-16 NC x 3/4" BH Torx
26	191515	3	• PLUG, Hole 1"
27	191514	4	• PLUG, Hole 2-1/2"
28	191744	1	• PANEL, Seat Riser
29	198789	1	• MANUAL BOX
30	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

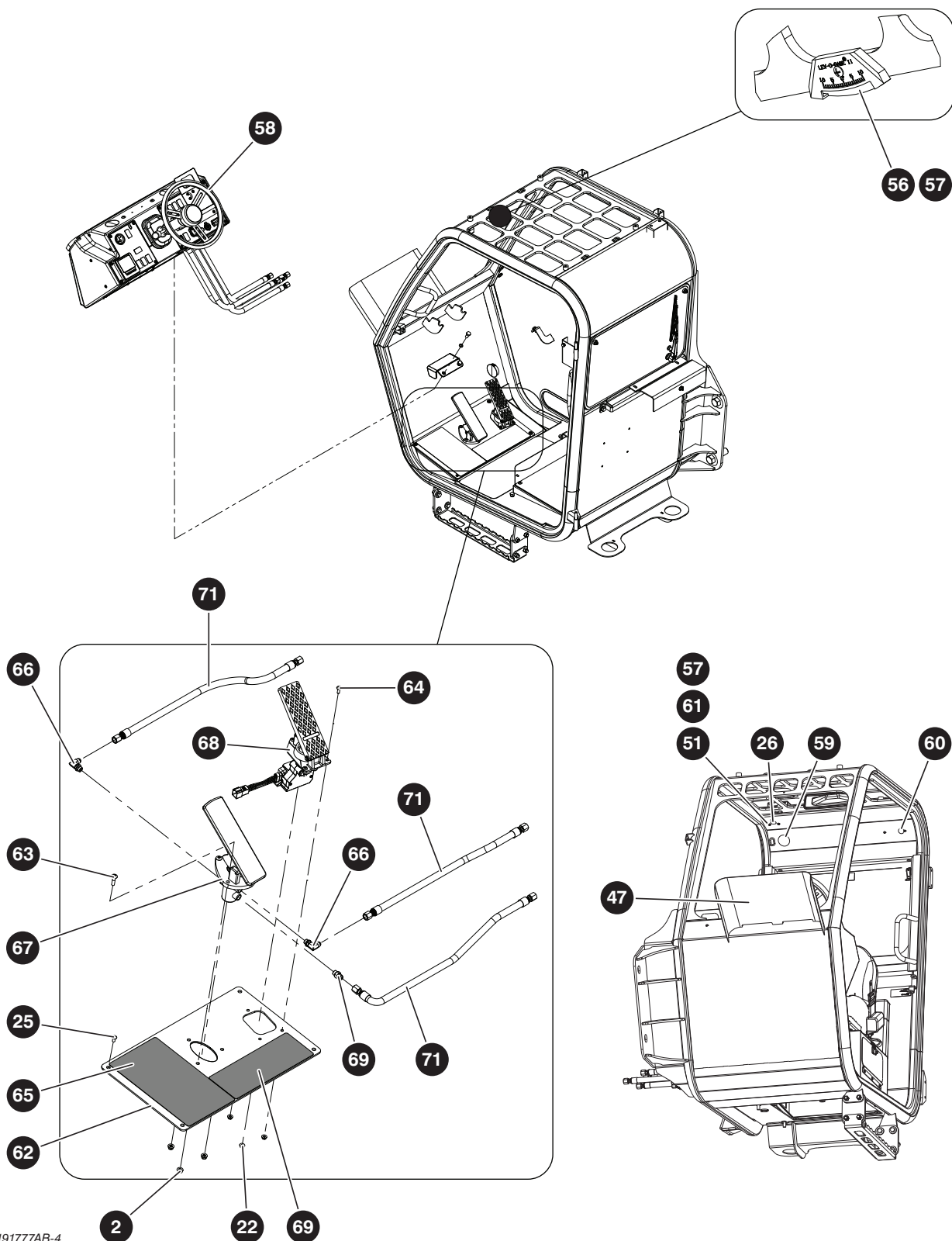


M191777AE-3

4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued from previous page
-	191590	1	• ASSEMBLY, REAR WINDOW WITH WIPER
33	191530	1	• • WINDOW, Rear
34	191553	1	• • DECAL, Emergency exit
35	191554	1	• • WIPER, Blade. 300 mm
36	191555	1	• • WIPER, Arm 260 mm
37	191556	1	• • WIPER, Motor LH park
38	191557	1	• • MOUNT, M8 hardware
39	191558	1	• • MOUNT, M16 hardware
40	191559	1	• • WIPER, Window sticker
41	191566	1	• • SEAL, Bubble 90° rear
42	204288	2	• LATCH, Swell anchor
43	933625	1	• NUT, HEX, M8 X 1 .25, DIN 934
44	191521	1	• MIRROR HEAD, Stud mount
45	191525	1	• FITTING, Wiper hose
46	103472	6	• WASHER, Flat 3/8" Type A ,W SER
47	232518	1	• PLATE, Fender
48	191932	1	• WELDMENT, Retainer, fuel tank
49	103911	2	• SCREW, Hex head cap 1/2"-13 NC X 1" Gr. 5
50	191536	2	• WASHER, Flat 1/2" type A,N SER
-	191581	1	• ASSEMBLY, STEP
51	702507	11	• • NUT, Lock hex 1/2"- 13 NC
52	191526	2	• • BELTING, Step bar
53	191745	1	• • PANEL, Step
54	137241	8	• • WASHER, Flat 1/2" type A,W SER
55	191677	4	• SCREW, Machine 5/16"-18 NC x 1/2" TH Torx
			Part list continued in following page

4.2 Open Cab

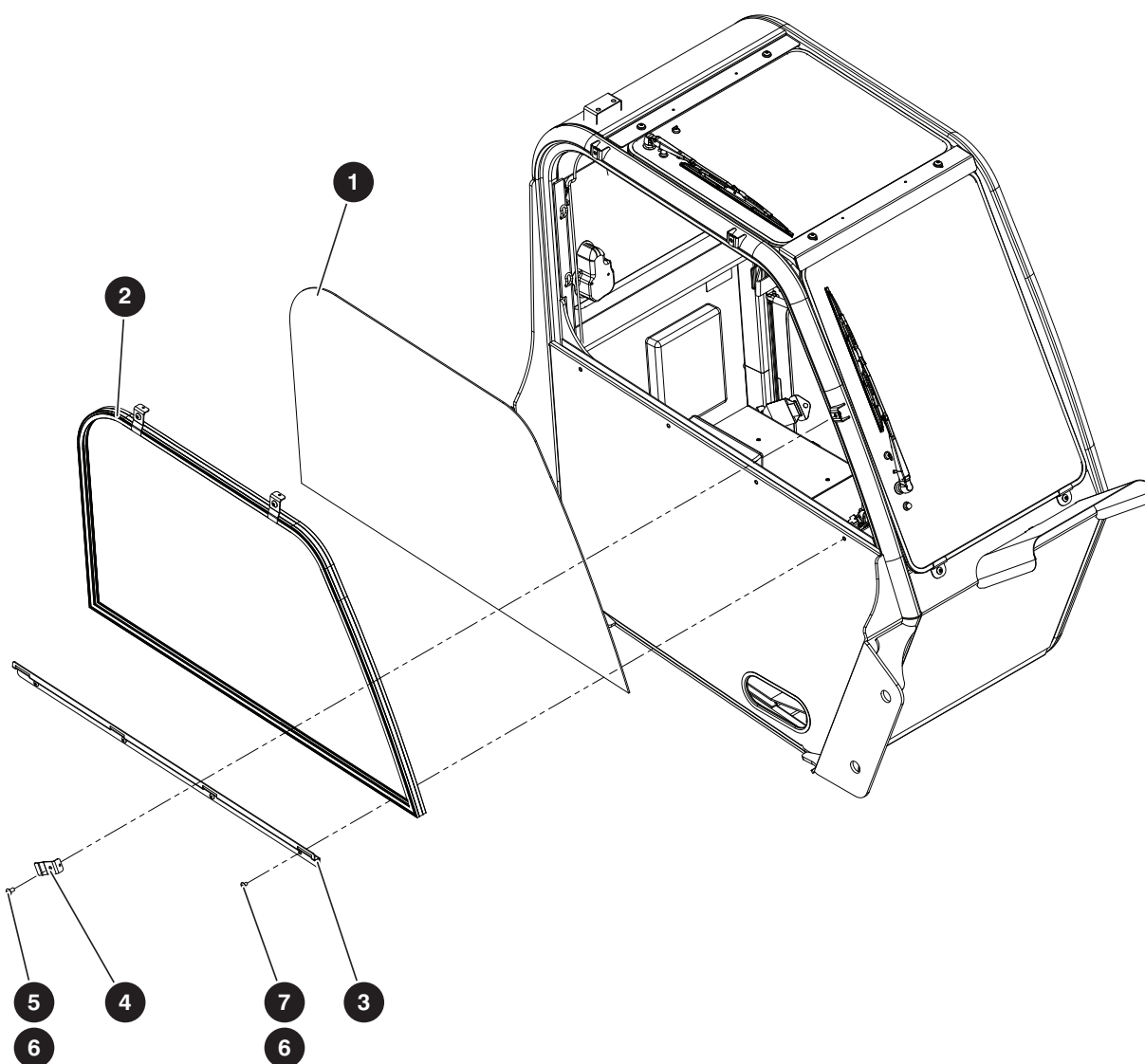


M191777AB-4

4.2 Open Cab

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued from previous page
56	928355	1	• LEVEL INDICATOR
57	138834	4	• SCREW, Machine #10-24 NC X 3/4" philips
58	(Ref.)	1	• ASSEMBLY, Dash front (For components, refer to Section 4.7)
59	191512	1	• HOLE PLUG, Plastic, 2.09" DIA
60	103957	2	• SCREW, Machine #8-32 NC x 1/2" philips
61	104185	3	• WASHER, Lock, hel spring, 3/16"
-	191582	1	• ASSEMBLY, FLOOR PEDALS
62	191746	1	• • PLATE, Pedal mounting
63	235136	3	• • SCREW, Machine, 5/16"-18 NC x 1-1/4" TH TRX
64	235133	3	• • SCREW, Machine 1/4"-20 NC X 5/8" torx
65	191529	1	• • TAPE, Anti-skid PSA
66	114578	2	• • FITTING, 90° (06 JICM - 06 ORBM)
67	926370	1	• • BRAKE PEDAL, Hydraulic
68	152201	1	• • PEDAL,Throttle
69	191546	1	• • TAPE, Anti-ski d psa
70	103069	1	• • FITTING - Straight (06 JICM - 06 ORBM)
71	H310601260	3	• • HOSE, Brake line port T (3/8" / 100R17 x 126" long)

4.3 Open Cab Side Window

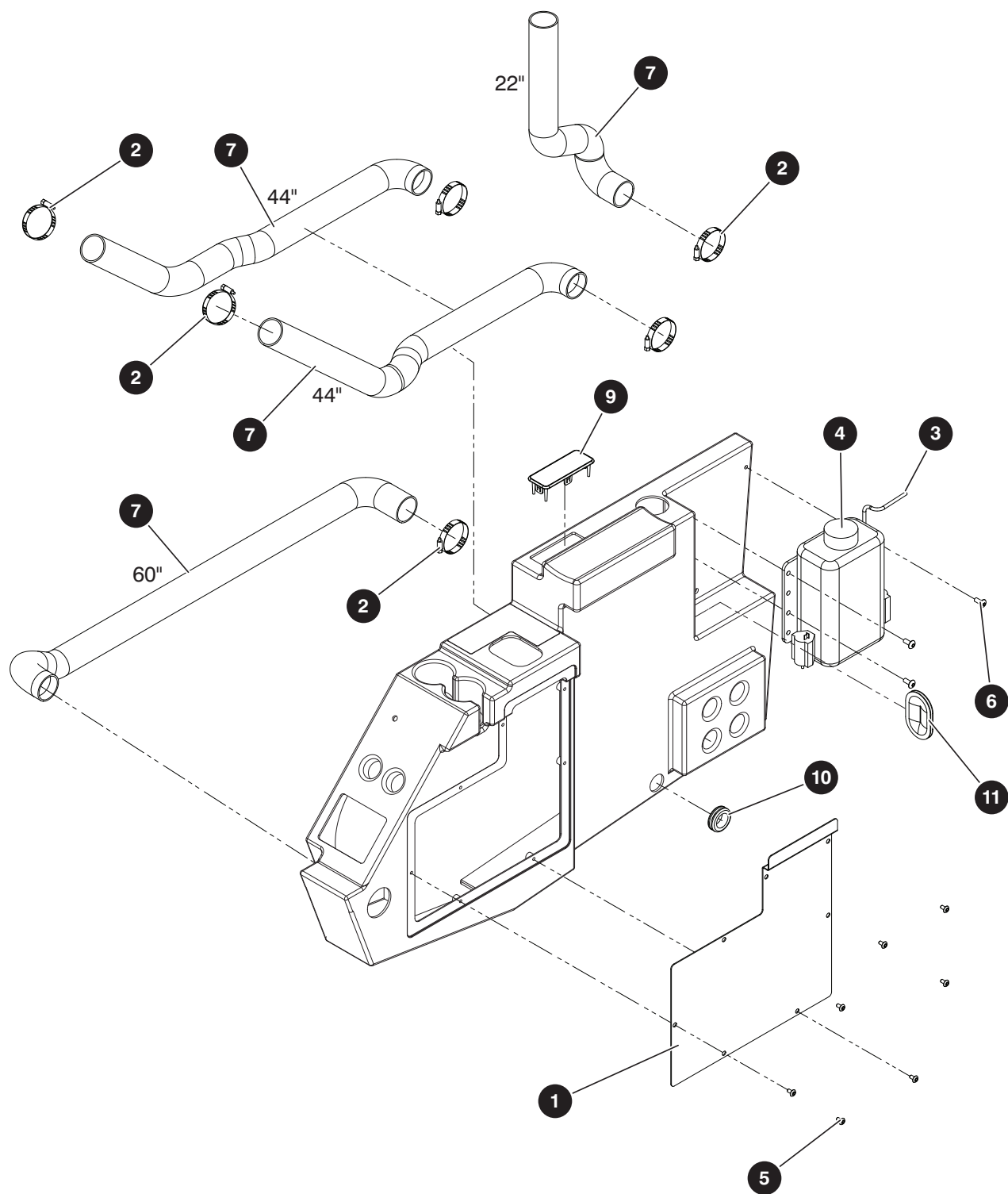


M191777AB-2

4.3 Open Cab Side Window

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

4.4 Right Hand Console

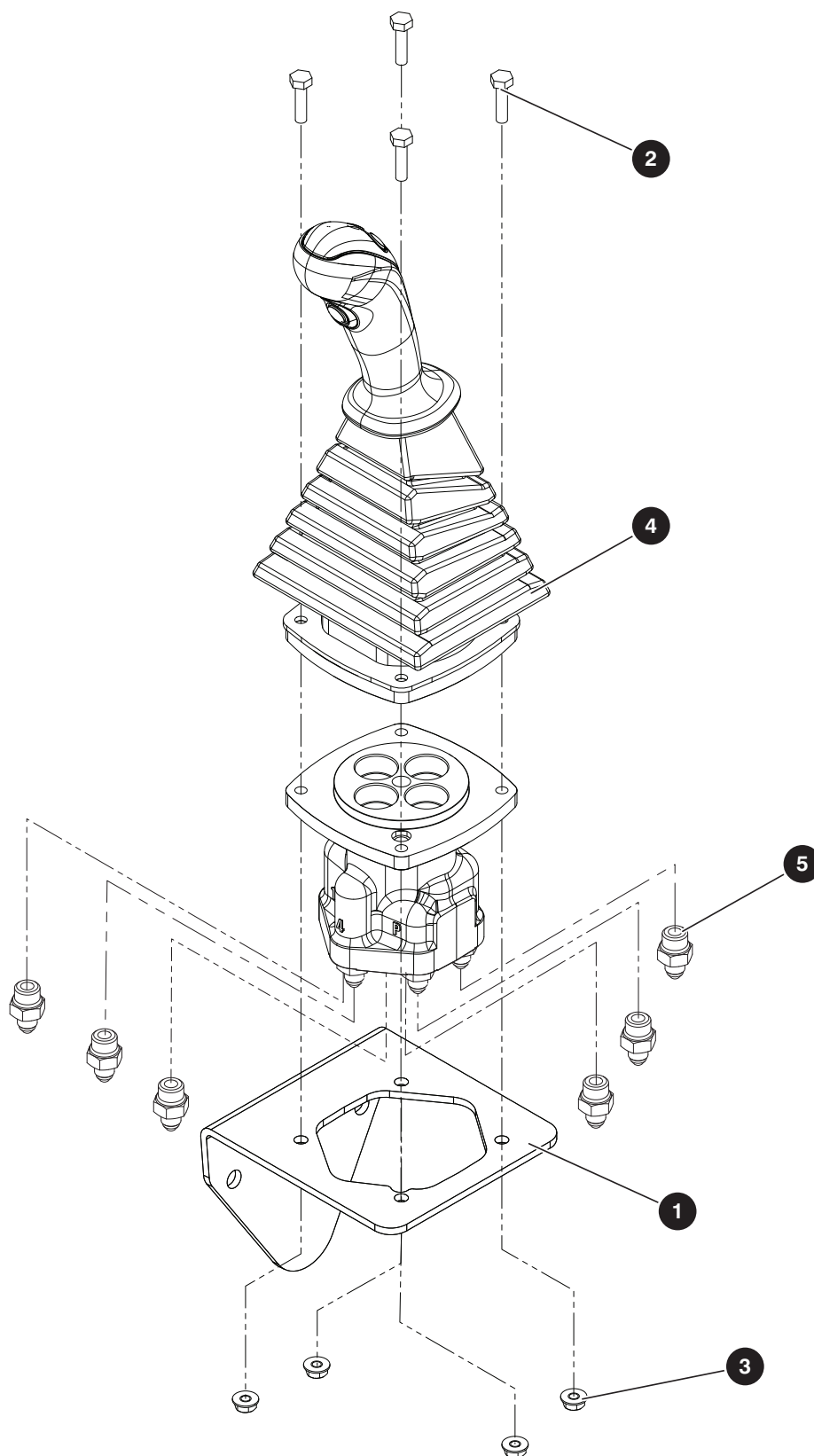


M119584AA-1

4.4 Right Hand Console

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

4.5 Joystick Control

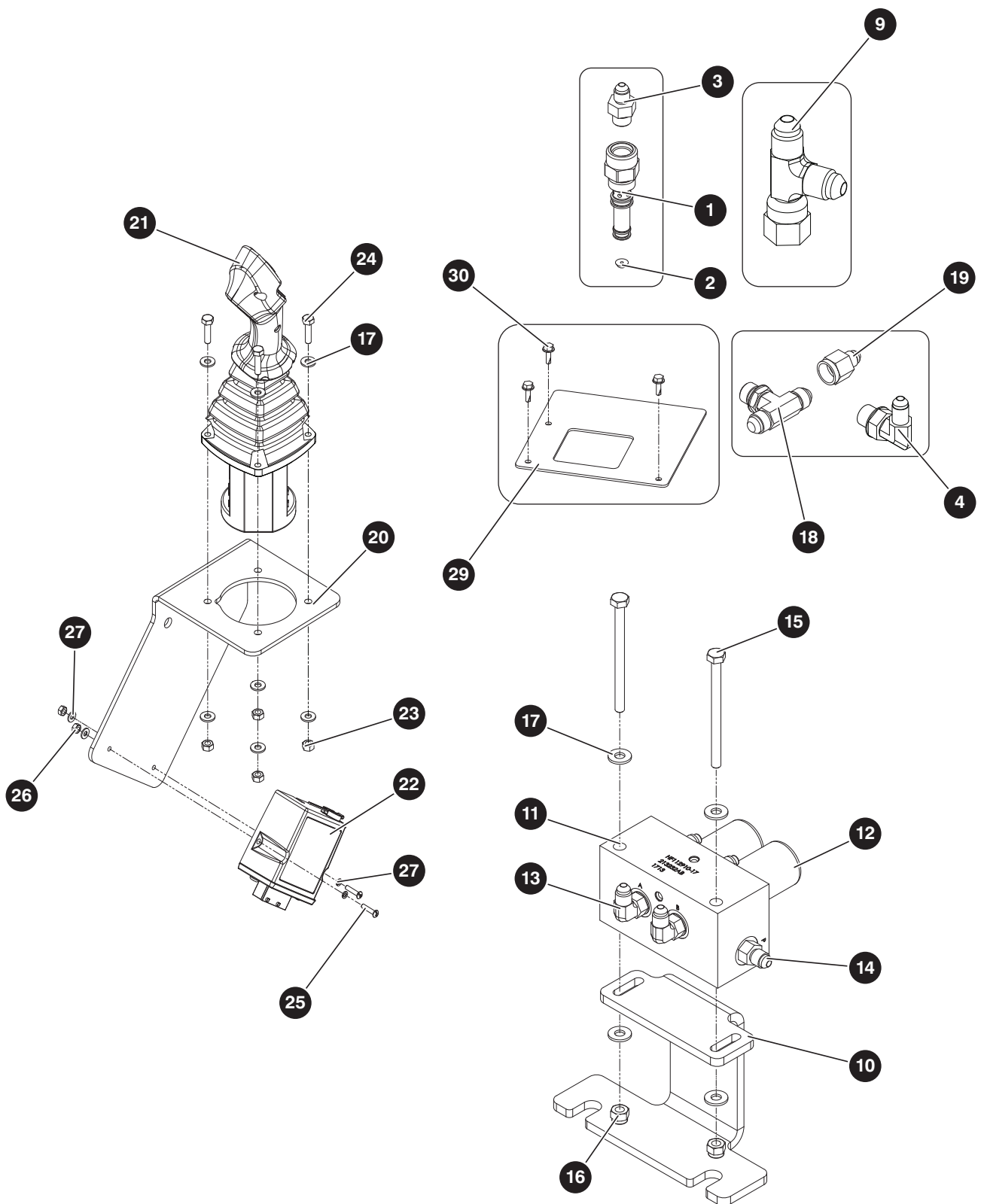


M191586AA-2

4.5 Joystick Control

Index No.	Skyjack Part No.	Qty.	Description
-	191586	1	ASSEMBLY, JOYSTICK
1	191743	1	• PANEL, Inner joystick
2	103857	4	• SCREW, Hex head 1/4"-20 NC x 1" Gr. 5
3	168208	4	• NUT, Hex 1/4"-20 NC serrated flange
4	256465	1	• JOYSTICK, Hydraulic
-	(Ref.)	-	JOYSTICK HOSES (For components, refer to Section 8.15)
5	701956	6	FITTING, (06 ORBM x 04 JICM)

4.6 Premium Joystick

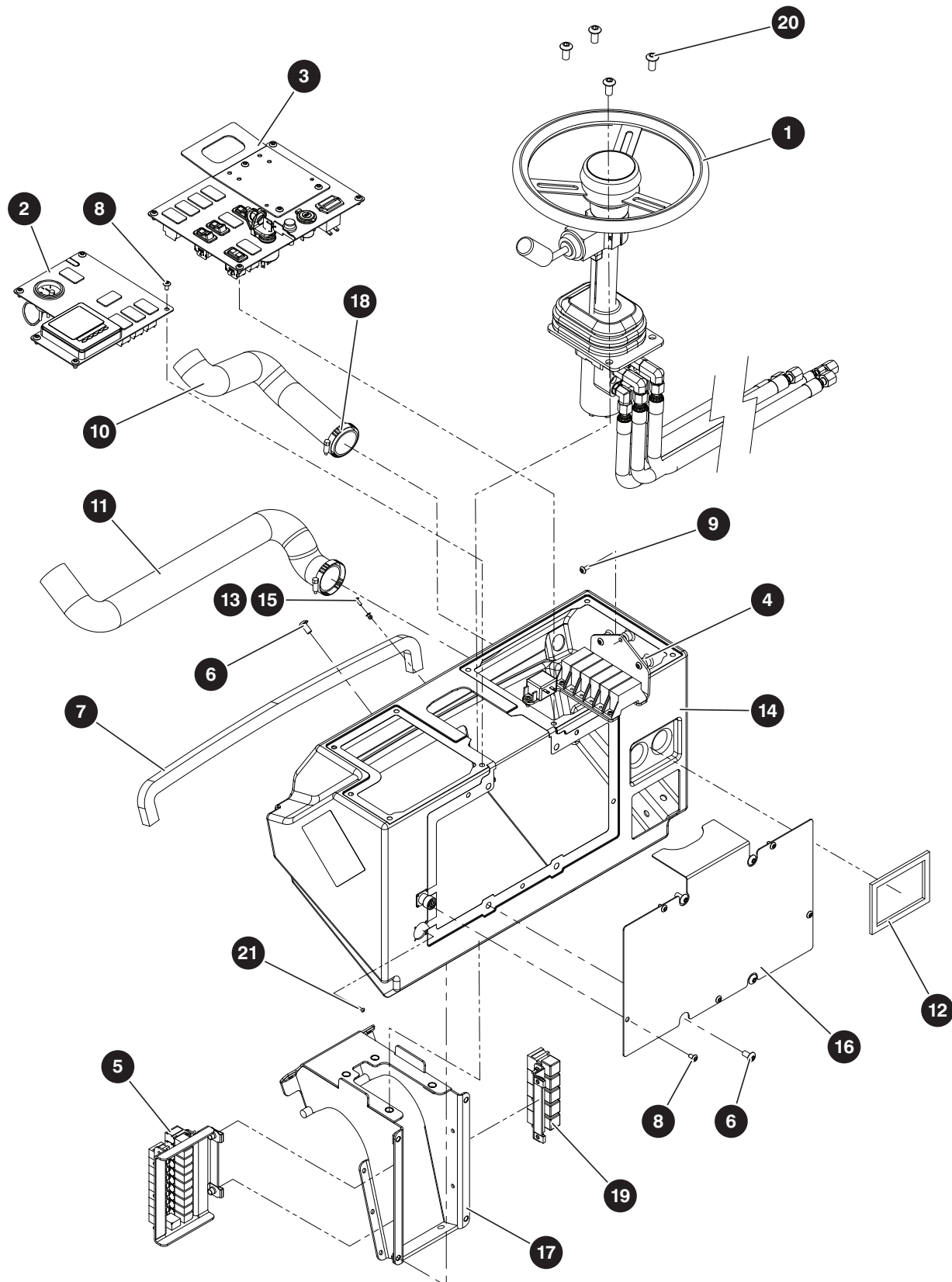


M236289AA

4.6 Premium Joystick

Index No.	Skyjack Part No.	Qty.	Description
-	236300	1	FIELD KIT, PREMIUM JOYSTICK
-	206184	1	• MANIFOLD, Modification/Joystick - 1256
1	213225	2	• • VALVE, Cartridge
2	213227	2	• • FITTING, Orifice disc, blank
3	701956	2	• • FITTING, 06 SAE to - 04 JIC
4	129127	1	• • FITTING, 4-6 O-Ring 90°
-	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	707917	1	• • FITTING, Tee - 04 JICM - 04 JICM - 04 JICFS
10	206122	1	• • PLATE, Manifold mount
-	213749	1	• • ASSEMBLY, Carriage manifold
11	213232	1	• • • MANIFOLD, Dual elec-hyd
12	213997	2	• • • • COIL, Drop in 12VDC (Not shown)
13	125883	2	• • • FITTING, 90 DEG (04 JICM - 04 ORBM)
14	126128	2	• • • FITTING, 4 SAE to -4 JIC
15	103863	2	• • BOLT, Hex head 1/4"-20 x 3-1/2" Gr5
16	115649	2	• • NUT, LOCK with nylon insert 1/4"-20 Gr5
17	103995	4	• • WASHER, Flat 1/4"
18	114579	1	• • FITTING, Fitting-br tee (06 JICM - 06 JICM - 06 ORBM)
19	707041	2	• • FITTING, Straight (06 JICF - 04 JICM)
-	236289	1	• ASSEMBLY, Premium joystick
20	236287	1	• • BRACKET, Joystick
21	922265	1	• • JOYSTICK, Single control
22	236288	1	• • DRIVER, Valve, single joystick
23	103995	8	• • WASHER, Flat 1/4"
24	103980	4	• • NUT, Hex head 1/4"-20 gr8
25	103857	4	• • BOLT, Hex head 1/4"-20 x 1" Gr5
26	103961	2	• • SCREW, Round head machine 10-24 x 5/4"
27	103986	2	• • NUT, Lock 10-24 Gr5
28	104694	2	• • Washer Flat #10
29	213747	1	• PLATE, Label
30	103632	3	• BOLT, Hex head, Self tapping 1/4"-14 x 3/4"
31	172648	1	• LABEL, Premium joystick (Not shown)
32	236290	1	• HARNESS, Premium joystick for th (Not shown)
33	241917	1	• INSTRUCTIONS, Premium joystick kit (Not shown)

4.7 Front Console

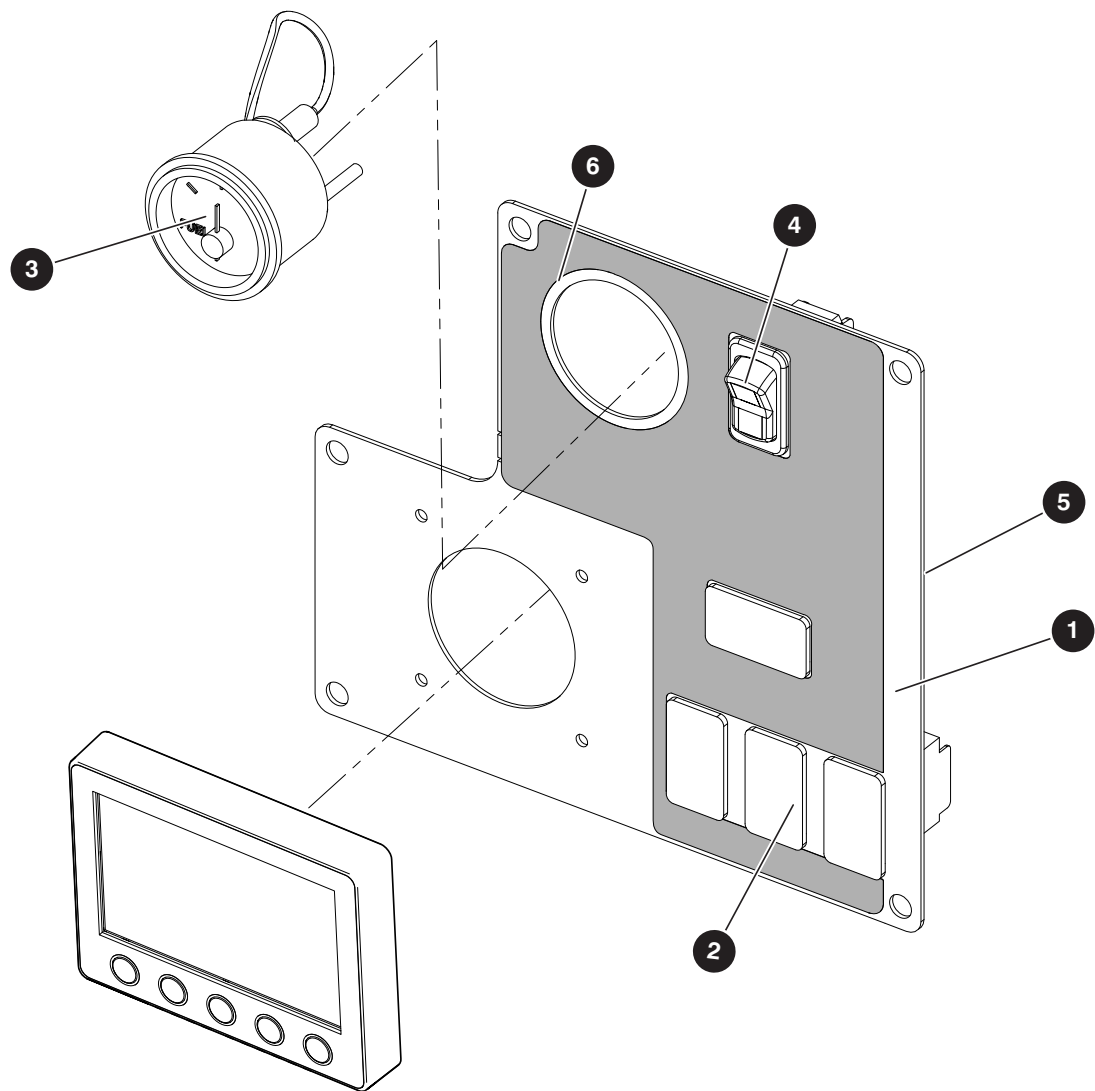


M191940AA

4.7 Front Console

Index No.	Skyjack Part No.	Qty.	Description
-	220107	1	ASSEMBLY, DASH FRONT 107HP
1	(Ref).	1	ASSEMBLY, Steering console (For components, refer to Section 4.12)
2	(Ref).	1	ASSEMBLY, LH dash panel (For components, refer to Section 4.8)
3	(Ref).	1	ASSEMBLY, RH dash panel (For components, refer to Section 4.11)
4	(Ref).	1	ASSEMBLY, Fuse and power (For components, refer to Section 4.14)
5	(Ref).	1	ASSEMBLY, RELAY MAIN COMMON (For components, refer to Section 4.13)
6	235134	6	SCREW, Machine 3/8" 16 nc x 3/4" bh tor x
7	191518	1	FOAM SEAL
8	235133	21	SCREW, Machine 1/4" 20 NC x 5/8" TH TOR X
9	191753	4	PHIL TMS 6-32 UNC X 0.50 SS
10	191523	1	HOSE DUCT, 2
11	191523	1	HOSE DUCT, 2
12	191518	1	FOAM SEAL
13	191575	2	PHIL TMS , 8 32 UNC x 1/2" - 18 BS
14	220106	1	DASH PANEL, Plastic
15	191545	2	NUTSERT
16	191570	1	PLATE, Dash cover
17	191519	1	WELDMENT, Steering
18	191532	2	CLAMP, HOSE, #40 2 - 1/16" - 3"
19	191941	1	ASSEMBLY, Relay RH 107 HP
20	191538	4	SCREW, Machine 1/2" 13 nc x 1" bh soc

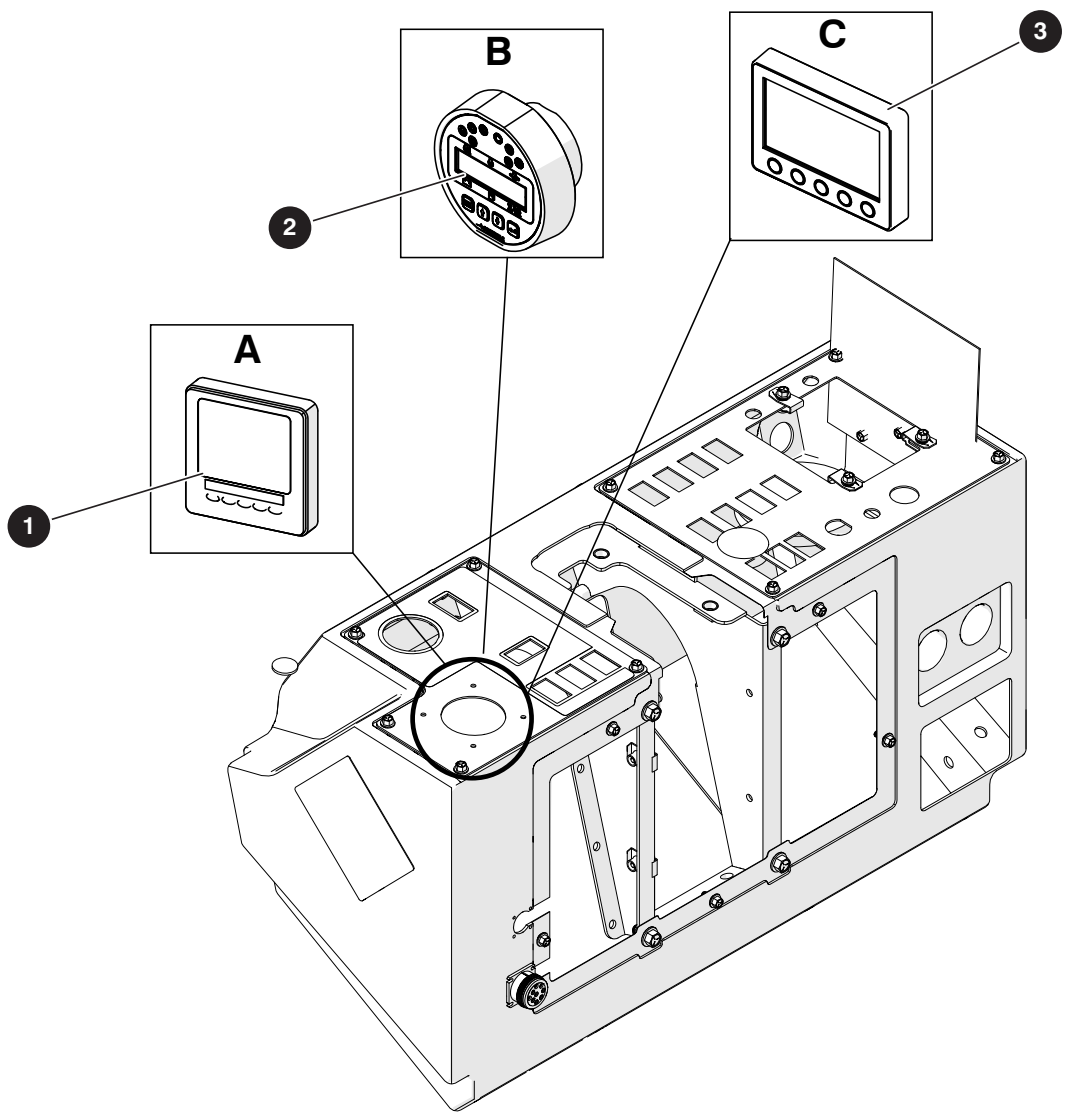
4.8 LH Dash Panel



M244224AA

Index No.	Skyjack Part No.	Qty.	Description
-	244224	1	ASSEMBLY, LH DASH PANEL 107HP
1	244218	1	• PANEL, LH console
2	920689	4	• PLUG, Blank plug
3	407726	1	• GAUGE, Fuel
4	191456	1	• SWITCH, Stand Still
5	205864	1	• GASKET, LH panel
6	174163	1	• LABEL, Left side dash panel

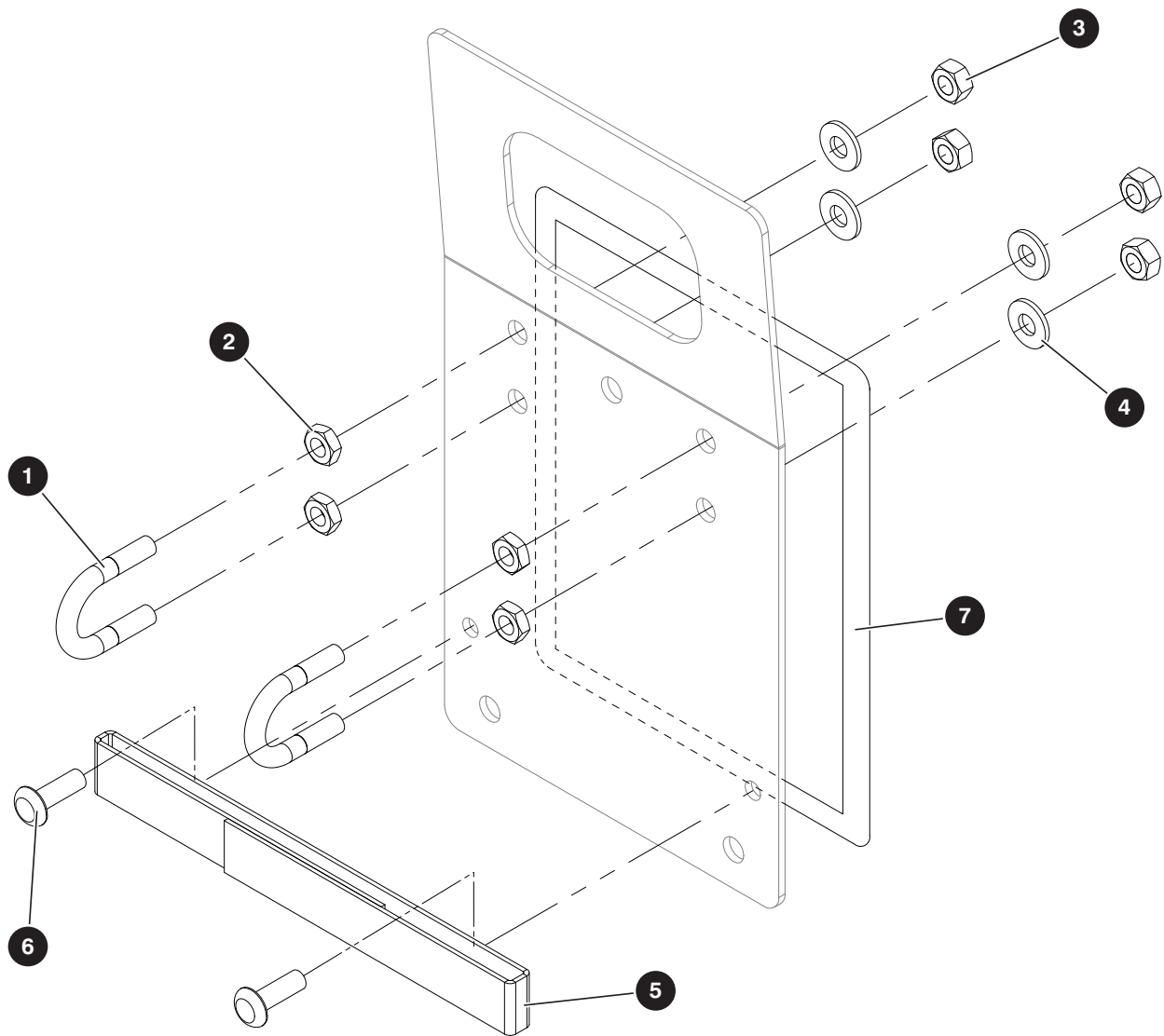
4.9 Engine Display



M244224AA

Index No.	Skyjack Part No.	Qty.	Description
1	191471	1	DISPLAY, Engine - A (Use kit K1 to replace)
2	244509	1	DISPLAY, Engine - B (Use kit K1 to replace)
3	244220	1	DISPLAY, Engine - C
K1	244216	1	ENGINE DISPLAY CHANGE KIT

4.10 Flip Chart

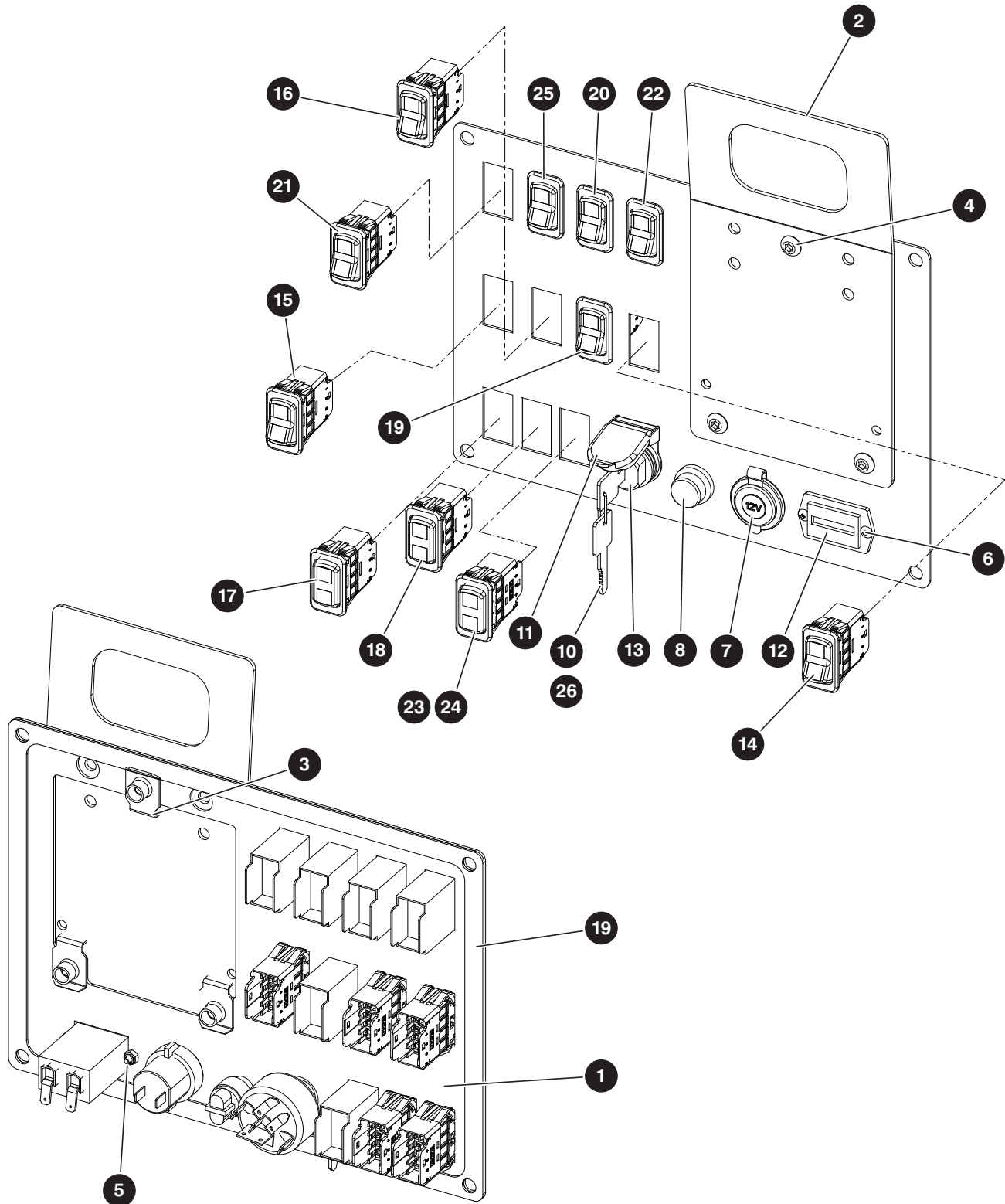


M191773AA-2

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

 **Notes**

4.11 RH Dash Panel



M191589AD

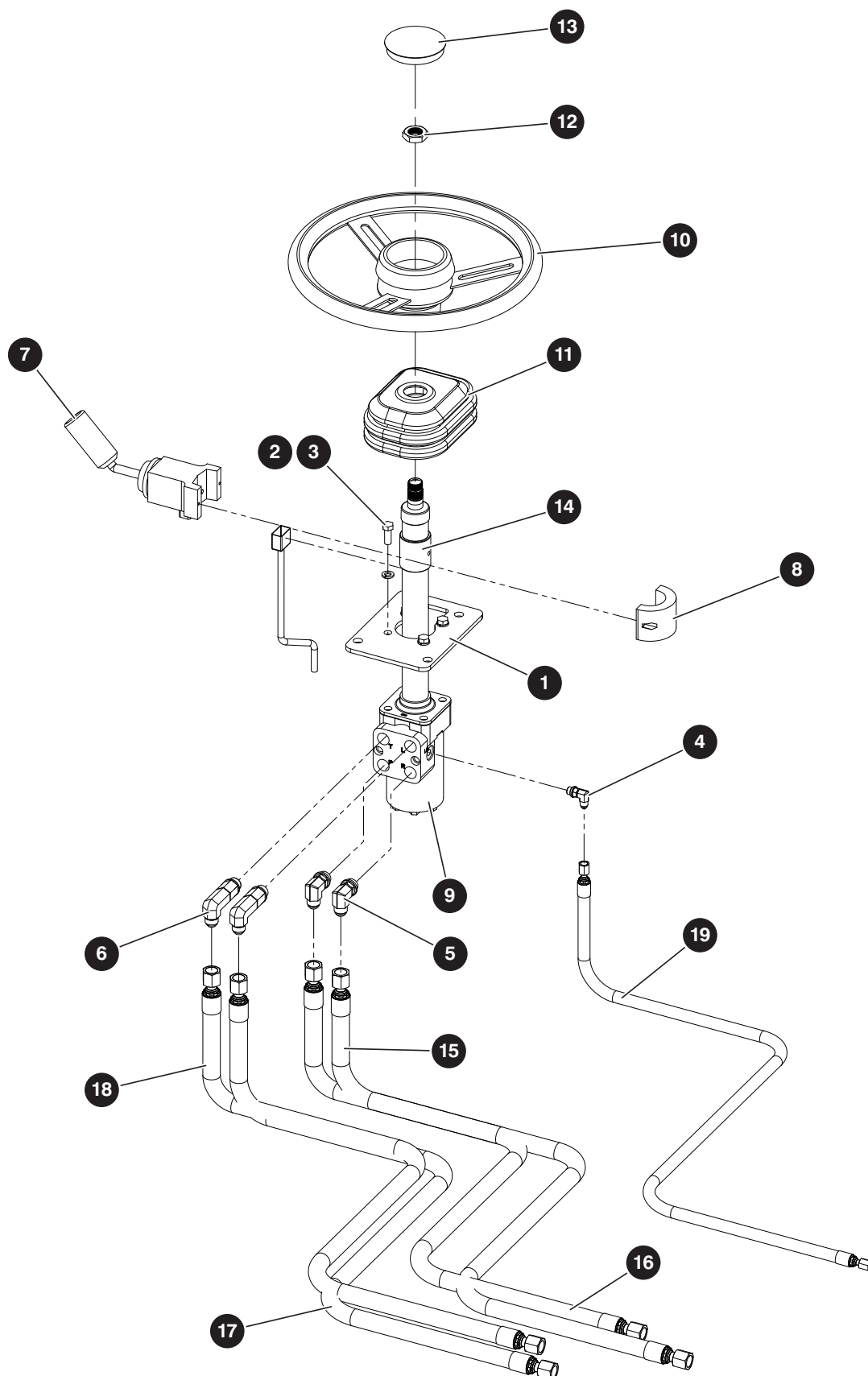
205154AH

SJ1256 THS

4.11 RH Dash Panel

Index No.	Skyjack Part No.	Qty.	Description
-	191589	1	ASSEMBLY, RH DASH PANEL
1	191501	1	• PANEL, Console RH
-	233309	1	• PANEL, Console RH without hourmeter
2	191318	1	• PLATE, Flip-chart mount
3	149496	3	• NUT, U-clip, 1/4"-20 UNC
4	191548	3	• SCREW, Machine 1/4"-20 NC x 1/2" th torx
5	924972	2	• NUT, Hex lock with nylon insert, # 6
6	191753	2	• SCREW, Phillips TMS 6-32 UNC x 1/2" SS
7	922915	1	• POWER PORT, 12V
8	405339	1	• BUTTON, Horn
9	920689	6	• BLANK PLUG, Waytek 43242 (Not shown)
10	926721	1	• SWITCH, Ignition
11	925191	1	• COVER, Ignition
12	927910	1	• HOUR METER - If equipped
13	926722	1	• NUT, Ignition
14	191454	1	• SWITCH, Park Brake
15	191457	1	• SWITCH, Steer Mode
16	191459	1	• SWITCH, Rear Wiper / washer
17	191462	1	• INDICATOR, Tansmission Oil Temp / R.A.S.
18	191830	1	• INDICATOR, Glow Plug / Frame Level and boom Interlock
19	205863	1	GASKET, RH dash panel
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)
26	925248	1	KEY, IGNITIION

4.12 Steering Console

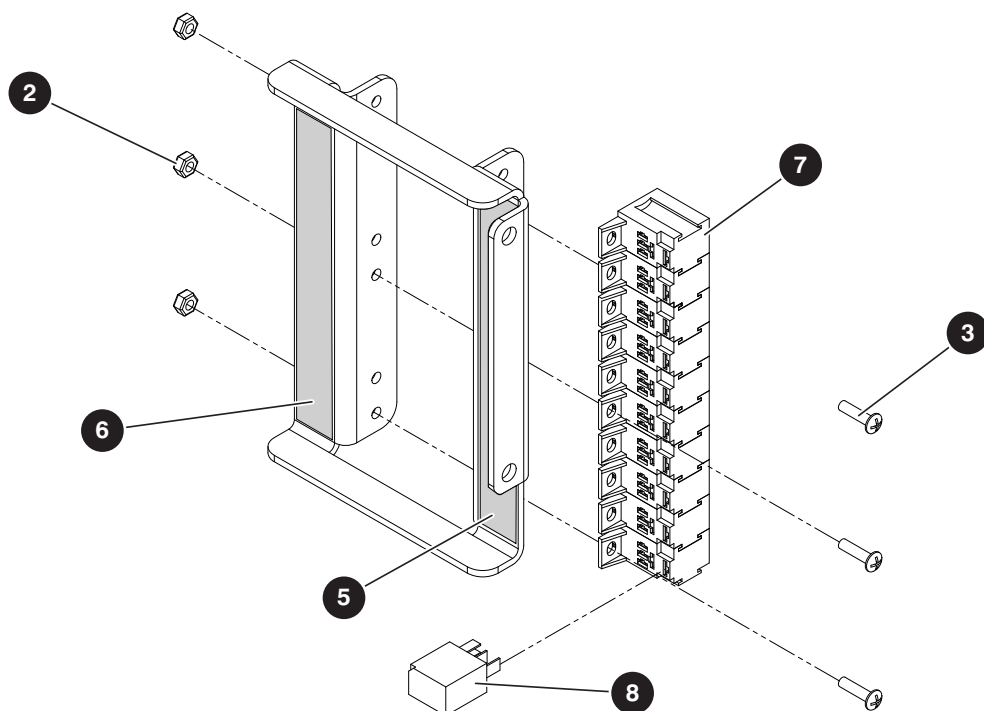
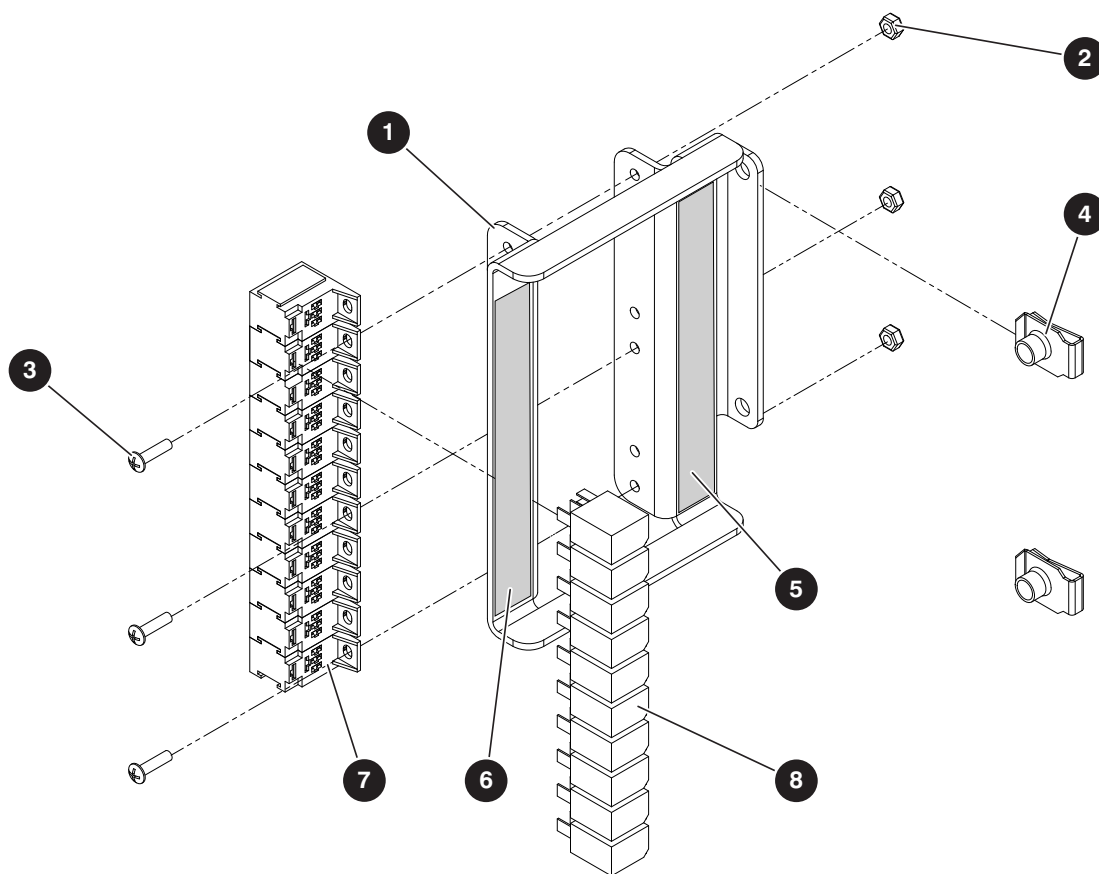


M191585AA

4.12 Steering Console

Index No.	Skyjack Part No.	Qty.	Description
-	191585	1	ASSEMBLY, STEERING CONSOLE
1	191496	1	• PLATE, Steering mount
2	103999	4	• WASHER, Lock, hel spring 3/8"
3	103473	4	• SCREW, Hex head 3/8"-16 NC X 1" Gr. 5
4	125883	1	• FITTING, Hydraulic 90°
5	114583	2	• FITTING, 90°
6	702798	2	• FITTING, 90° Extra long
7	926377	1	• SHIFTER, Transmission
8	921721	1	• CLAMP, Shifter,
9	406450	1	• VALVE, Orbital Steering
-	209323	1	• • SEAL KIT, Orbital steering unit
10	404849	1	• STEERING WHEEL
11	191493	1	• BOOT, Column
12	405037	1	• NUT, Steering wheel
13	411375	1	• CAP, Steering wheel
14	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

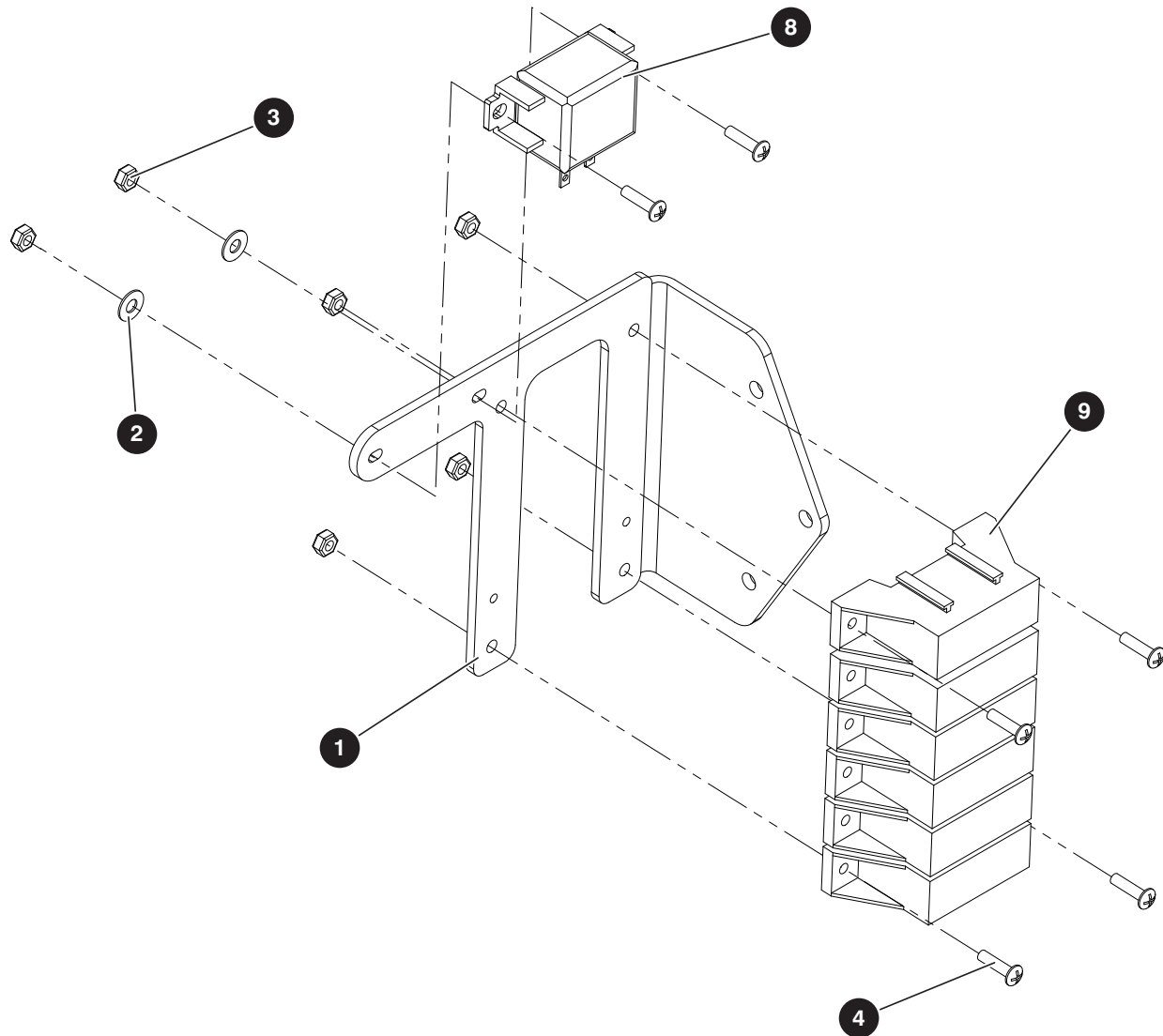


M191935AB

4.13 Main Relay

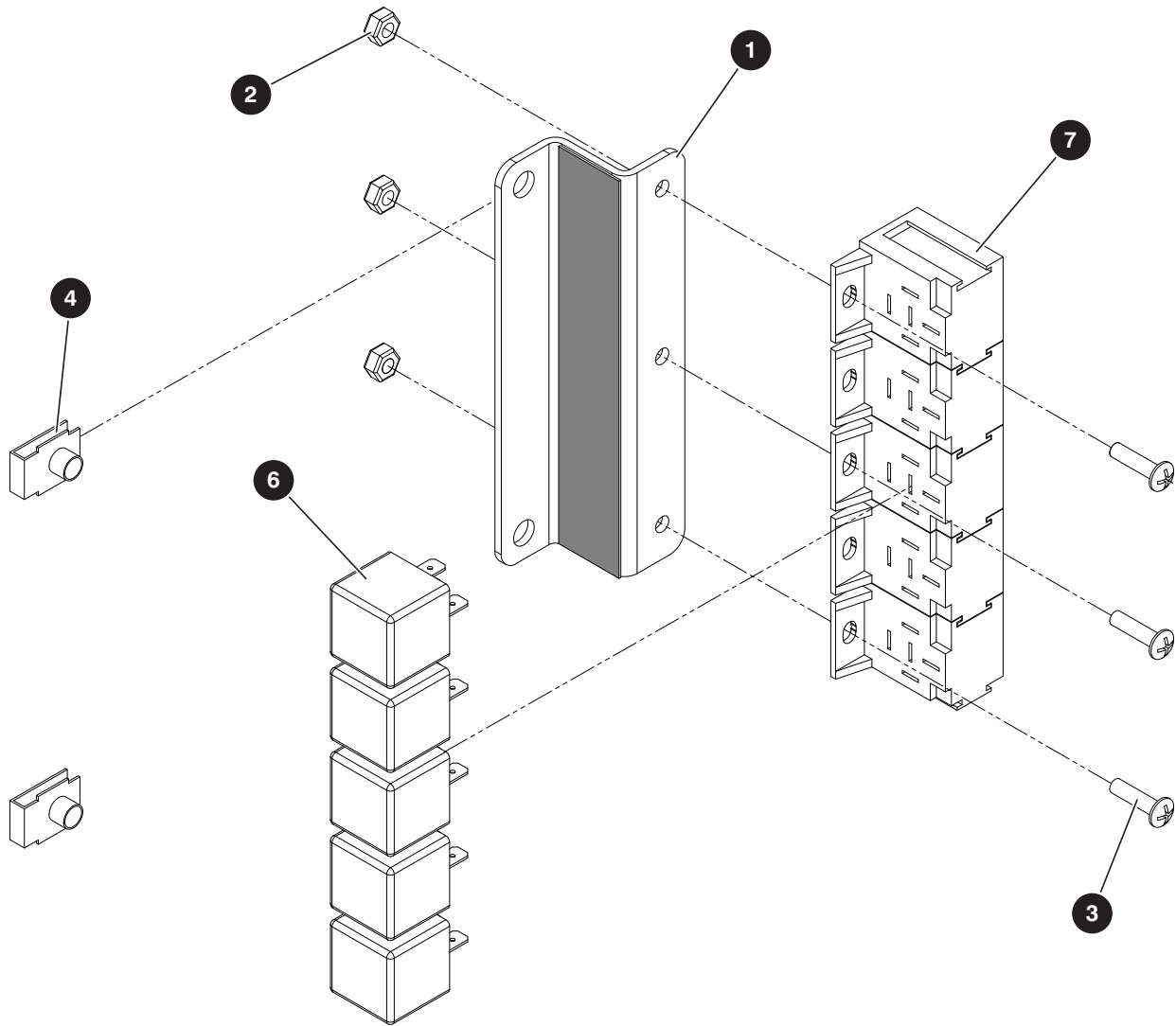
Index No.	Skyjack Part No.	Qty.	Description
-	191935	1	ASSEMBLY, RELAY MAIN COMMON
1	191912	1	• BRACKET, Relay mount bank
2	126642	6	• NUT, Hex Lock with nylon insert #10-24 NC
3	138834	6	• SCREW, Machine #10-24 NC x 3/4" PH Phillips
4	149496	2	• NUT, U-clip
5	196231	1	• DECAL, Relay ID RH
6	196232	1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

4.14 Fuse and Power



M191576AB

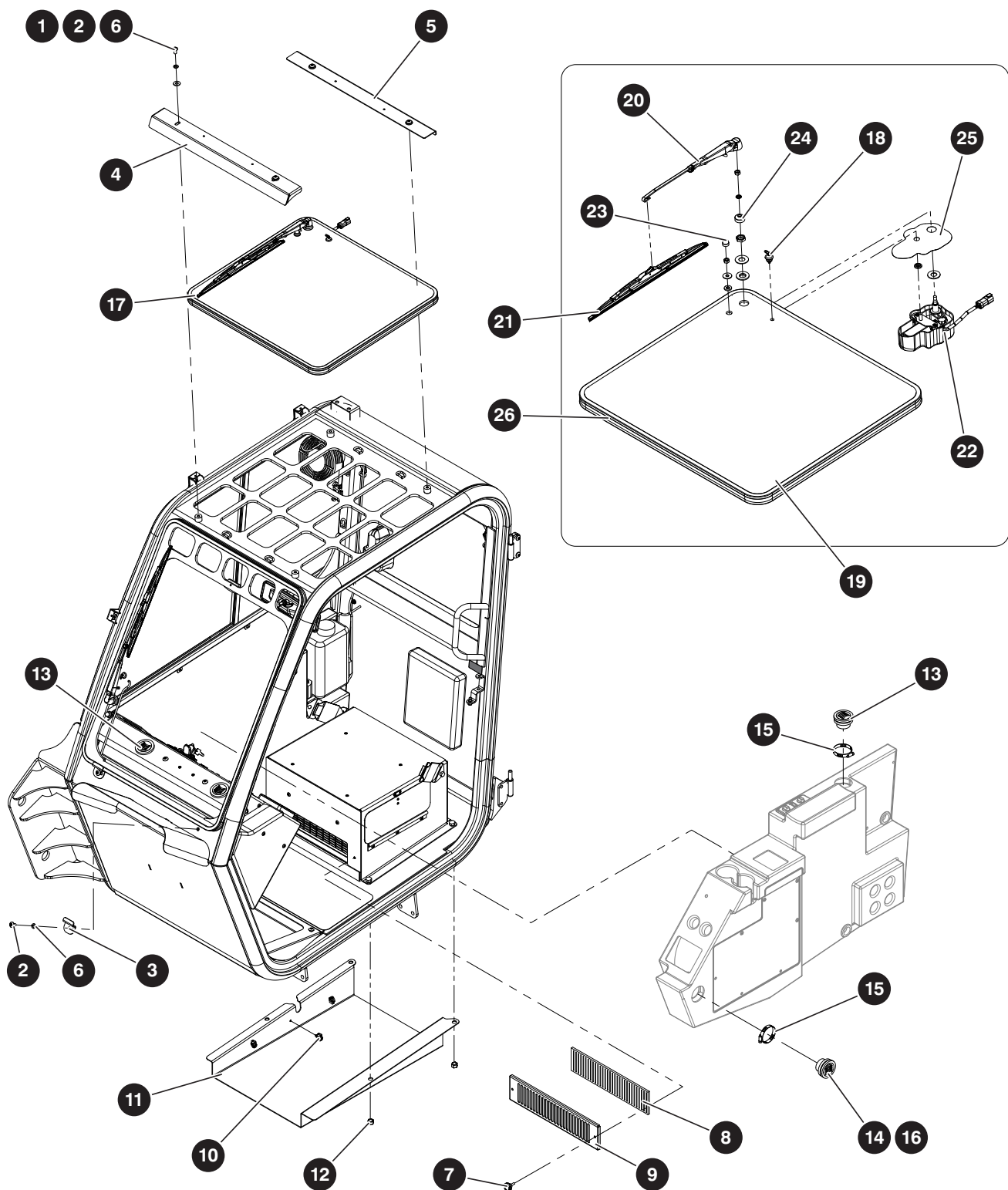
Index No.	Skyjack Part No.	Qty.	Description
-	191576	1	ASSEMBLY, FUSE AND POWER
1	191571	1	• MOUNT BRACKET, Fuse/Relay
2	191686	2	• WASHER, Flat 3/16" Type A
3	126642	6	• NUT, Hex lock with nylon insert #10-24 NC
4	138834	6	• SCREW, Machine #10-24 NC x 3/4" PH Phillips
5	156203	2	• FUSE, 10 AMP red (Not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



M191941AA

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

4.16 Enclosed Cab

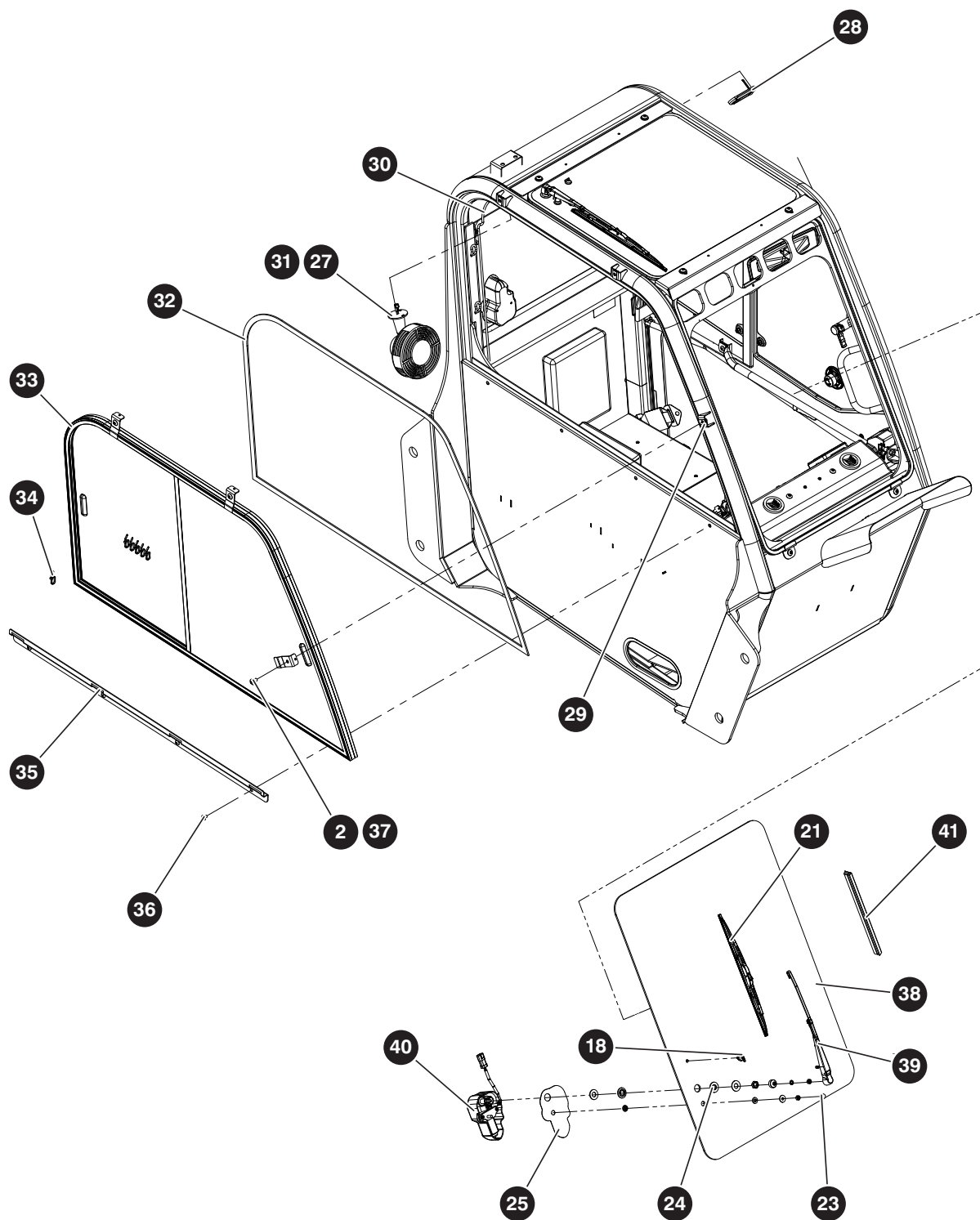


M191970AB-1R

4.16 Enclosed Cab

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

4.16 Enclosed Cab



M191790AB-2R

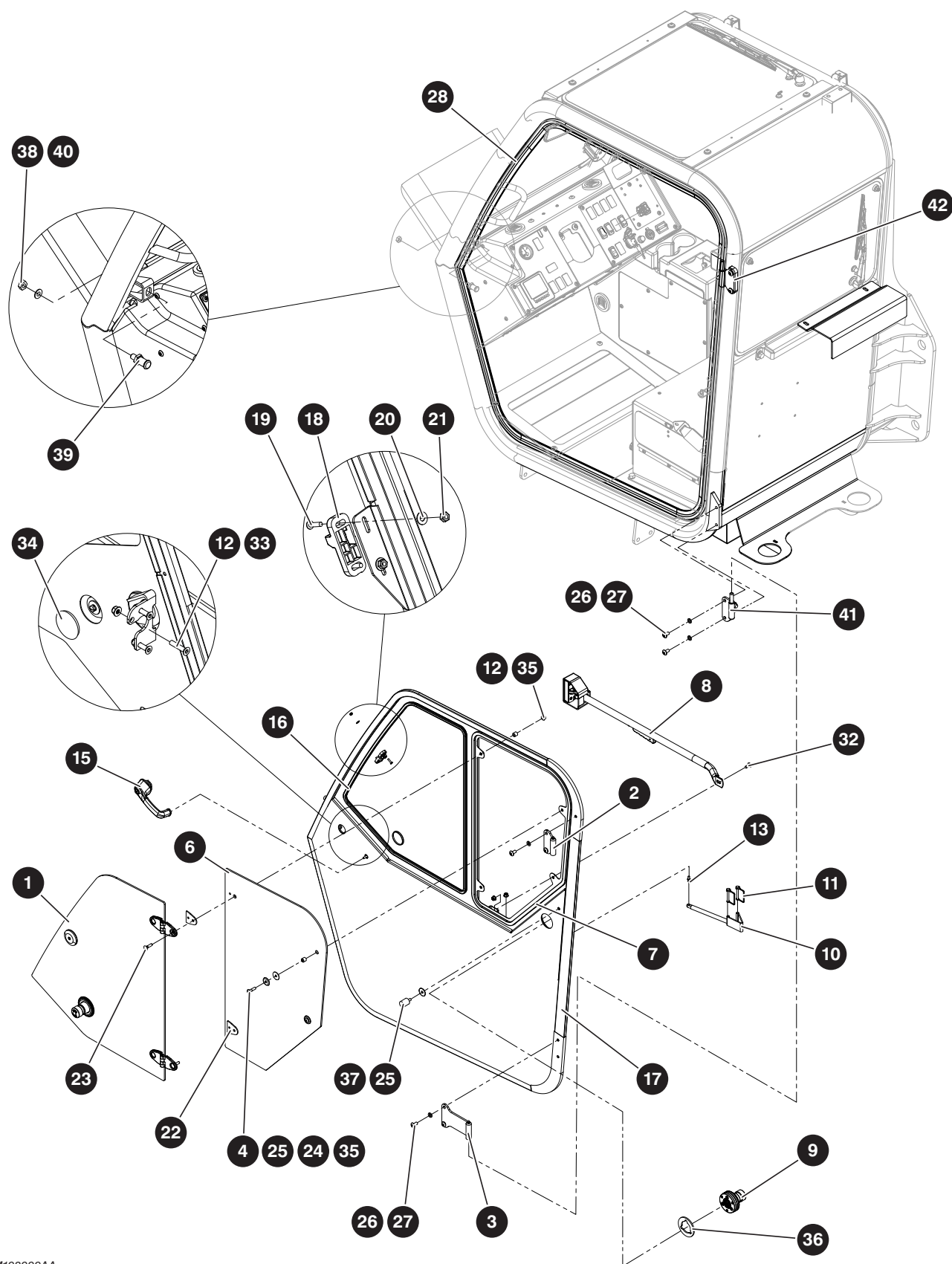
205154AH

SJ1256 THS

4.16 Enclosed Cab

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued from previous page
27	191680	1	• ASSEMBLY, Fan with terminals
28	191658	1	• DOME LIGHT, Oval with switch
29	191665	3	• CLIP, Window slider
30	191510	1	• HOSE, Washer (12")
31	191694	1	• GASKET, Defroster fan
32	223900	1	• SEAL, Rubber strip
33	223899	1	• SLIDER WINDOW
-	211680	1	• • LATCH
34	191540	6	• WIRE TIE, Nylon, black, 7-1/2" long
35	191652	1	• RETAINER, Window slider lo
36	191677	4	• SCREW, Machine 3./8"-18 NC X 1/2" TH TRX -A
37	159294	3	• NUT, U-clip 3/8"-16 UNC
-	191683	1	• FRONT WINDOW WITH WIPER
38	191659	1	• • WINDOW, Front
39	191671	1	• • WIPER, Arm wet
40	191672	1	• • WIPER, Motor 315 LH park
41	191679	1	• • BUBBLE SEAL, 90° front
42	(Ref).	1	• ASSEMBLY, Door
			(For components, refer to Section 4.17)

4.17 Door Assembly

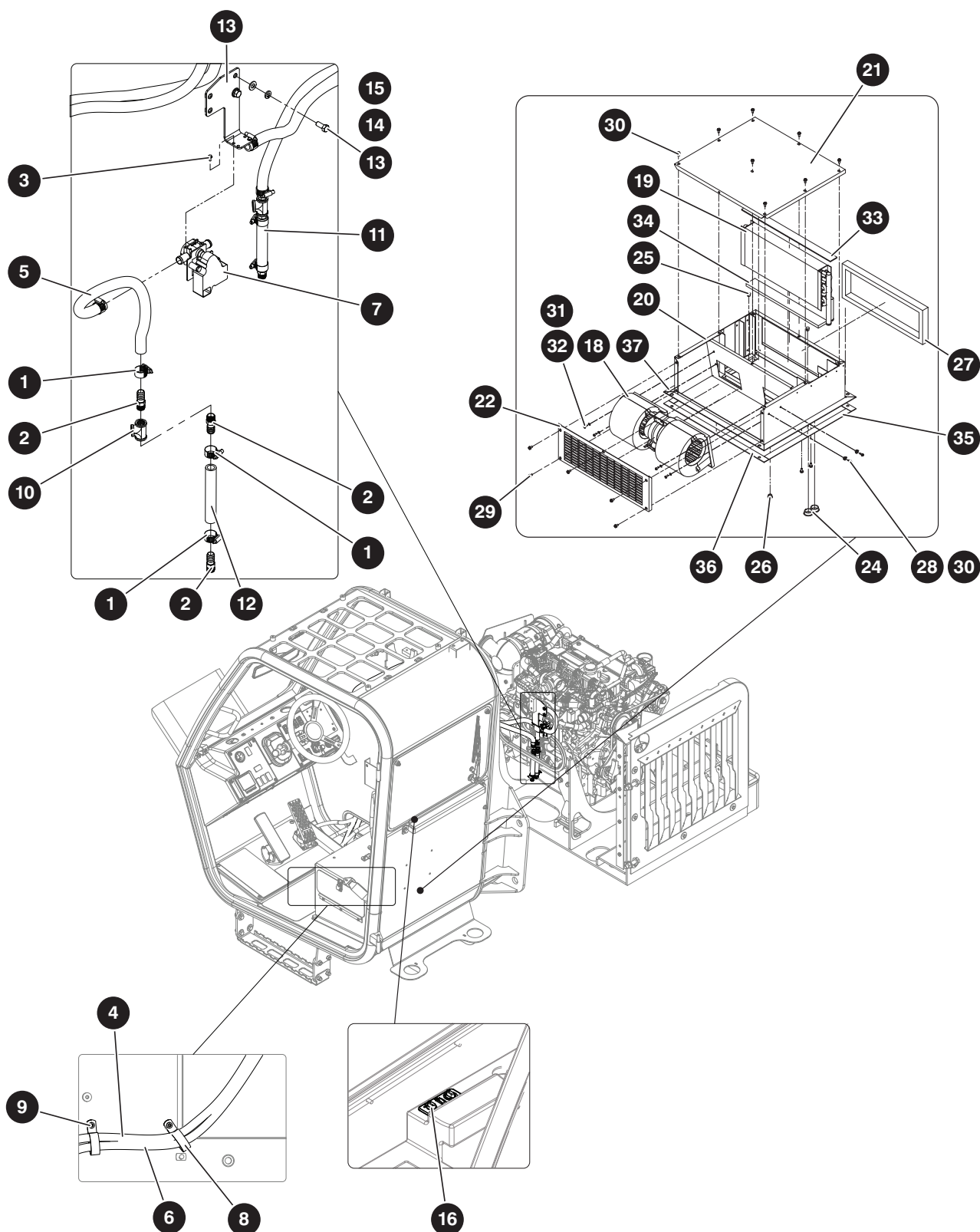


M198999AA

4.17 Door Assembly

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

4.18 Cab Heater System



M191878AB

205154AH

148

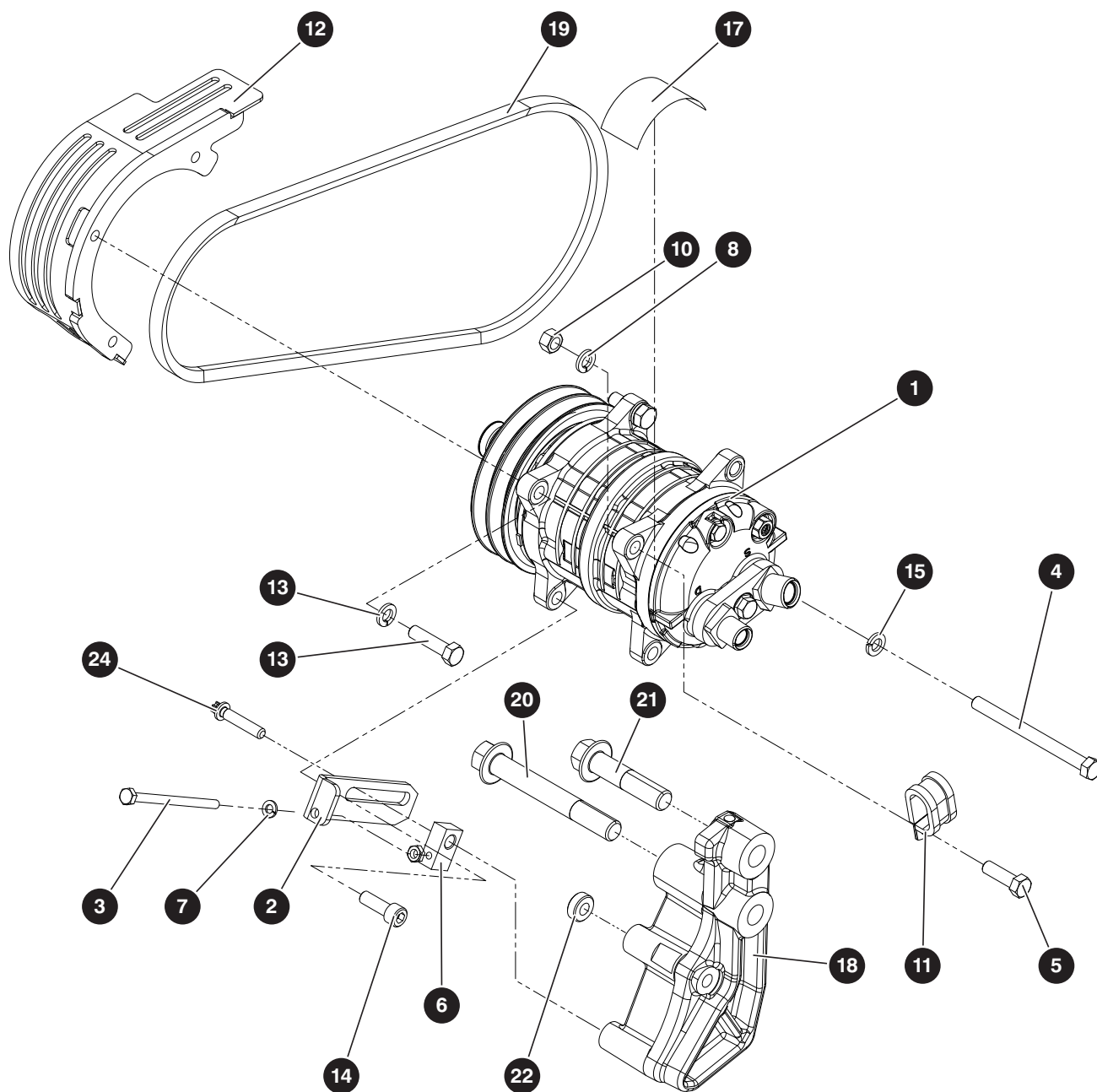
SJ1256 THS

SKYJACK

4.18 Cab Heater System

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

4.19 Cab A/C System



M191638AG

205154AH

150

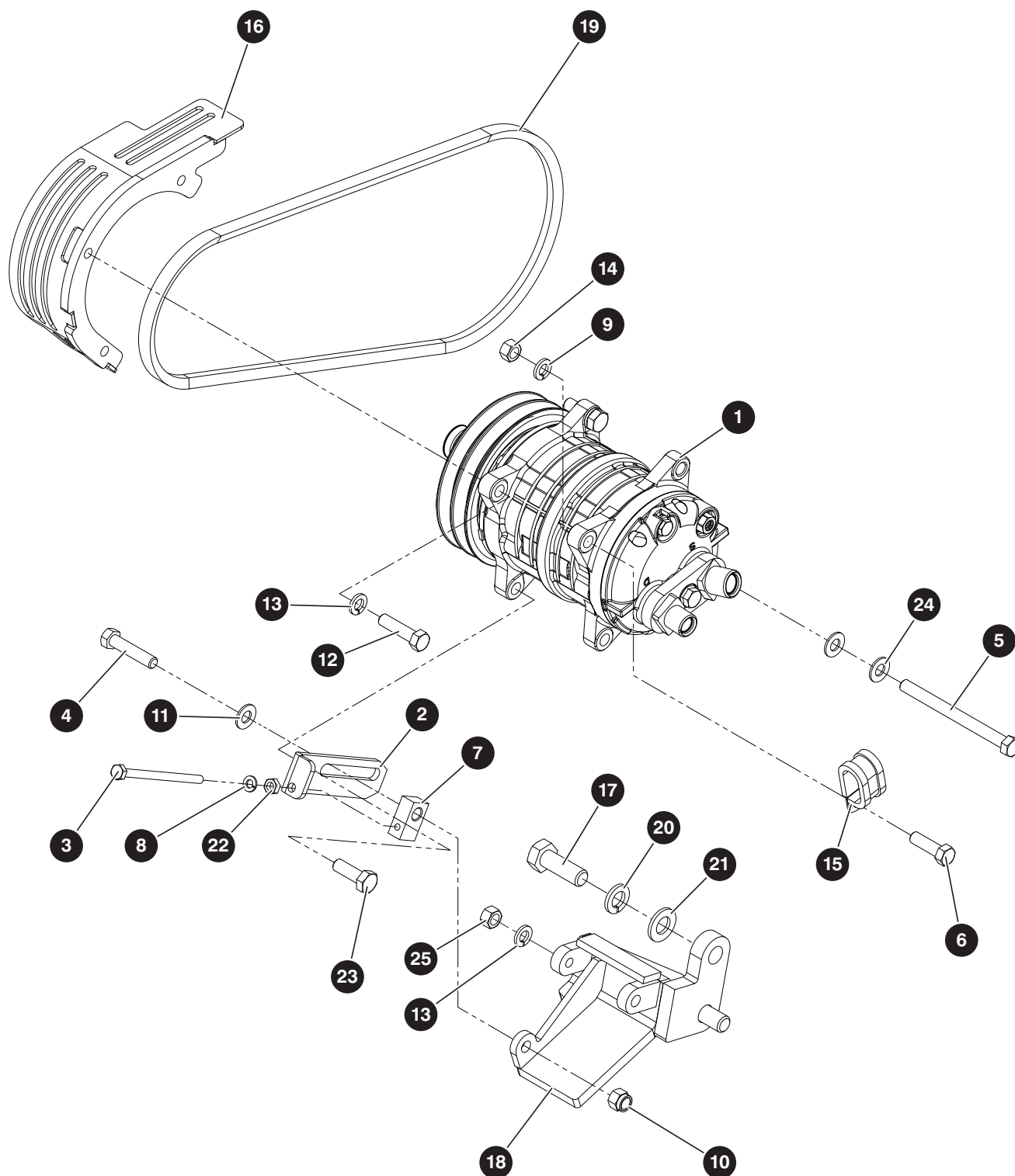
SJ1256 THS

SKYJACK

4.19 Cab A/C System

Index No.	Skyjack Part No.	Qty.	Description
-	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	933634	2	• BOLT, Hex head M10 x 1.5 x 30 mm CL 8.8
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



M191371AE

205154AH

152

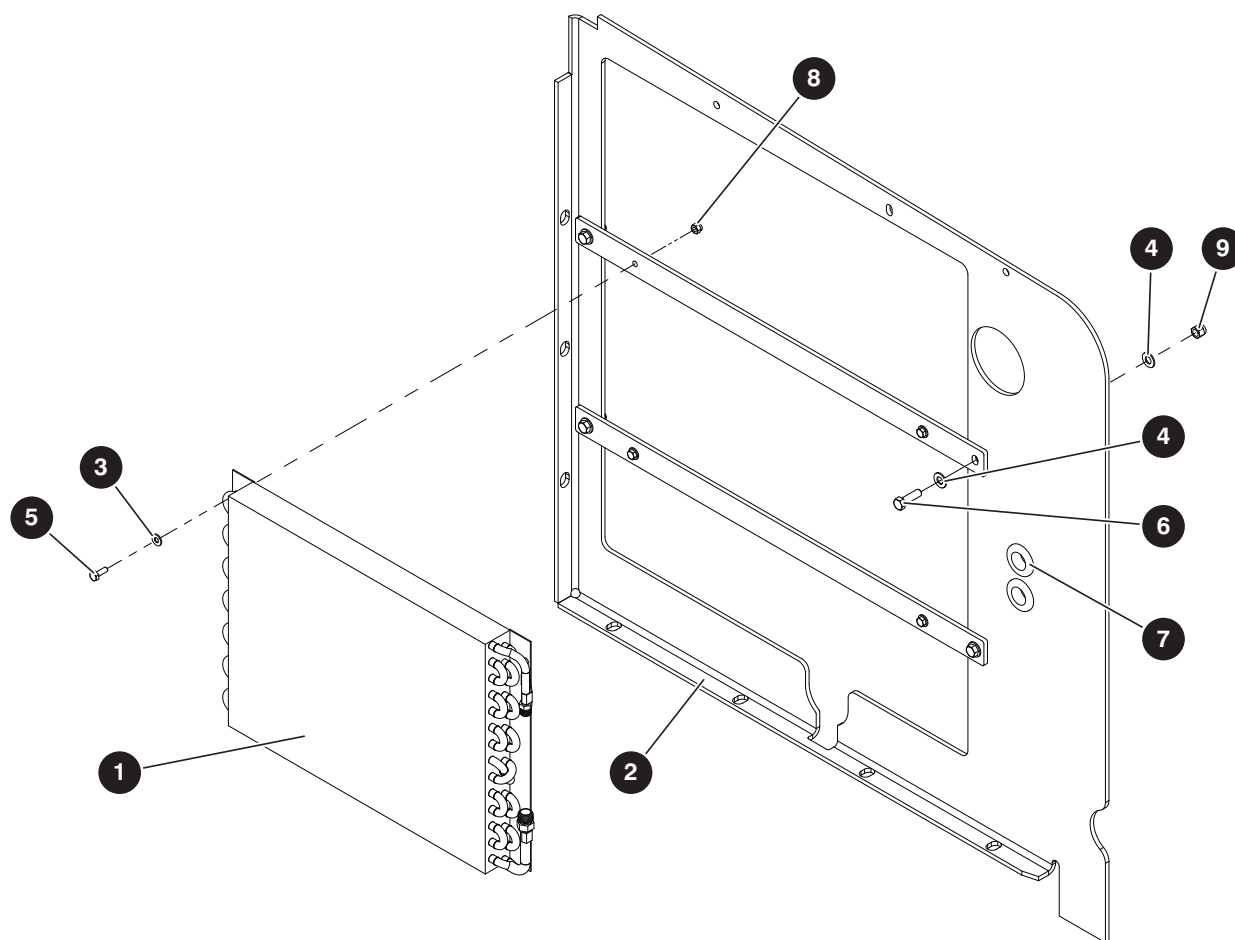
SJ1256 THS

SKYJACK

4.20 A/C Compressor

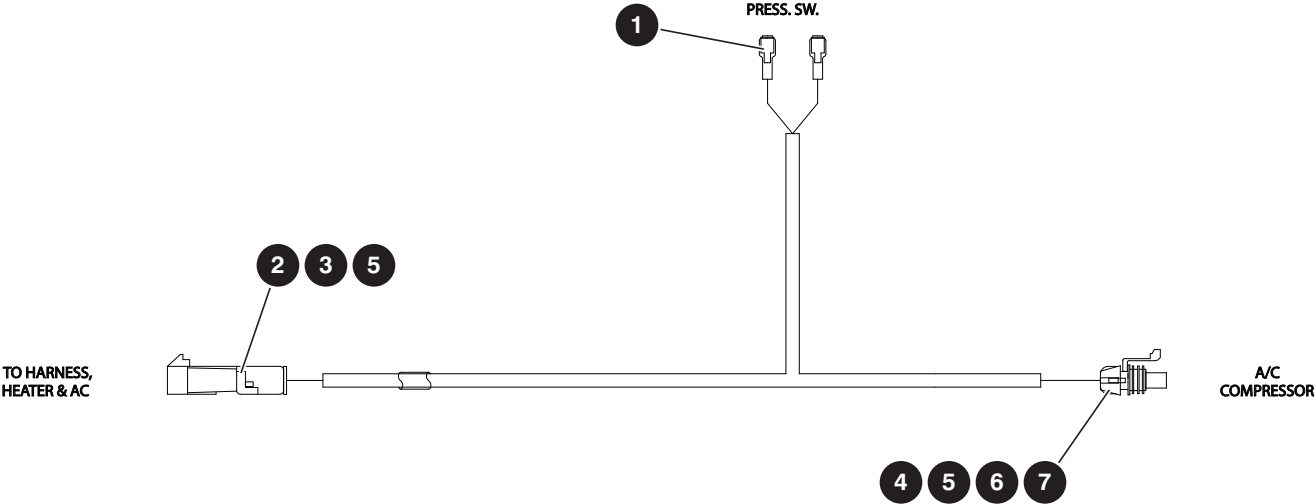
Index No.	Skyjack Part No.	Qty.	Description
-	191371	1	ASSEMBLY, A/C COMPRESSOR INSTALLATION
1	163903	1	• AC COMPRESSOR
2	191226	1	• PLATE, BELT TENSIONER
3	120738	1	• BOLT, Hex head 1/4"-20 X 4.000 Gr. 5
4	103871	1	• BOLT, Hex head 3/8"-16 X 1-3/4" Gr. 5
5	226207	1	• BOLT, Hex head M10 x 1.5 x 130 CL 8.8 PT ZP
6	101297	1	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
7	191227	1	• BLOCK, BELT TENSIONER
8	104000	1	• WASHER, Lock 1/4"
9	103999	2	• WASHER, Lock 3/8"
10	104606	1	• NUT, Lock 3/8"-16 Gr. 5 - NYL
11	103472	1	• WASHER, Flat 3/8"
12	933634	2	• BOLT, Hex head M10 X 1.5 X 30MM CL 8.8 ZP
13	130884	3	• WASHER LOCK M10-PLATED DIN 127B
14	103978	1	• NUT, HEX 3/8"-16 Gr. 5
15	103078	1	• CLAMP, LOOP CUSHION DOUBLE G10
16	191856	1	• WELDMENT, AC PULLY GUARD
17	933667	2	• BOLT, Hex head M16 X 2.0 X 40 mm CL 10.9
18	226201	1	• WELDMENT, AC BRACKET
19	191292	1	• V-BELT, A42
20	600510	2	• WASHER, Lock M16 - Plated din 127B
21	144329	2	• WASHER, Flat M16 din 125A, zinc
22	103983	1	• NUT, Hex head jam, 1/4"-20 Gr. 5
23	232529	1	• BOLT, Socket head M10-1.50x30
24	600572	2	• WASHER, FLAT M10-OD 20.0
25	217583	1	• NUT HEX M10 X 1.5 CL 8 ZP
26	922004	1	• LABEL, Refridgerant change (not shown)

4.21 A/C Condenser



M223538AA

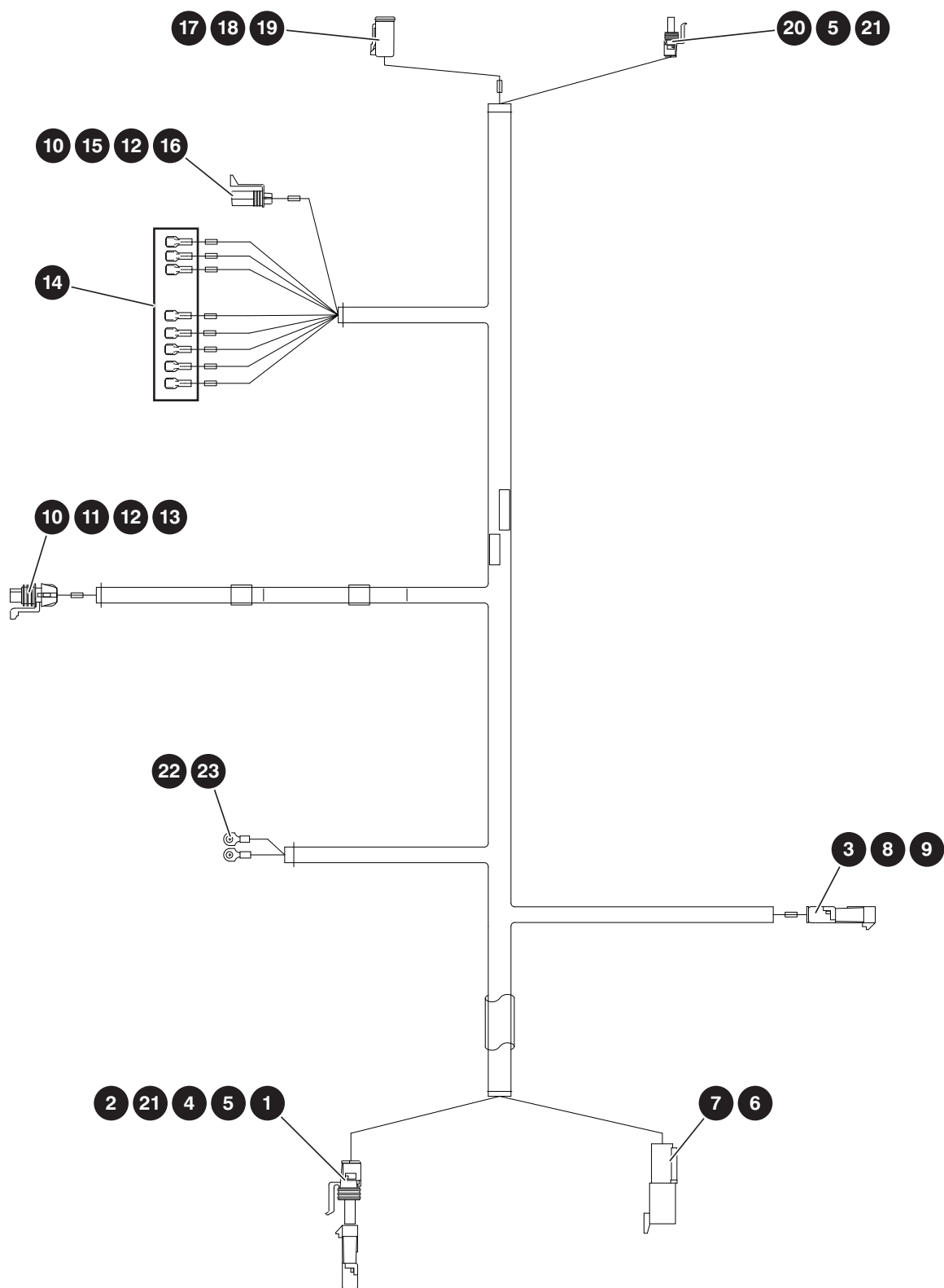
Index No.	Skyjack Part No.	Qty.	Description
-	223538	1	ASSEMBLY, A/C CONDENSER
1	921525	1	• AC CONDENSER
2	223539	2	• A/C BRACKET
3	103995	4	• WASHER, FLAT 1/4"0
4	103472	8	• WASHER FLAT 3/8"
5	103856	4	• BOLT, Hex head 1/4"-20 X 3/4" Gr. 5
6	101297	4	• BOLT, Hex head 3/8"-16 X 1-1/4" Gr. 5
7	191284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



M191598AB

Index No.	Skyjack Part No.	Qty.	Description
-	191598	1	HARNESS, A/C
1	114595	2	• TERMINAL, Female disc. insulated (22-18 GA)
2	156106	1	• CONNECTOR 1M, W/P
3	156139	1	• TERMINAL, Male sealed (2.0-1.0 mm2), W/P
4	156142	1	• TERMINAL, Female sealed (2.0-1.0 mm2), 280 M/P Tangless
5	124369	2	• SEAL, Wire green (2.2.0 mm), 280 M/P
6	156303	1	• CONNECTOR 1F, 280 M/P
7	156304	1	• TERMINAL, Position assurance 1W 280 M/P

4.23 A/C and Heater Harness



M191490AC

4.23 A/C and Heater Harness

Index No.	Skyjack Part No.	Qty.	Description
-	191490	1	HARNESS, A/C AND HEATER
1	156106	1	• CONNECTOR 1M, W/P
2	156108	1	• CONNECTOR 1F, W/P
3	156147	1	• WIRE SEAL, Gray (3.5-2.8 mm), 280 M/P
4	156104	1	• PLUG CAVITY 1W, 280 M/P & W/P
5	156137	1	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
6	156168	1	• PIN, Solid (8-10 AWG)
7	156181	1	• ASSEMBLY, Connector 1M, DTHD
8	156105	1	• CONNECTOR 2M, W/P
9	156139	2	• TERMINAL, Male sealed (2.0-1.0 mm ²), W/P
10	156146	6	• WIRE SEAL, Red (2.2.0 mm), 150 M/P
11	156298	1	• CONNECTOR 6F, 150 M/P
12	124365	6	• TERMINAL, Female sealed (1.0-0.5 mm ²), 150 M/P
13	156299	1	• TERMINAL, position assurance 6W 150 M/P
14	105359	8	• TERMINAL, Female disc. (10-12AWG)
15	156124	1	• TERMINAL, position assurance 3W 150 M/P
16	156131	1	• CONNECTOR 3F, 150 M/P
17	156187	1	• ASSEMBLY, Connector 4F, DTP
18	156158	4	• SOCKET (10-12 AWG), Formed
19	156199	1	• WEDGE, Socket
20	124036	1	• CONNECTOR 2F, W/P
21	156170	4	• WIRE SEAL (2.1-1.2 mm), Light blue
22	156222	1	• TERMINAL, M10 ring (5.0 mm ²)
23	156259	1	• TERMINAL, M10 ring (3.0-2.0 mm ²)

 **Notes**

Section 5 – Electrical

5.1 *Chassis Harness*

5.9 *Battery*

5.2 *Engine Harness - S/N 87 410
838 and below*

5.10 *Battery Disconnect*

5.4 *Console Harness*

5.9 *Battery*

5.5 *DEF Engine Harness*

5.10 *Battery Disconnect*

5.6 *Low Fuel Pressure Harness*

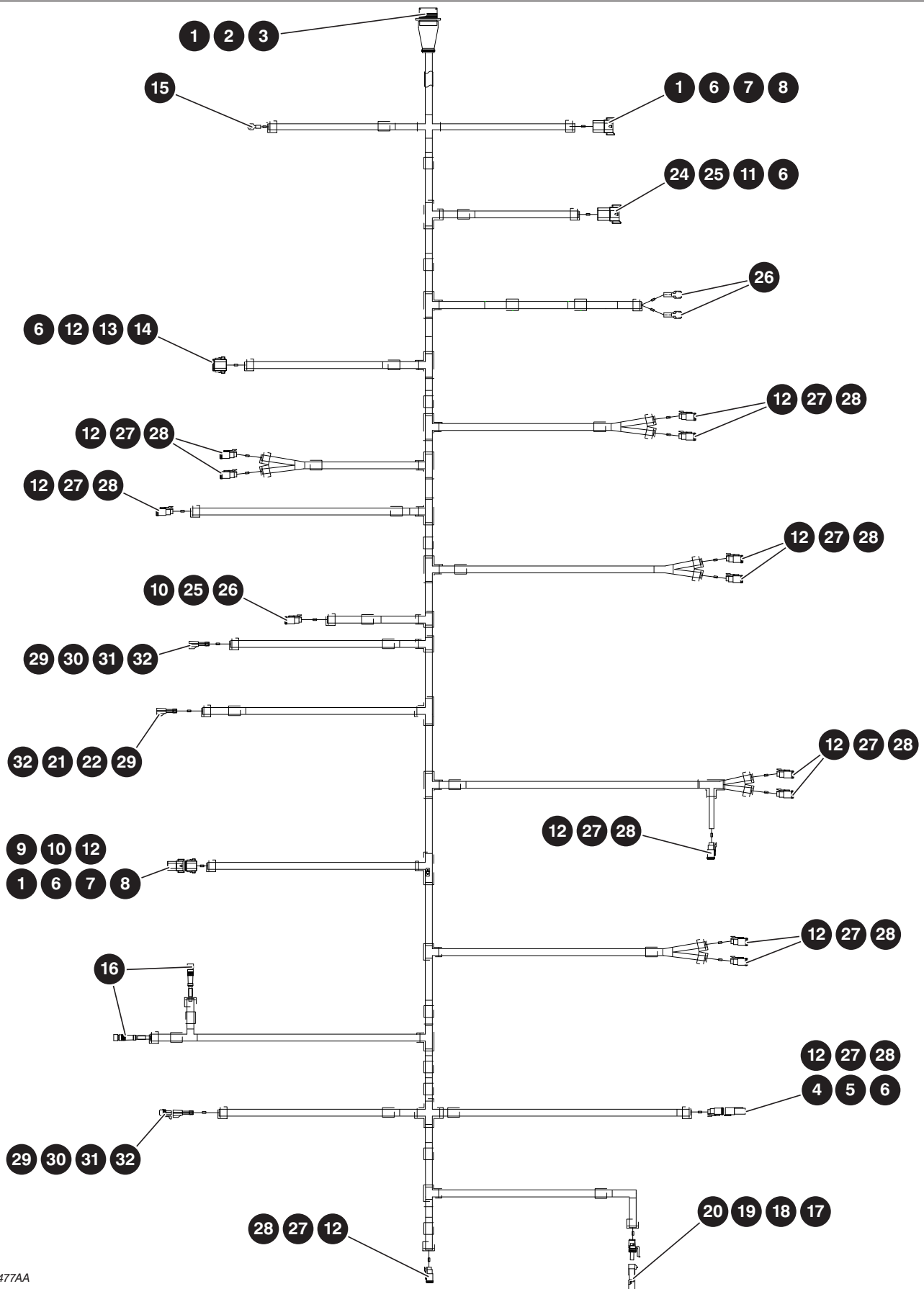
5.11 *Battery Cables*

5.7 *Alternator Cable Harness*

5.12 *Tilt Sensor*

5.8 *Glow Plug Harness*

5.1 Chassis Harness

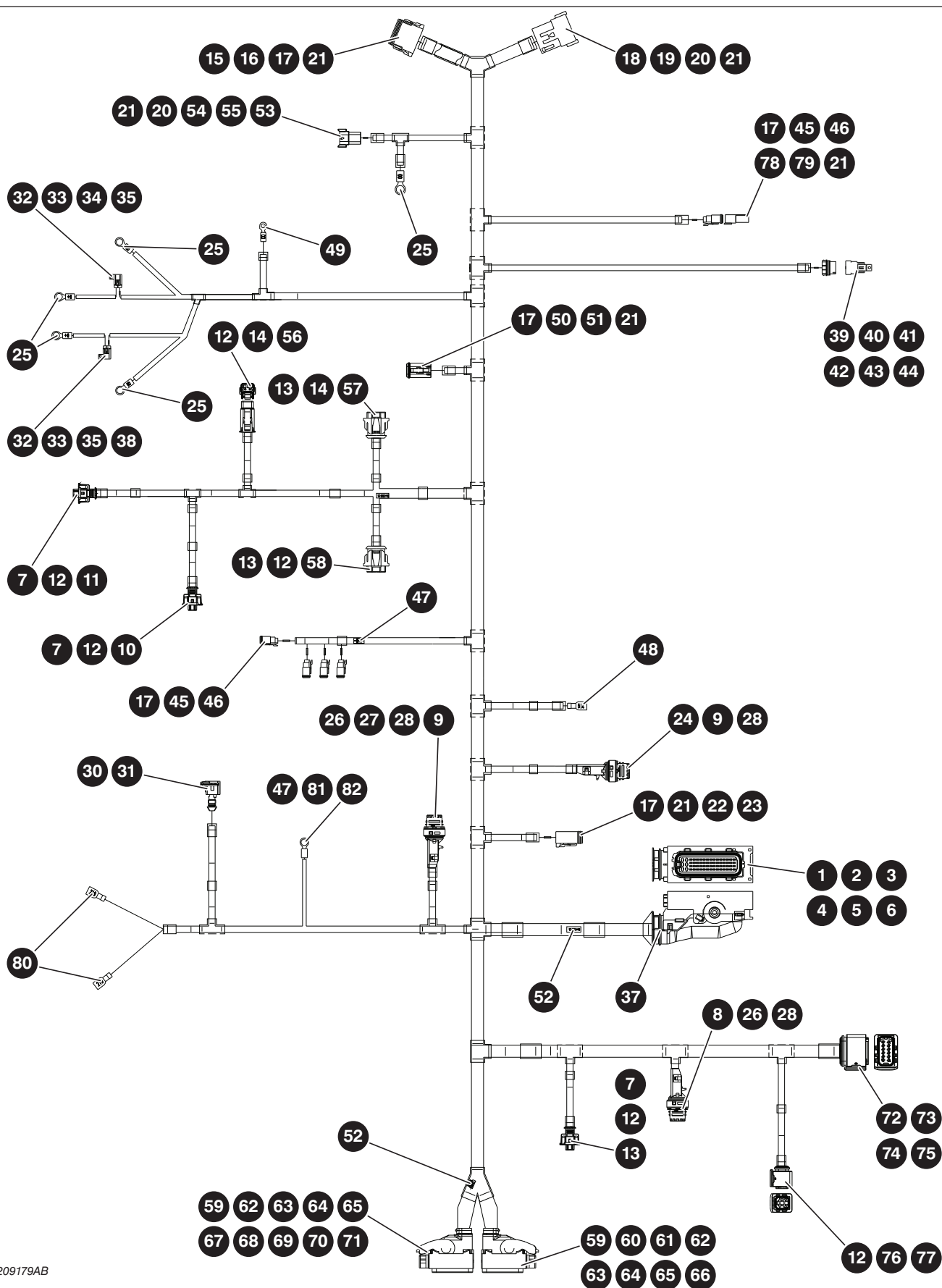


M199477AA

5.1 Chassis Harness

Index No.	Skyjack Part No.	Qty.	Description
-	199477	1	ASSEMBLY, TH CHASSIS HARNESS
1	156155	40	• PIN (16-20 AWG), Solid
2	156189	1	• CONNECTOR, 34M, HD34
3	156195	1	• STRAIN RELIEF, Straight
4	117596	1	• CONNECTOR Assembly 2M, DT
5	117598	1	• WEDGE, Pin W2P
6	117594	18	• PLUG, Sealing
7	117578	2	• CONNECTOR, Receptacle 4pin
8	117580	2	• WEDGE, W4P
9	117579	1	• CONNECTOR, 4F, DT
10	117581	1	• WEDGE, Socket
11	117590	6	• CONNECTOR, Contact pin 16-18
12	117591	40	• SOCKET (16-18 AWG), Solid
13	117583	1	• CONNECTOR, 8F, DT
14	117585	1	• WEDGE, Plug
15	156259	1	• TERMINAL, M10 Ring (3.0-2.0 mm ²)
16	190577	2	• CABLE, Sensor TH
17	156105	1	• CONNECTOR 2M, W/P
18	124036	1	• CONNECTOR 2F, W/P
19	156137	2	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
20	156147	2	• SEAL, Wire gray (3.5-2.8 mm), 280 M/P
21	190340	1	• CONNECTOR 3M, 280 M/P
22	190341	1	• TPA, 3W 280 M/P
23	102921	1	• DIODE T6A40L
24	117582	1	• CONNECTOR, 8M, DT
25	117584	1	• PLUG, W8P wedge
26	114595	2	• TERMINAL, Female disc. insulated (22-18 GA)
27	117597	15	• CONNECTOR, 2F, DT
28	117599	15	• WEDGE, Socket W2S
29	156120	2	• TERMINAL, Male (1.0-0.8 mm ²), 280 M/P
30	156144	2	• CONNECTOR 2M, 280 M/P
31	156145	2	• TPA, 2W 280 M/P
32	124369	2	• SEAL, Wire green (2.2.0 mm), 280 M/P

5.2 Engine Harness - S/N 87 410 838 and below

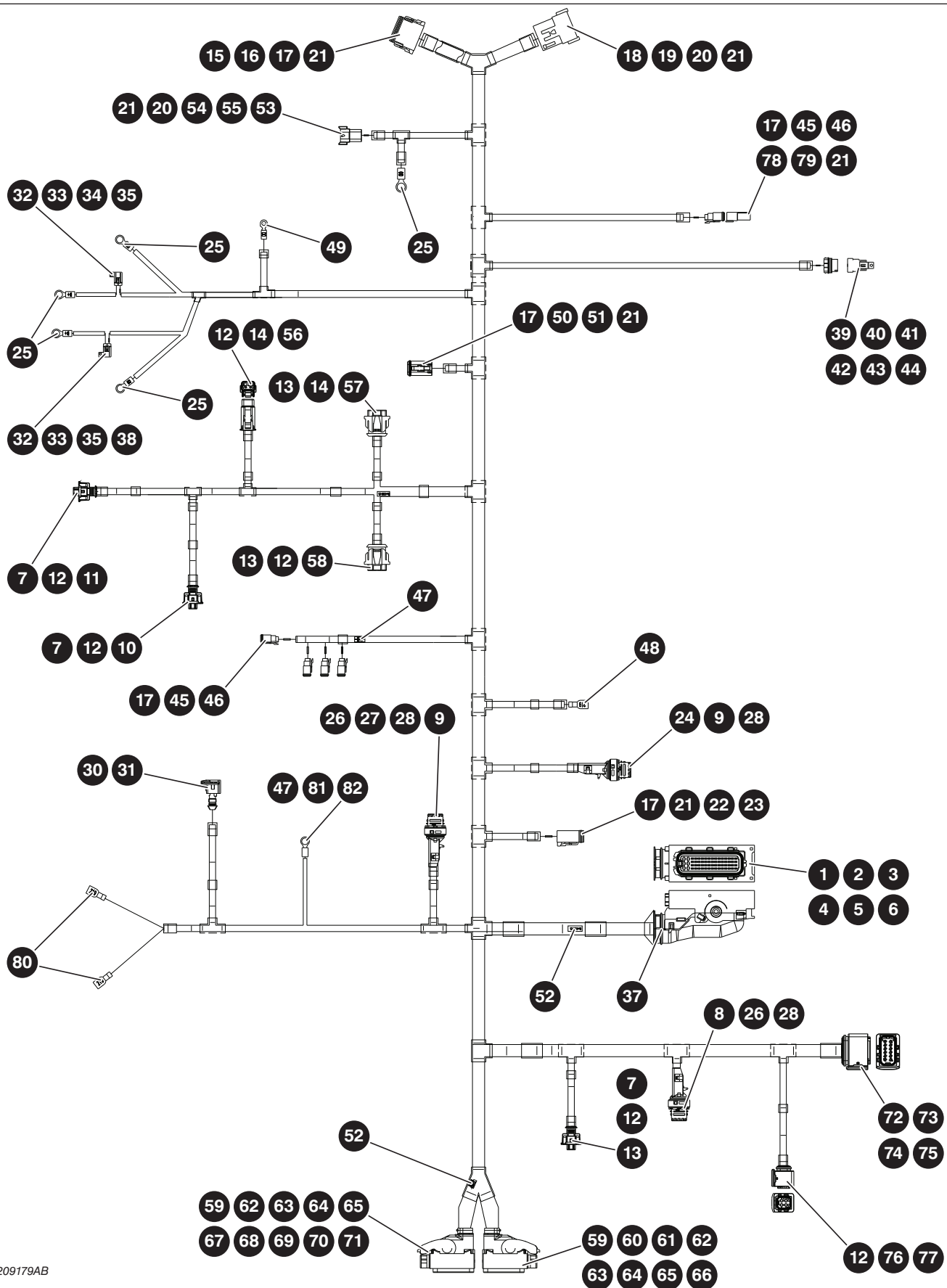


M209179AB

5.2 Engine Harness - S/N 87 410 838 and below

Index No.	Skyjack Part No.	Qty.	Description
-	209179	-	HARNESS, ENGINE DEUTZ 3.6L 107 HP
1	164544	1	• ASSEMBLY, Connector 62F, AMP MCP
2	164545	1	• COVER, 62 pin connector
3	164546	40	• TERMINAL FEMALE (1.0-0.5mm ²), MCP
4	164548	18	• CAVITY PLUG 3.6mm, MCP
5	164549	4	• TERMINAL FEMALE (2.5-1.0mm ²), MCP
6	164551	2	• CAVITY PLUG 5.4mm, MCP
7	191027	3	• SOCKET HOUSING
8	191630	2	• SEAL, Wire 13-17 AWG
9	190372	5	• SEAL, Wire
10	191631	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Gold
11	191632	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Silver
12	164578	18	• SEAL, WIRE
13	191040	10	• TERMINAL, 0.5 - 1.0 MM2
14	191633	1	• PLUG, Socket 16-20AWG
15	117587	1	• CONNECTOR, Plug 12-pin
16	117589	1	• CONNECTOR, Plug 12-pin wedge
17	117591	34	• CONNECTOR, Contact socket 16-18
18	117586	1	• CONNECTOR, Receptacle 12-pin
19	117588	1	• CONNECTOR, Receptacle 12-pin wedge
20	117590	17	• CONNECTOR, Contact pin 16-18
21	117594	6	• CONNECTOR, Sealing plug
22	117579	1	• CONNECTOR, Plug 4-pin
23	117581	1	• CONNECTOR, Plug 4-pin wedge
24	198634	1	• CONNECTOR 4F, 2.5mm Circular
25	156219	5	• TERMINAL, M8 Ring (5.0 mm ²)
26	164579	2	• CONNECTOR 4F, 2.5mm Circular
27	164580	1	• STRAIN Relief, Straight
28	164581	8	• TERMINAL FEMALE (1.0-0.5mm ²), 2.5mm CIRC.
29	164551	3	• CAVITY PLUG, JPT
30	156163	1	• ASSEMBLY, Connector 2F, AMP
31	156174	2	• TERMINAL, Female (1.0-0.5 mm ²), JPT
32	156127	2	• CONNECTOR 2F, 630 M/P Fuse holder
33	156118	4	• TERMINAL, Female (5.0-3.0 mm ²), 630 M/P pull-to-seat
34	156164	1	• FUSE, 30A
35	156117	2	• COVER, Inline autofuse
36	113719	51	• TIEWRAP 3 5/8 Long black
37	102891	3	• TIEWRAP 7 1/4 Long black
38	121504	1	• FUSE, 20A
39	156104	4	• PLUG CAVITY 1W, 280 M/P & W/P
40	156132	1	• CONNECTOR 5F, 280 M/P

5.2 Engine Harness - S/N 87 410 838 and below



M209179AB

205154AH

164

SJ1256 THS

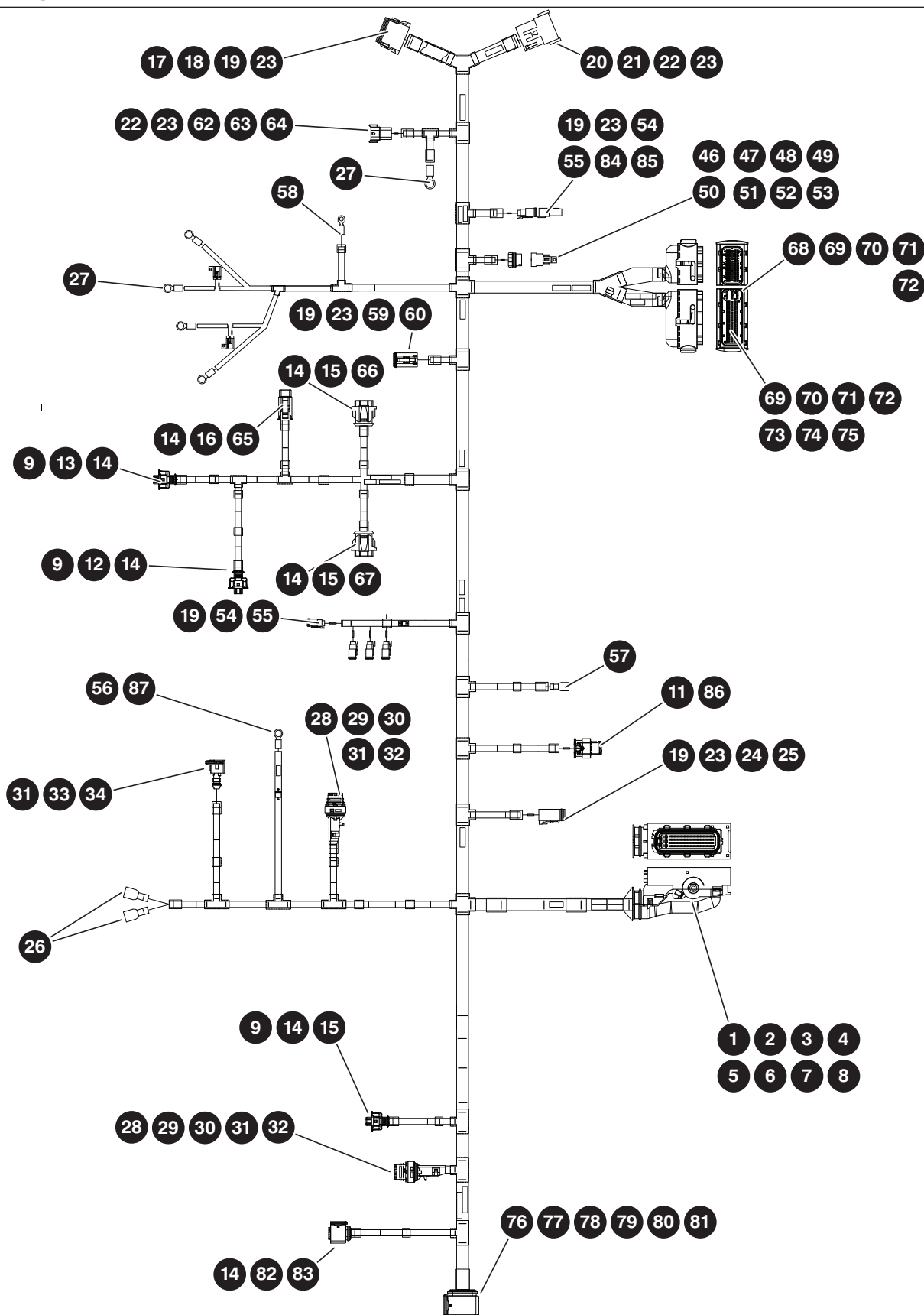
SKYJACK

5.2 Engine Harness - S/N 87 410 838 and below

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued in following page
-	-	-	Part list continued from previous page
41	156133	1	• TPA, 5W 280 M/P
42	156134	2	• TERMINAL, Female sealed (5.0-3.0 mm2), 280M/P tangless
43	156142	2	• TERMINAL, Female sealed (2.0-1.0 mm2), 280 M/P tangless
44	156200	1	• RELAY
45	117597	5	• ASSEMBLY, Connector 2F, DT
46	117599	5	• WEDGE, Socket
47	102921	1	• DIODE T6A40L
48	105359	3	• TERMINAL, Female 14-16GA INSL.Blue
49	156221	1	• TERMINAL, M10 RING (2X 1.0-0.8mm2)
50	117583	1	• ASSEMBLY, Connector 8F, DT
51	117585	1	• WEDGE, Socket
52	163021	3	• RESISTOR
53	117592	1	• CONNECTOR, Contact pin 14-16
54	117582	1	• ASSEMBLY, Connector 8M, DT
55	117584	1	• W8P WEDGE, Pin
56	191629	2	• TERMINAL, Socket 16-22 AWG
57	191634	1	• CONNECTOR, 4W Compact 1.1M
58	191635	1	• CONNECTOR, 4W Compact 1.1M OX
59	191013	2	• COVER, 105-WAY / 91-WAY
60	191014	1	• CONTACT HOUSING, 105-way
61	191015	1	• SECONDARY LOCK SIGNAL, 105-way
62	191016	66	• TERMINAL, MATRIX 1.2 - Clean body
63	191017	22	• TERMINAL, MATRIX 1.2 - Clean body 1.5MM2
64	191018	94	• CAVITY, PLUG 3/4"MM2
65	191019	8	• CAVITY, PLUG
66	191020	1	• RETAINING PLATE, 105P
67	191021	1	• CONTACT HOUSING, 91-WAY
68	191022	1	• SECONDARY Lock signal, 91P
69	191023	1	• SECONDARY Lock power, 94P
70	191024	6	• TERMINAL, 2.8 BTL
71	191026	1	• RETAINING Plate, 91P
72	191623	7	• TERMINAL, Female 1.5 MCP 17-20 AWG
73	191626	2	• PLUG, Cavity
74	191627	3	• TERMINAL, Female 1.5MCP 15-17 AWG
75	191628	1	• CONNECTOR, MCP1.5 12 Socket
76	191636	1	• CONNECTOR, MCP 4W Socket
77	191637	4	• TERMINAL, Female 0.5-1.0 MM2 Gold
78	117596	1	• ASSEMBLY, Connector 2M, DT
79	117598	1	• WEDGE, PIN W2P
80	105359	2	• TERMINAL, Female, 14-16ga, insulated blue
81	134493	1	• TERMINAL, Ring, 0.22-16GA x 1/4", red
82 SJ1256 THS	220147	1	• RESISTOR, 47 ohm, 5 watt

205154AH

5.3 Engine Harness - S/N 87 410 839 and above

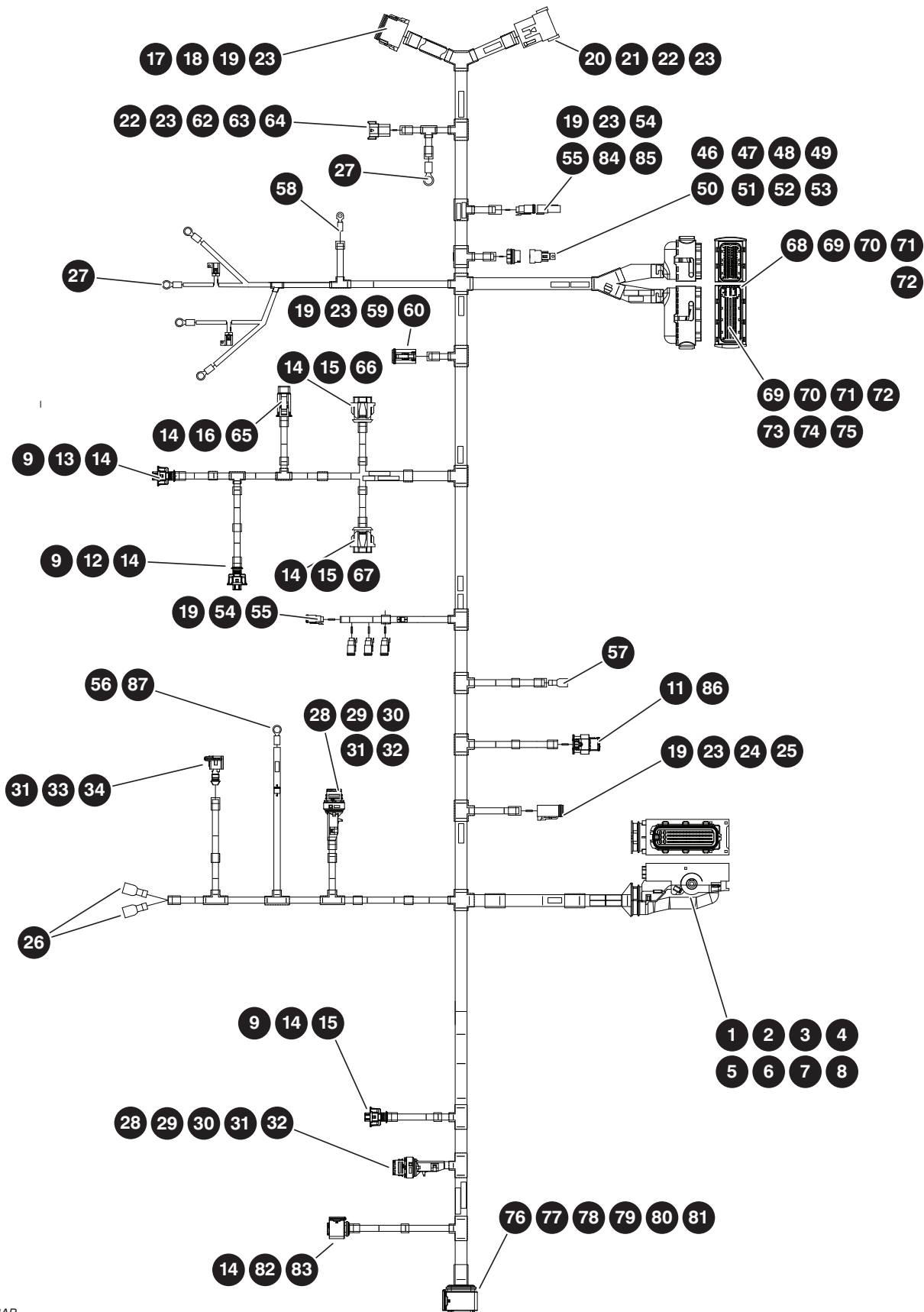


M244504AB

5.3 Engine Harness - S/N 87 410 839 and above

Index No.	Skyjack Part No.	Qty.	Description
-	244504	-	HARNESS, ENGINE DEUTZ 3.6L 107 HP EMR5
1	164544	1	• ASSEMBLY, Connector 62F, AMP MCP
2	164545	1	• COVER, 62 pin connector
3	164546	40	• TERMINAL FEMALE (1.0-0.5mm ²), MCP
4	164547	40	• SEAL, Wire (1.4-1.9mm) - grey
5	164548	18	• CAVITY PLUG 3.6mm, MCP
6	164549	4	• TERMINAL FEMALE (2.5-1.0mm ²), MCP
7	164550	2	• SEAL, Wire (2.3-3.0mm) - white
8	164551	2	• CAVITY PLUG 5.4mm, MCP
9	191027	3	• SOCKET HOUSING
10	191630	2	• SEAL, Wire 13-17 AWG
11	244506	3	• TERMINAL, Female (18-20 GA)
12	191631	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Gold
13	191632	2	• TERMINAL, Female BDK 2.8 0.5 - 1.0 mm ² Silver
14	164578	18	• SEAL, WIRE
15	191040	10	• TERMINAL, 0.5 - 1.0 MM2
16	191633	1	• PLUG, Socket 16-20AWG
17	117587	1	• CONNECTOR, Plug 12-pin
18	117589	1	• CONNECTOR, Plug 12-pin wedge
19	117591	34	• CONNECTOR, Contact socket 16-18
20	117586	1	• CONNECTOR, Receptacle 12-pin
21	117588	1	• CONNECTOR, Receptacle 12-pin wedge
22	117590	17	• CONNECTOR, Contact pin 16-18
23	117594	6	• CONNECTOR, Sealing plug
24	117579	1	• CONNECTOR, Plug 4-pin
25	117581	1	• CONNECTOR, Plug 4-pin wedge
26	105359	1	• TERMINAL, Female (14-16GA)
27	156219	5	• TERMINAL, M8 Ring (5.0 mm ²)
28	164579	2	• CONNECTOR 4F, 2.5mm Circular
29	164580	1	• STRAIN Relief, Straight
30	164581	8	• TERMINAL FEMALE (1.0-0.5mm ²), 2.5mm CIRC.
31	164578	18	• SEAL, Wire
32	164551	3	• CAVITY PLUG, JPT
33	156163	1	• ASSEMBLY, Connector 2F, AMP
34	156174	2	• TERMINAL, Female (1.0-0.5 mm ²), JPT
35	156127	2	• CONNECTOR 2F, 630 M/P Fuse holder
36	156118	4	• TERMINAL, Female (5.0-3.0 mm ²), 630 M/P pull-to-seat
37	156164	1	• FUSE, 30A
38	156117	2	• COVER, Inline autofuse
39	124399	138	• PROTECTOR, Wire (1/4")
40	120748	12	• PROTECTOR, Wire (1/2")
41	164582	106	• PROTECTOR, Wire (1")
42	164583	32	• PROTECTOR, Wire (1-1/4")
43	113719	51	• TIEWRAP 3 5/8 Long black
44	102891	3	• TIEWRAP 7 1/4 Long black
-	-	-	Part list continued in following page

5.3 Engine Harness - S/N 87 410 839 and above

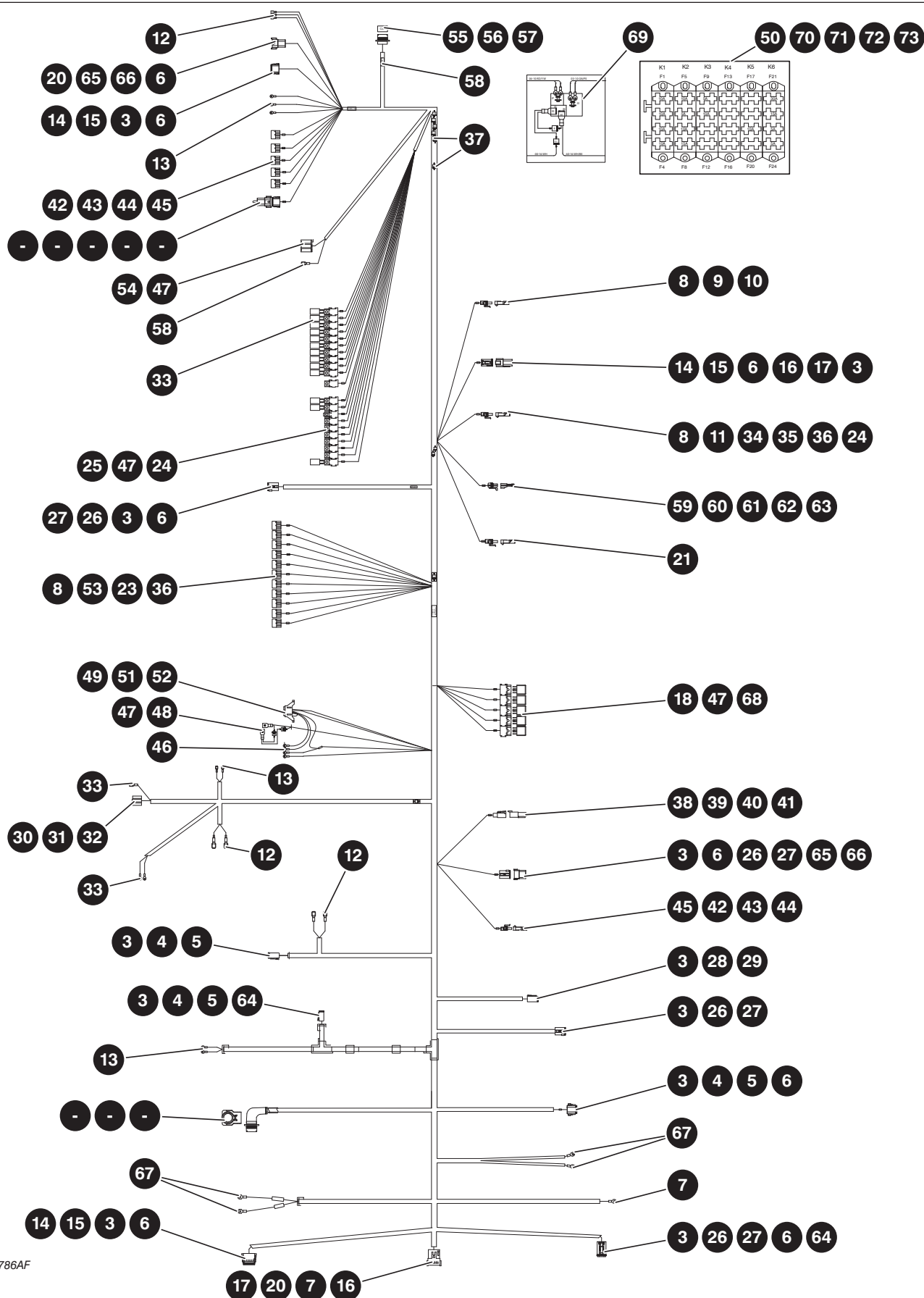


M244504AB

5.3 Engine Harness - S/N 87 410 839 and above

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued from previous page
45	121504	1	• FUSE, 20A
46	156104	4	• PLUG CAVITY 1W, 280 M/P & W/P
47	156132	1	• CONNECTOR 5F, 280 M/P
48	156133	1	• TPA, 5W 280 M/P
49	156134	2	• TERMINAL, Female sealed (5.0-3.0 mm2), 280M/P tangless
50	156142	2	• TERMINAL, Female sealed (2.0-1.0 mm2), 280 M/P tangless
51	156147	2	• SEAL, Wire (280 M/P) - gray
52	124369	2	• SEAL, Wire (280 M/P) - green
53	156200	1	• RELAY
54	117597	5	• ASSEMBLY, Connector 2F, DT
55	117599	5	• WEDGE, Socket
56	102921	1	• DIODE T6A40L
57	105359	3	• TERMINAL, Female 14-16GA INSL.Blue
58	156221	1	• TERMINAL, M10 RING (2X 1.0-0.8mm2)
59	117583	1	• ASSEMBLY, Connector 8F, DT
60	117585	1	• WEDGE, Socket
61	163021	3	• RESISTOR
62	117592	1	• CONNECTOR, Contact pin 14-16
63	117582	1	• ASSEMBLY, Connector 8M, DT
64	117584	1	• W8P WEDGE, Pin
65	191629	2	• TERMINAL, Socket 16-22 AWG
66	191634	1	• CONNECTOR, 4W Compact 1.1M
67	191635	1	• CONNECTOR, 4W Compact 1.1M OX
68	164556	1	• CONNECTOR, 4W Compact 1.1M OX
69	164561	80	• ASSEMBLY, Connector 60F
70	164562	16	• TERMINAL, Female (0.75-0.5mm2)
71	164563	40	• PLUG, Cavity (0.35-0.75mm2)
72	164564	12	• PLUG, Cavity (1.5mm)
73	164567	1	• ASSEMBLY, Connector 94F
74	164572	6	• TERMINAL, Female (2.5-1.0mm2)
75	164573	6	• SEAL, Wire - yellow
76	191623	7	• TERMINAL, Female 1.5 MCP 17-20 AWG
77	191624	7	• WIRE SEAL - grey
78	191625	3	• WIRE SEAL - yellow
79	191626	2	• PLUG, Cavity
80	191627	3	• TERMINAL, Female 1.5MCP 15-17 AWG
81	191628	1	• CONNECTOR, MCP1.5 12 Socket
82	191636	1	• CONNECTOR, MCP 4W Socket
83	191637	4	• TERMINAL, Female 0.5-1.0 MM2 Gold
84	117596	1	• ASSEMBLY, Connector 2M, DT
85	117598	1	• WEDGE, PIN W2P
86	244505	2	• CONNECTOR 3F
87	134493	1	• TERMINAL, Ring, 0.22-16GA x 1/4", red

5.4 Console Harness

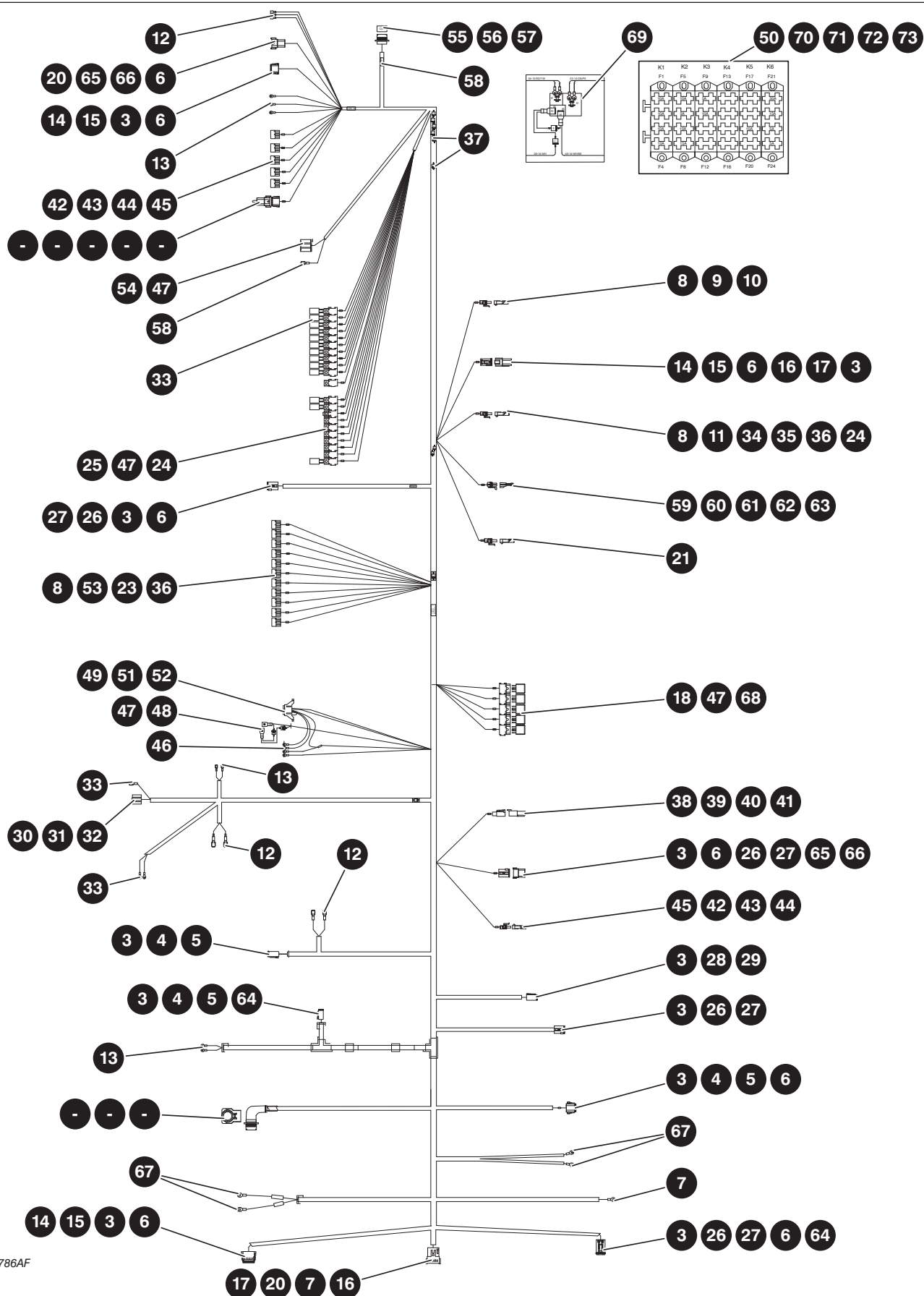


M216786AF

5.4 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
-	216786	1	HARNESS, CONSOLE 107 HP
1	156190	1	• ASSEMBLY, Connector 34F, HD34
2	156196	1	• STRAIN RELIEF, 90°
3	117591	91	• SOCKET (16-18 AWG), solid
4	117579	3	• ASSEMBLY, Connector 4F, DT
5	117581	3	• WEDGE, Socket
6	117594	51	• SEALING PLUG
7	156222	1	• TERMINAL, M10 RING (5.0 mm ²)
8	156104	8	• PLUG CAVITY 1W, 280 M/P & W/P
9	156106	1	• CONNECTOR 1M, W/P
10	156108	1	• CONNECTOR 1F, W/P
11	156137	8	• TERMINAL, Female sealed (2.0-1.0 mm ²), W/P
12	105359	7	• TERMINAL, Female disc. insulated (14-16 GA)
13	102936	7	• TERMINAL, 14-16AWG, #10 Ring blue
14	117587	2	• CONNECTOR, Plug 12-pin
15	117589	2	• CONNECTOR, Plug 12-pin wedge
16	117586	2	• CONNECTOR, Receptacle 12-pin
17	117588	2	• CONNECTOR, Receptacle 12-pin wedge
18	138749	5	• SOCKET, Relay
19	164855	2	• RESISTOR 1.0K 1/2 Watt axial lead
20	117590	16	• CONNECTOR, Contact pin 16-18
21	156109	1	• CONNECTOR 4F, W/P
22	156259	1	• TERMINAL, M10 Ring (3.0-2.0 mm ²)
23	124036	1	• ASSEMBLY, Connector 2F, W/P
24	931298	13	• RELAY, Mini iso
25	156166	21	• SOCKET, Relay
26	117583	3	• ASSEMBLY, Connector 8F, DT
27	117585	3	• WEDGE, Socket
28	156180	1	• ASSEMBLY, Connector 6F, DT
29	156194	1	• WEDGE, Plug
30	156101	1	• CONNECTOR 6F, 56 Series
31	156135	3	• TERMINAL, Female (2.0-1.0 mm ²), 56 series
32	156136	1	• TERMINAL, Female (2x 2.0-1.0 mm ²), 56 Series
33	114595	5	• TERMINAL, Female disc. insulated (22-18 GA)
34	156113	1	• CONNECTOR 3M, W/P
35	156114	1	• CONNECTOR 3F, W/P
36	156138	3	• TERMINAL, Female sealed (3.0-2.0 mm ²), W/P

5.4 Console Harness

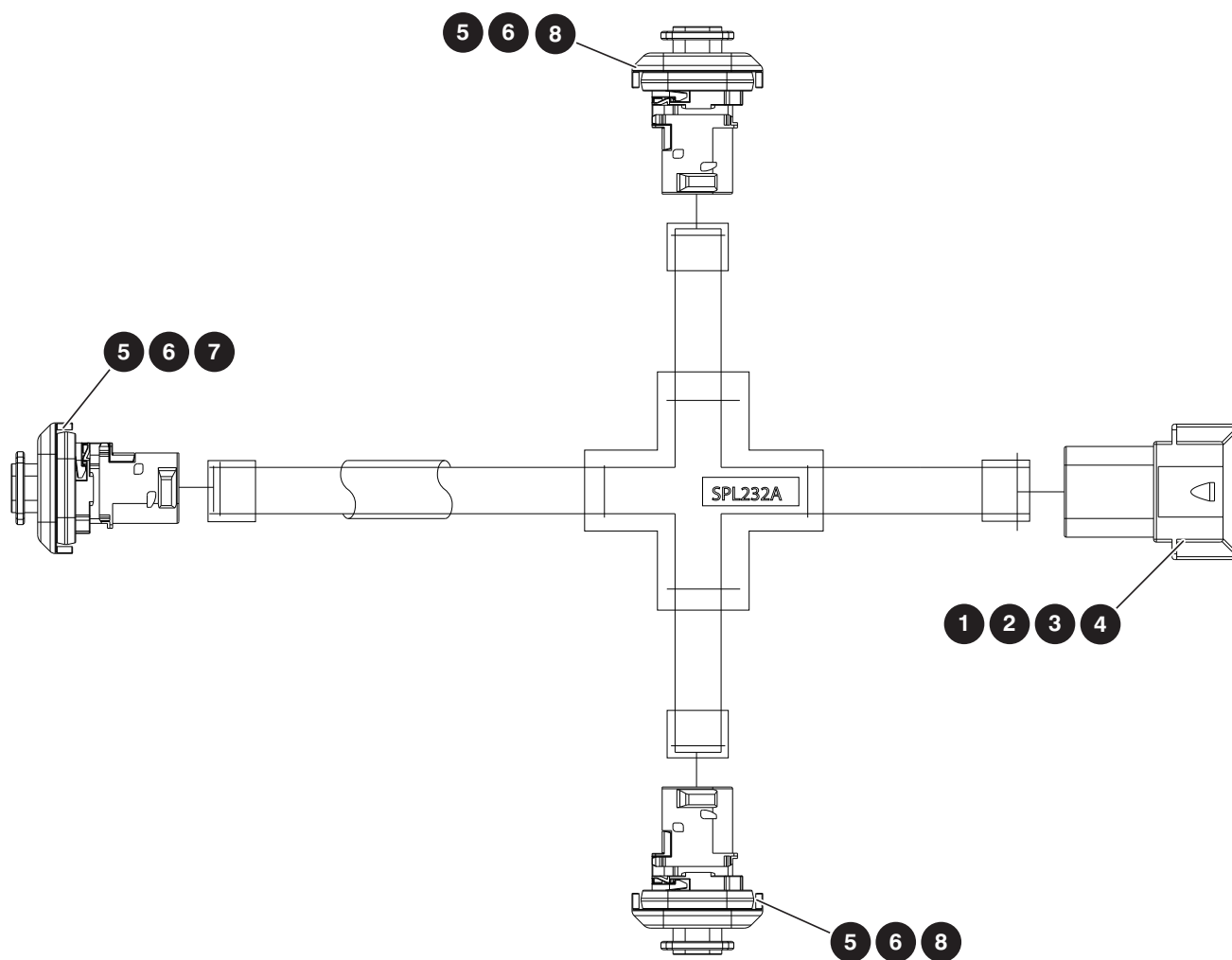


M216786AF

5.4 Console Harness

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Part list continued in following page
-	-	-	Part list continued from previous page
37	102921	11	• DIODE T6A40L
38	156157	1	• SOCKET (8-10 AWG), Solid
39	156182	1	• ASSEMBLY, Connector 1F, DTHD
40	156181	1	• ASSEMBLY, Connector 1M, DTHD
41	156168	1	• PIN (8-10 AWG), Solid
42	156162	16	• SOCKET, 10-way
43	164551	65	• CAVITY PLUG, JPT
44	156173	6	• TERMINAL, Female (2.5-1.5 mm2), JPT
45	156174	68	• TERMINAL, Female (1.0-0.5 mm2), JPT
46	156215	4	• TERMINAL, M5 Ring (5.0 mm2)
47	126808	59	• TERMINAL, Female (2.0-0.8 mm2)
48	105358	1	• CONNECTOR 2F, AMP
49	156102	25	• TERMINAL, Female (5.0-3.0 mm2), Pack-con
50	156103	6	• FUSEBLOCK
51	156110	12	• TERMINAL FEMALE (2.0-1.0 mm2), Pack-con
52	156111	1	• TERMINAL FEMALE (0.8-0.5 mm2), Pack-con
53	156105	1	• CONNECTOR 2M, W/P
54	156165	1	• SOCKET, Relay
55	164860	1	• ASSEMBLY, Connector, 12F Cannon trident
56	164861	1	• CABLE CLAMP, Cannon trident
57	164862	4	• TERMINAL, Female, 18-16GA Gold cannon trident
58	163021	2	• RESISTOR
59	156125	6	• PLUG CAVITY 1W, 150 M/P
60	156129	2	• TPA, 5W 150 M/P
61	156130	1	• CONNECTOR 5M, 150 M/P
62	156143	1	• CONNECTOR 5F, 150 M/P
63	124365	4	• FEMALE, Terminal sealed (1.0-0.5 mm2), 150 M/P
64	117593	2	• SOCKET (14-16 AWG), Solid
65	117584	2	• W8P WEDGE, Plug
66	117582	2	• ASSEMBLY, Connector 8M, DT
67	156219	4	• TERMINAL, M8 Ring (5.0 mm2)
68	127131	5	• RELAY 12V 40 AMP
69	226119	1	• POWER RELAY 75 A
70	156202	4	• FUSE, 5A
71	156203	8	• FUSE, 10A
72	156204	2	• FUSE, 15A
73	156164	1	• FUSE, 30A
SJ1256 THS	199144	54	• TERMINAL, 3/16" SRS Fastin-on RCPT PH-BR
74	129258	1	• DIODE 1A
75	220611	1	• CONNECTOR, DEUTSCH DTM06-12S
76	220612	1	• CONNECTOR, DEUTSCH DTM06 WEDGE
77	220613	9	• CONNECTOR, CONTACT SOCKET NO.20
78			

5.5 DEF Engine Harness



M191614AA

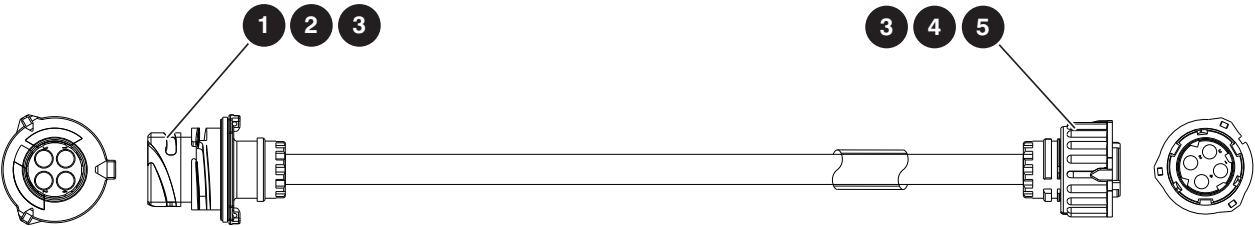
205154AH

SJ1256 THS

5.5 DEF Engine Harness

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

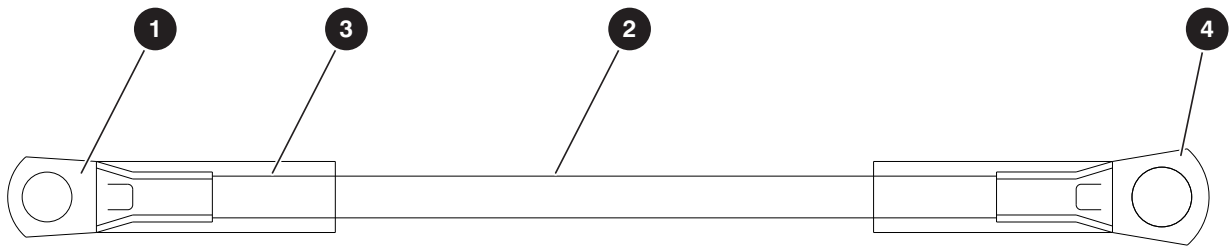
5.6 Low Fuel Pressure Harness



M191047AB

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

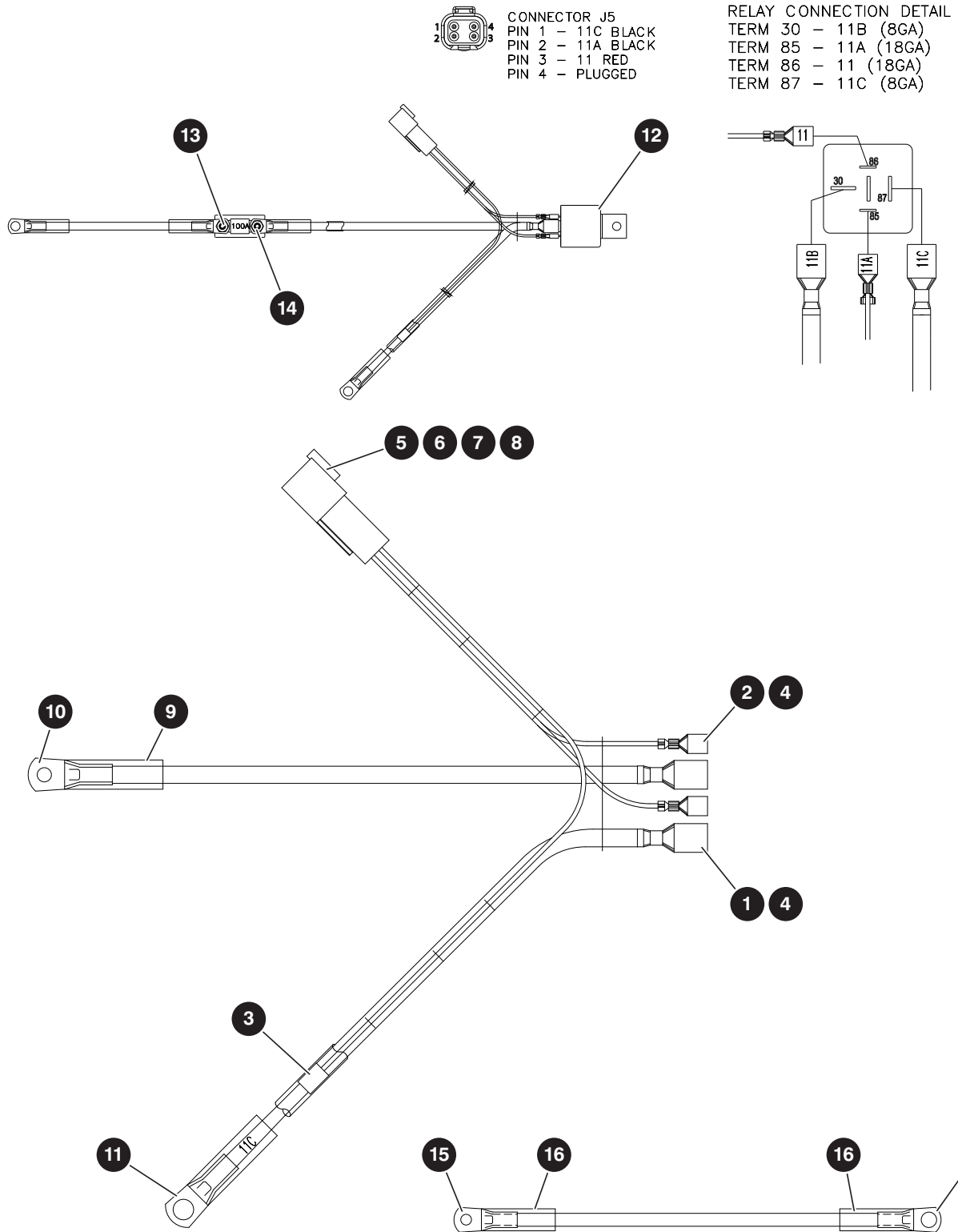
5.7 Alternator Cable Harness



M191641AA

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

5.8 Glow Plug Harness



M190367AD

205154AH

178

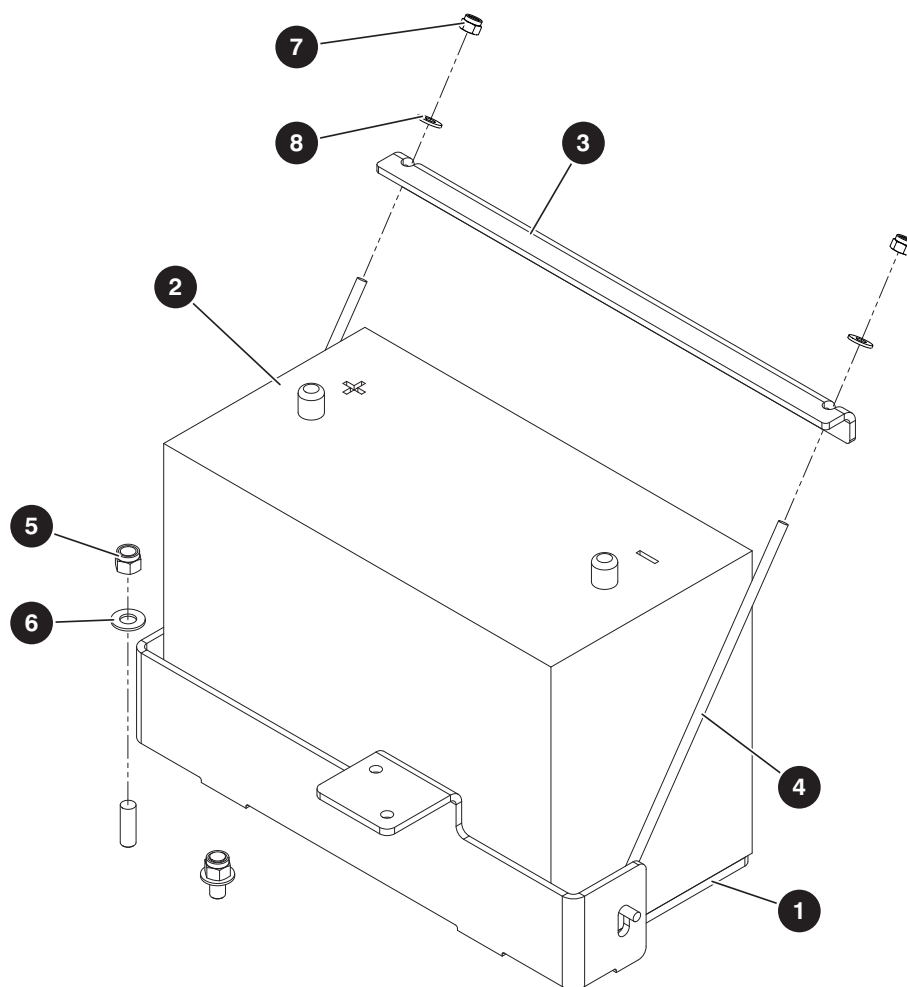
SJ1256 THS

SKYJACK

5.8 Glow Plug Harness

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

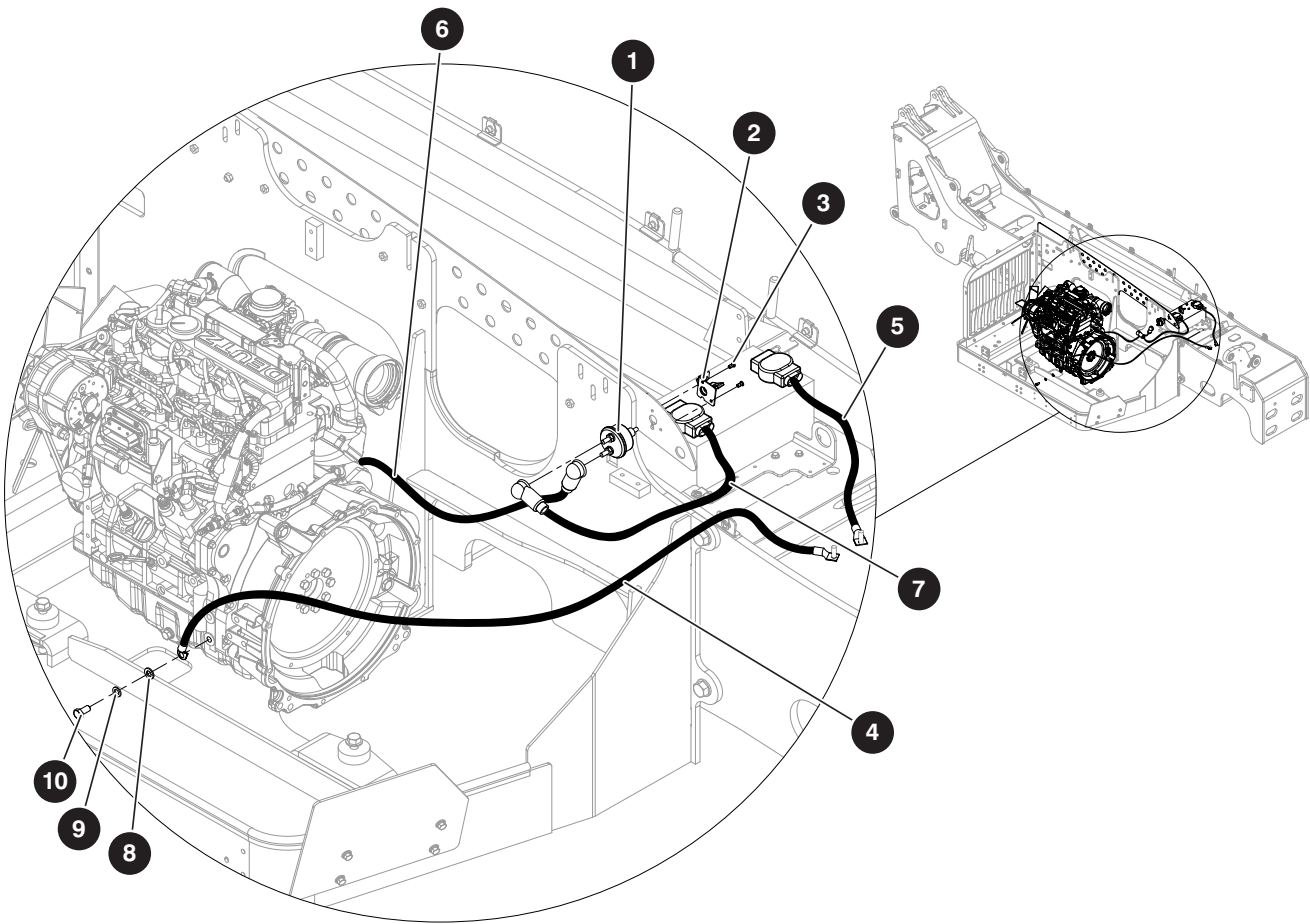
5.9 Battery



M191766AC

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

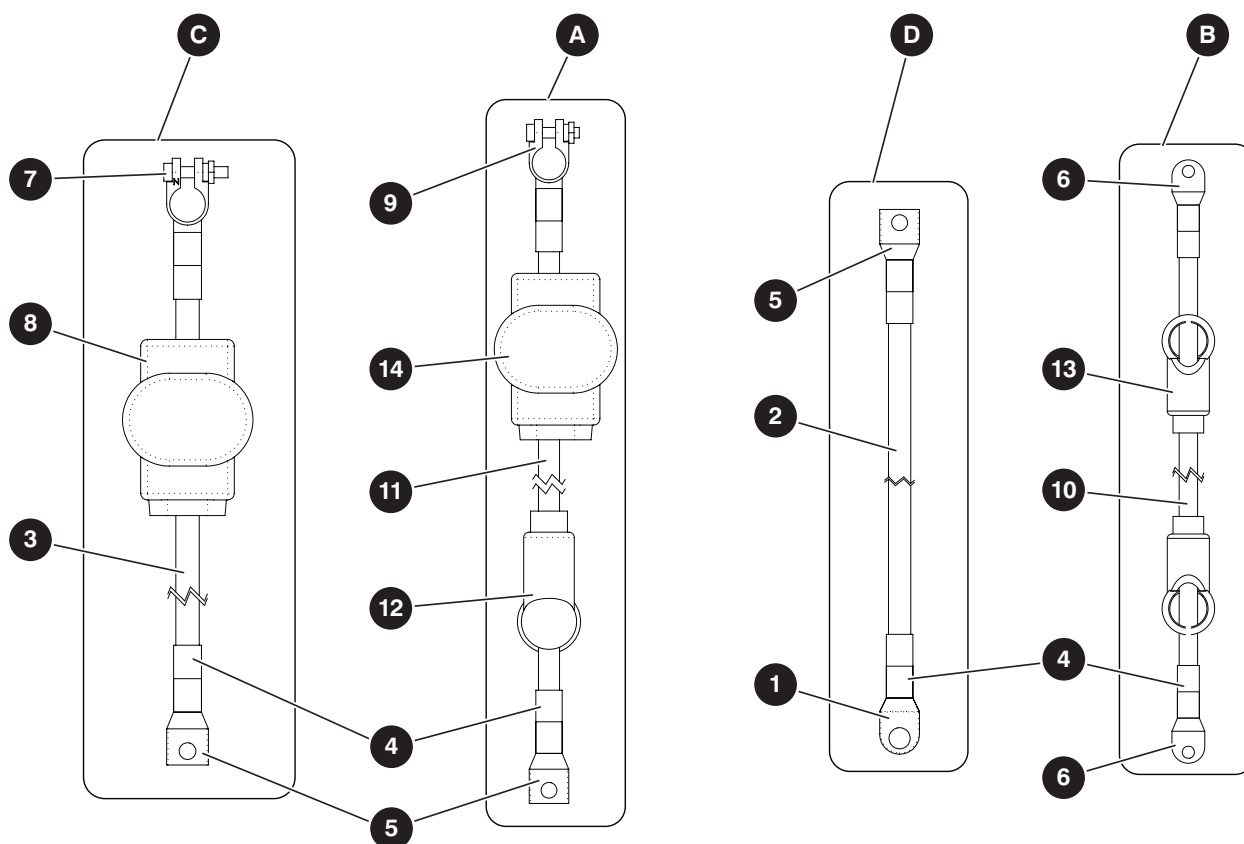
5.10 Battery Disconnect



M199981AA-2

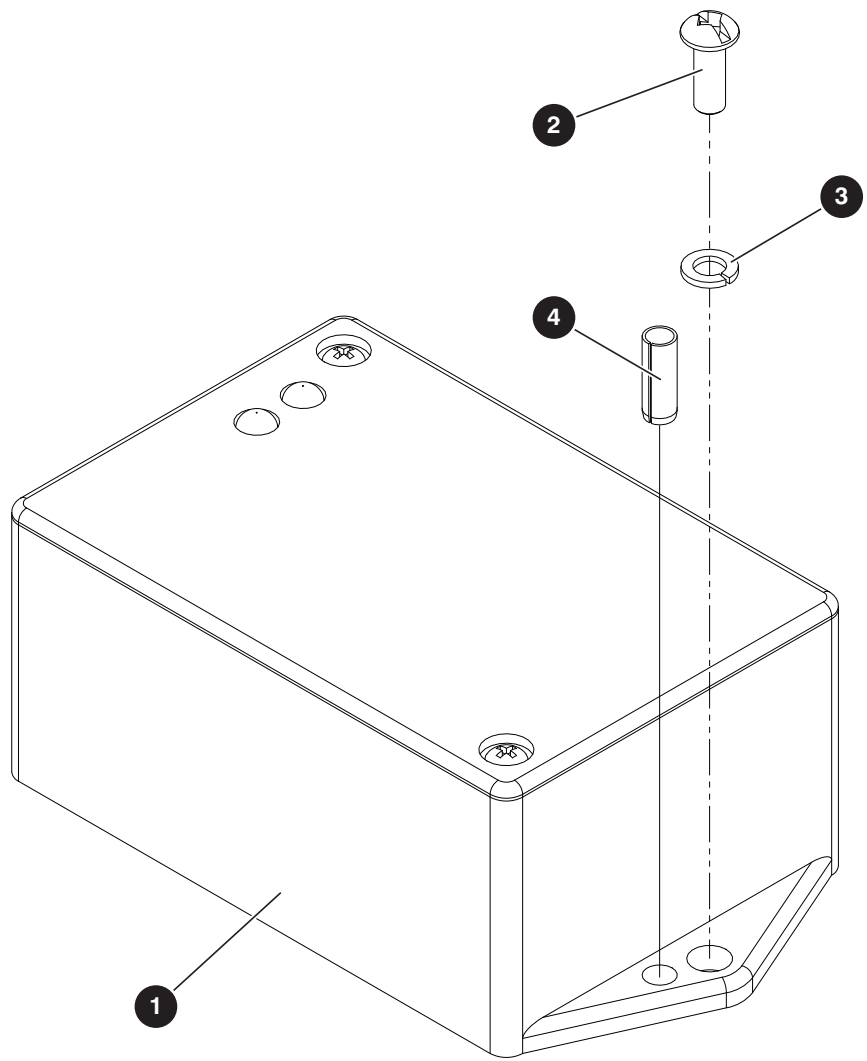
Index No.	Skyjack Part No.	Qty.	Description
-	199981	1	ASSEMBLY, BATTERY CABLES
1	119725	1	• SWITCH - MAIN LOCKOUT
2	108714	1	• MOUNT, Lock-out switch
3	157756	2	• RIVET, 3/16" x 0.45 long, steel
4	(Ref.)	1	• ASSEMBLY, Cable weld # 2/0 3/8" x 72" x 1/2" (00,00) (For components, refer to Section 5.11)
5	(Ref.)	1	• ASSEMBLY, Cable weld # 2/0 post 5/16" x 26" x 3/8" (00,00) (For components, refer to Section 5.11)
6	(Ref.)	1	• ASSEMBLY, Cable # 2/0 3/8" x 42" x 5/16" (03, 03) (For components, refer to Section 5.11)
7	(Ref.)	1	• ASSEMBLY, Cable # 2/0 post 3/8"x 20" x 5/16" (+B,03) (For components, refer to Section 5.11)
8	933817	1	• WASHER, Flat M12 CL 200 Y
9	600549	1	• WASHER, Lock M12-Plated DIN 127B
10	152324	1	• BOLT, Hex head M12 X 1-3/4" x 25mm Gr. 8.8 zinc plated

5.11 Battery Cables



M199981AB-Cables

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



M196364AC

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

 **Notes**

Section 6 – Boom

6.1 *Boom Installation - S/N 87 410
637 and below*

6.3 *Boom Assembly*

6.4 *First Boom Section*

6.5 *Second Boom Section*

6.6 *Third Boom Section*

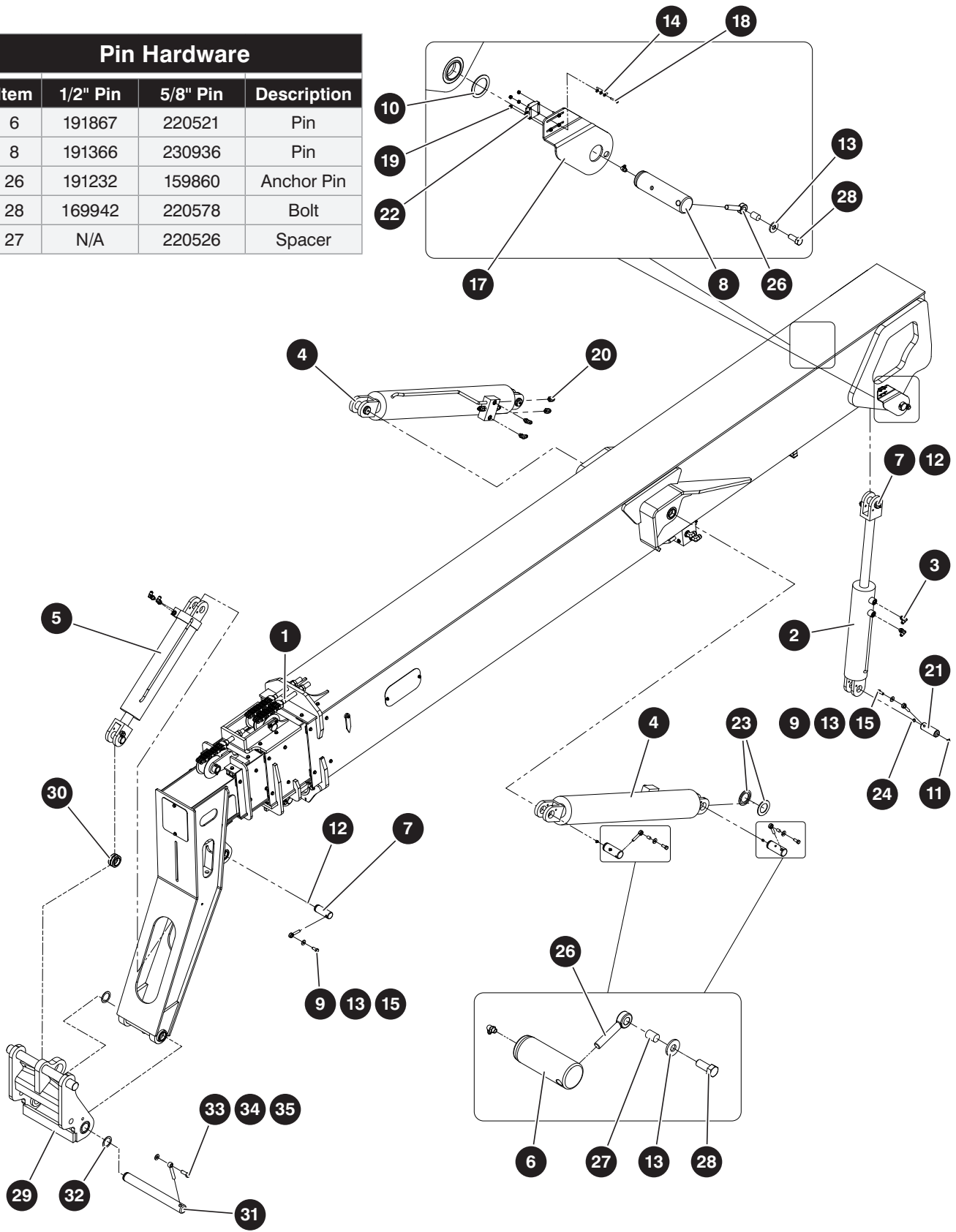
6.7 *Fourth Boom Section*

6.8 *Cable Carrier*

6.9 *Auxiliary Hydraulics*

6.1 Boom Installation - S/N 87 410 637 and below

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

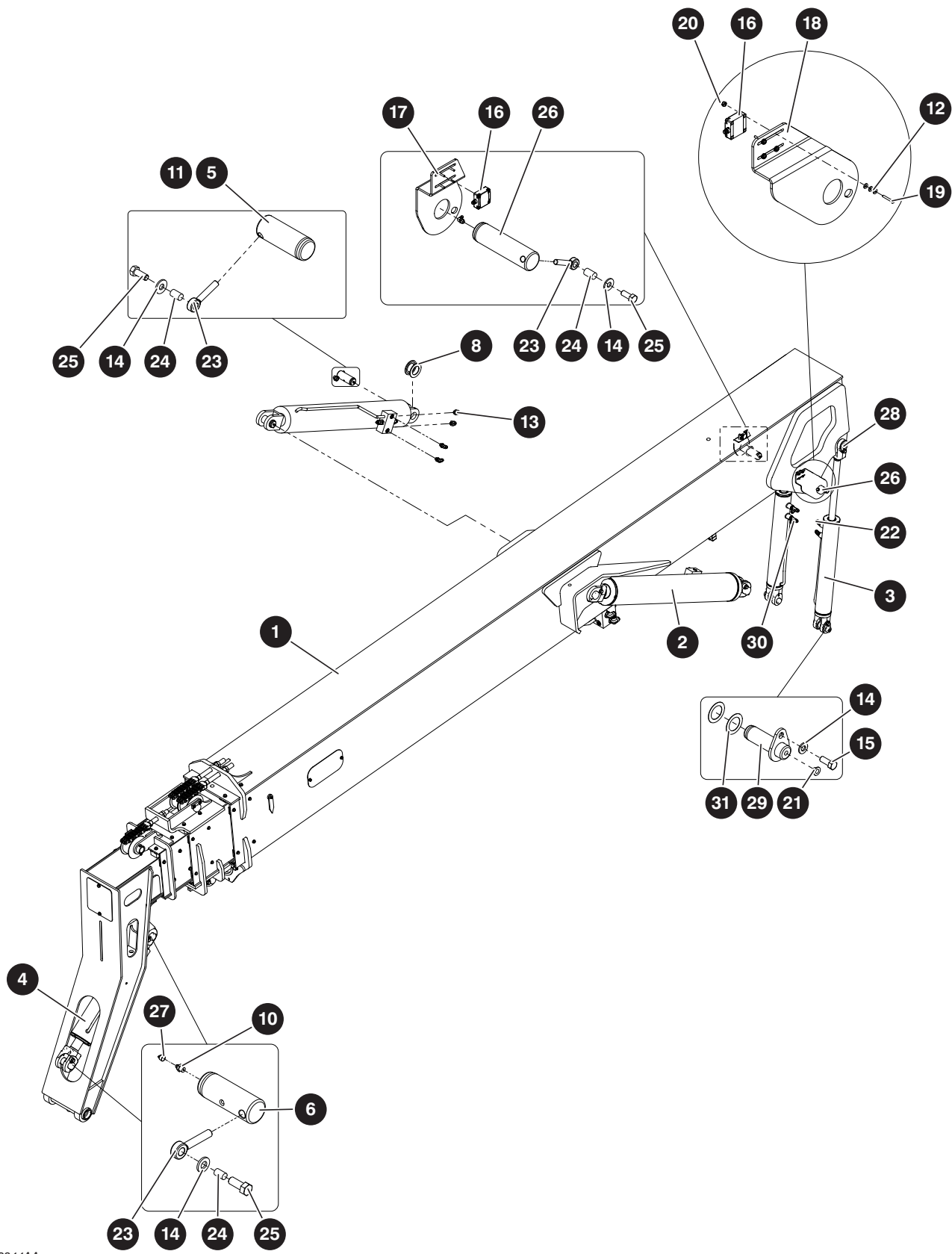


M204345A1

6.1 Boom Installation - S/N 87 410 637 and below

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	
-	-	-	Part numbers with an A or a B after the index number must be ordered together
-	204345	1	SUBGROUP, BOOM 1256
1	(Ref.)	1	ASSEMBLY, Boom 1256 (For components, refer to Section 6.3)
2	205789	1	CYLINDER, Tilt comp (For components, refer to Section 7.4)
3	114583	8	FITTING, 90° (08 JICM - 08 ORBM)
4	205058	2	CYLINDER, Lift (For components, refer to Section 7.2)
5	205788	1	CYLINDER, Fork tilt (For components, refer to Section 7.3)
6A	220521	4	PIN, 2" DIA x 5-9/32" long <i>(uses 5/8" anchor pin)</i>
6B	191867	4	PIN, 2" DIA x 5-1/8" long <i>(uses 1/2" anchor pin)</i>
7	191866	3	PIN, 1-3/4" DIA x 4-3/4" long
8A	230936	2	PIN, 2" DIA x 7-17/32" long <i>(uses 5/8" anchor pin)</i>
8B	191366	2	PIN, 2" DIA x 7-3/8" long <i>(uses 1/2" anchor pin)</i>
9	191232	3	PIN, Anchor
10	931574	2	WASHER, Thrust
11	700510	2	FITTING, Grease, 1/8" NPT 90°
12	102027	2	FITTING, Grease 1/8" NPT Straight
13	104379	10	WASHER, Flat 1/2" Hard
14	191833	24	WASHER, Flat #6
15	169942	3	BOLT, Hex head 1/2"-13x1-1/4" Gr. 8
16	191826	1	PLATE, Sensor mount 70° - 10K
17	191825	1	PLATE, Sensor mount 40° - 10k
18	103956	8	SCREW, Round head machine 6-32 x 1"
19	196306	8	NUT, Lock with nylon insert 6-32 Gr. 5
20	144279	2	FITTING, (08 SAE - 12 JIC)
21	191741	1	PIN, 1-3/4" DIA x 5-3/16" Long
22	190547	2	SENSOR, Inductive proxi 15mm
23	196586	4	SPACER, Lift cylinder 10K
24	197449	1	PLUG, 1/2" Wide flange
25	132565	4	CAP, Grease GC5 (Not Shown)
26A	159860	7	PIN, Anchor - 5/8"
26B	191232	6	PIN, Anchor - 1/2"
27A	220526	7	SPACER, .641ODx.531IDx.688LG
28A	220578	7	BOLT, HEX HD\PATCH\0.5-13 X 1.50 gr8 ZP
28B	169942	6	BOLT, Hex head 1/2"-13x1-1/4" Gr. 8
-	190456	1	QA ATTACHMENT SUBGROUP
-	235348	1	KIT, Apron and Bearing
29	190016	1	WELDMENT, Apron
30	920767	1	BEARING, Spherical
31	190017	1	PIN, 1.993" DIA x 18-1/2" long
32	931602	2	WASHER, Thrust
33	700782	1	WASHER, Flat 5/8" hard
34	148944	1	BOLT, Hex head patch 5/8"-11 x 1-3/4" grade 8
35	146898	1	PIN, Keeper 5/8"

6.2 Boom Installation - Dual Tilt - S/N 87 410 638 and above

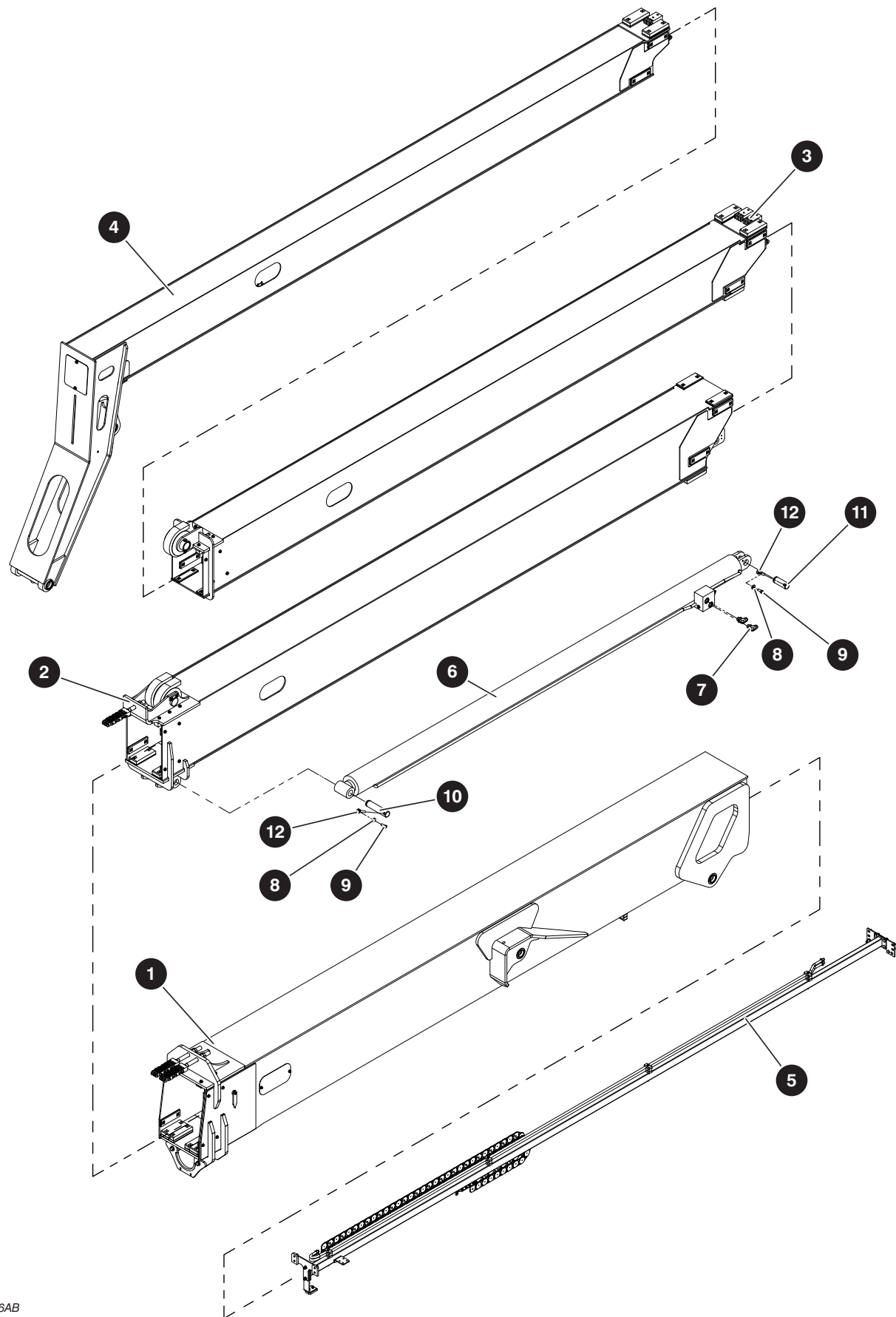


M232344AA

6.2 Boom Installation - Dual Tilt - S/N 87 410 638 and above

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	
-	232344	1	SUBGROUP, BOOM 1256
1	232345	1	BOOM ASSEMBLY, 1256
2	205058	2	CYLINDER, LIFT 1256
3	235269	2	CYLINDER, TILT COMP 1256
4	235270	1	CYLINDER, FORK TILT 1256
5	220521	4	PIN, 2.00ODx5.281
6	191866	2	PIN, 1.75 DIA X 4.75 LG
7	191232	2	PIN, ANCHOR
8	196586	4	SPACER, LIFT CYL 10K
9	931602	2	WASHER THRUST 2" ID X 2.74" OD - 0.092"THK
10	102027	2	FTG GREASE 1/8 NPT STRAIGHT
11	230941	4	PLUG, EXTERNAL HEX PIPE 1/8"
12	191833	24	WASHER, FLAT #6
13	144279	2	FTG, 8 SAE TO -12 JIC
14	104379	12	Washer Flat 0.500 Hard
15	169942	5	BOLT, HXHD .500-13x1.250 GR8 ZN
16	190547	2	SENSOR, INDUCTIVE PROXI 15MM
17	191826	1	PLATE, SENSOR MOUNT 70 - 10K
18	191825	1	PLATE, SENSOR MOUNT 40 - 10K
19	103956	8	SCREW, RND HD MACHINE 6-32 x 1.000
20	196306	8	NUT, LOCK 6-32 GR5 - NYL
21	197449	2	PLUG 1/2" WIDE FLANGE
22	114583	8	FTG, 90 DEG (08JICM-08ORBM)
23	159860	6	KEEPER PIN - 0.625 SHORT
24	220526	7	SPACER, .641ODx.531IDx.688LG
25	220578	7	BOLT, HEX HD\PATCH\0.5-13 X 1.50 gr8 ZP
26	230936	2	PIN, 2.00ODx7.531 NO GREASE
27	132565	2	CAP, GREASE GC5
28	235241	2	PIN WLDT, 1.375 DIA X 4.375 LG
29	235248	2	PIN WLDT, 1.375 DIA X 4.875 LG
30	110554	2	FTG, RUN TEE (8JICM-8ORBM-8JICM)
31	236328	8	THRUST WASHER, 1.375ID X 2.062OD X .03THK

6.3 Boom Assembly

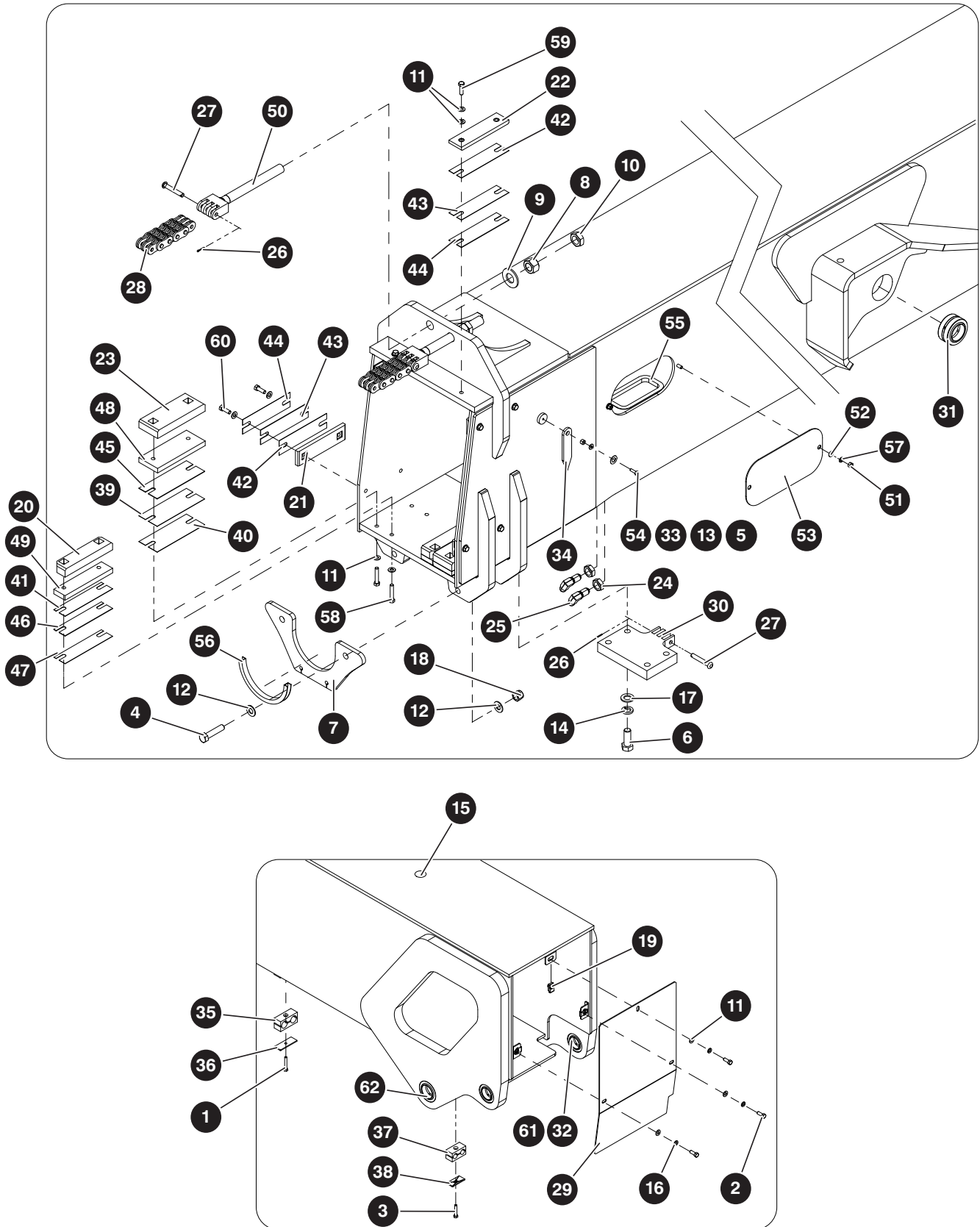


M204346AB

6.3 Boom Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	204346	1	ASSEMBLY, BOOM
1	(Ref.)	1	ASSEMBLY, 1st boom 1256 (For components, refer to Section 6.4)
2	(Ref.)	1	ASSEMBLY, 2nd boom 1256 (For components, refer to Section 6.5)
3	(Ref.)	1	ASSEMBLY, 3rd boom 1256 (For components, refer to Section 6.6)
4	(Ref.)	1	ASSEMBLY, 4th boom 1256 (For components, refer to Section 6.7)
5	(Ref.)	1	ASSEMBLY, Cable carrier 1256 (For components, refer to Section 6.8)
6	(Ref.)	1	CYLINDER, Extend 1256 (For components, refer to Section 7.1)
7	105445	2	FITTING, 90° (12 JICM - 12 ORBM)
8	104379	2	WASHER, Flat 1/2" Hard
9	169942	2	BOLT, Hex Head 1/2"-13 x 1-1/4" Gr. 8 zinc plated
10	190029	1	PIN, 1-3/4" DIA x 7-3/4" Long
11	190018	1	PIN, 1-3/4" DIA x 4-11/16" Long
12	191232	2	PIN, Anchor
13	205141	1	BOOM SUBGROUP 1256

6.4 First Boom Section



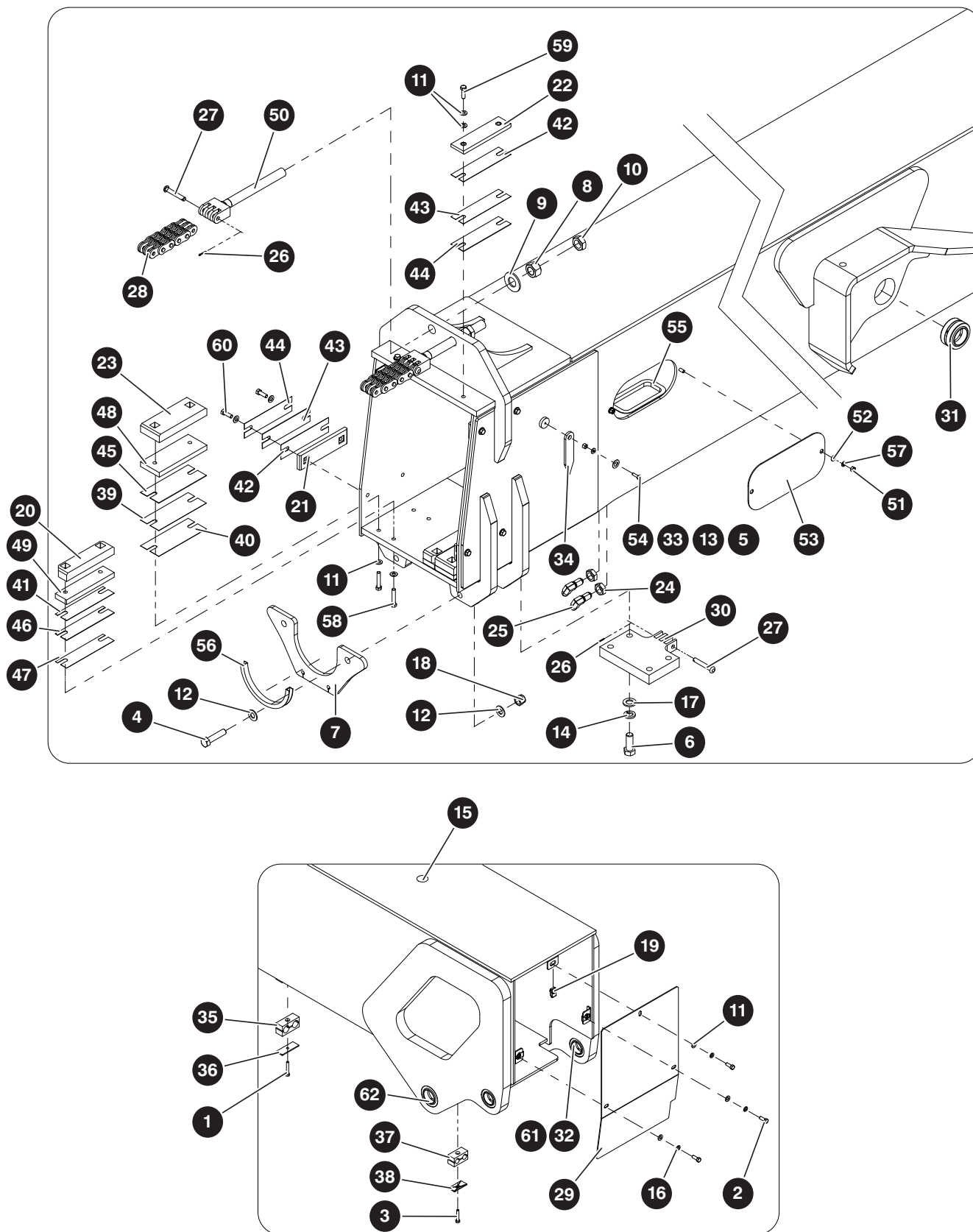
M232346AA

205154AH

6.4 First Boom Section

Index No.	Skyjack Part No.	Qty.	Description
-	204688	1	WELDMENT, 1st boom section For serial number 87410637 and below
-	235238	1	WELDMENT, 1st boom section Dual tilt For serial number 87410638 and above
A	204347	1	ASSEMBLY, 1st BOOM SECTION - For serial number 87410637 and below
B	232346	1	ASSEMBLY, 1st BOOM SECTION - Dual tilt - For serial number 87410638 and above
1	103866	2	• BOLT, Hex Head 5/16"-18 x 2-1/4" Gr. 5
2	207298	3	• BOLT, Hex Head 3/8"-16 x 1" Gr. 5
3	103885	5	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
4	100844	2	• BOLT, Hex Head 5/8"-11 x 2-3/4" Gr. 8
5	103891	1	• BOLT, Hex Head 1/4"-20 x 7/8" Gr. 5
6	159237	4	• BOLT, Hex Head 3/4"-10 x 2" Gr. 8
7	191344	1	• PLATE, Cylinder support
8	411959	2	• NUT, Hex 1-14", Gr. 8 zinc plated
9	932724	2	• WASHER, Flat
10	107947	2	• NUT, Hex head jam 1-14 Gr. 5
11	125959	27	• WASHER, Flat 3/8" hard
12	700782	4	• WASHER, Flat 5/8" Hard
13	103995	1	• WASHER, Flat 1/4"0
14	702194	4	• WASHER, Flat 3/4" HARD HIGH\zinc plated
15	196369	1	• PLUG, Plastic 3/4" Tube ID
16	103999	3	• WASHER, Lock 3/8"
17	104002	4	• WASHER, Lock 3/4"
18	111577	2	• NUT, Lock with nylon insert 5/8"-11 Gr. 5
19	159294	3	• NUT, Speed clip 3/8"-16
20	191269	2	• WEAR PAD, 27 x 45 x 190
21	191266	4	• WEAR PAD, 12 x 50 x 190
22	191268	2	• WEAR PAD, Black 12 x 50 x 190
23	191267	2	• WEAR PAD, Black 27 x 75 x 190
24	154242	2	• NUT, Bulk head (08 JIC)
25	154241	2	• FITTING, 90° Bulkhead (08 JICM - 08 JICM)
26	933615	3	• PIN, Cotter
27	204647	3	• PIN, Anchor BL1066
28	204351	2	• CHAIN, Extend BL1066
29	205065	1	• COVER, Boom - A
-	235244	1	• COVER, Boom - B
30	204672	1	• ANCHOR, Chain 1066
31	230942	2	• BEARING, Maintenance free 2"
32	920767	1	• BEARING, Spherical - A
33	190545	1	• SPACER, SS 1/2 " OD x 5/16" long x 1/4" ID

6.4 First Boom Section

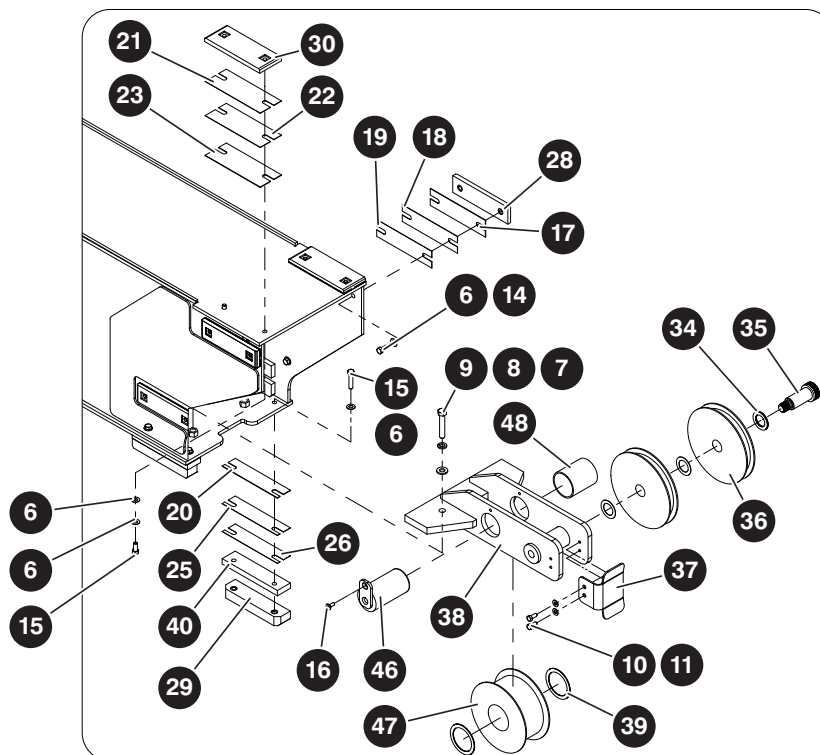
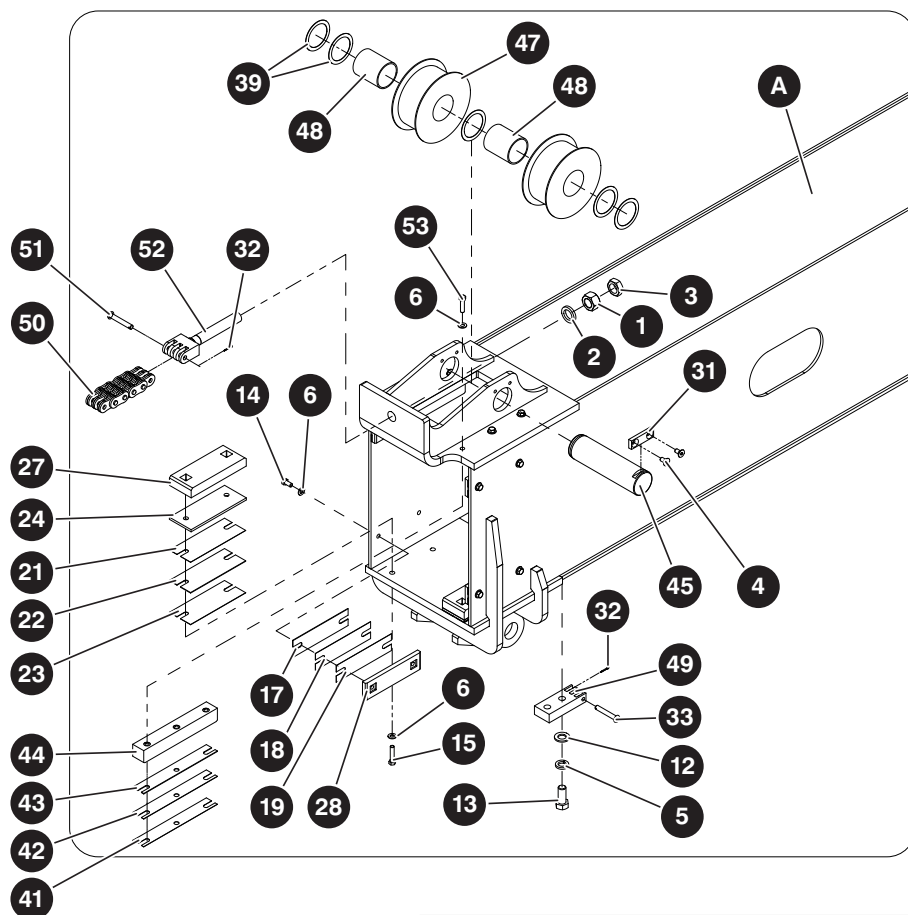


M232346AA

6.4 First Boom Section

Index No.	Skyjack Part No.	Qty.	Description
34	190019	1	• PLATE, Angle indicator
35	199907	2	• CLAMP, Twin #12
36	190217	2	• PLATE, Cover 4D
37	199762	5	• CLAMP, Twin #08
38	932673	5	• PLATE, Cover 3D
39	920273	2	• PLATE, Shim
40	920274	2	• PLATE, Shim
41	920272	2	• PLATE, Shim
42	927040	6	• PLATE, Shim
43	926942	6	• PLATE, Shim
44	926177	6	• PLATE, Shim
45	930195	2	• PLATE, Shim
46	926488	2	• PLATE, Shim
47	920271	2	• SHIM, Narrow offset
48	207035	2	• PLATE, Spacer 5/8"
49	207040	2	• PLATE, Spacer 5/8" Narrow
50	205079	2	• CHAIN ANCHOR, Threaded BL1066
51	100397	4	• NUT, Hex 5/16"-18 Gr. 5
52	103996	12	• WASHER, Flat 5/16"
53	191377	2	• PLATE, Side cover
54	191841	1	• SPACER, 17/32" ID x 1" OD x 22 GA
55	119922	16	• PROTECTIVE TRIM 1/4-1/2"
56	119922	10	• PROTECTIVE TRIM 1/4-1/2"
57	103404	4	• WASHER, Lock 5/16"
58	139006	8	• BOLT, Hex Head 3/8"-16 x 2" Gr. 8
59	117430	4	• BOLT, Hex Head 3/8"-16 x 1-1/4" Gr. 8
60	217909	8	• BOLT, Hex Head 3/8"-16 x 1-1/8" Gr. 8
61	235239	2	• BEARING, Maintenance free 1-3/8" - B
62	250485	2	• BEARING, 2" Spherical maintenance free

6.5 Second Boom Section

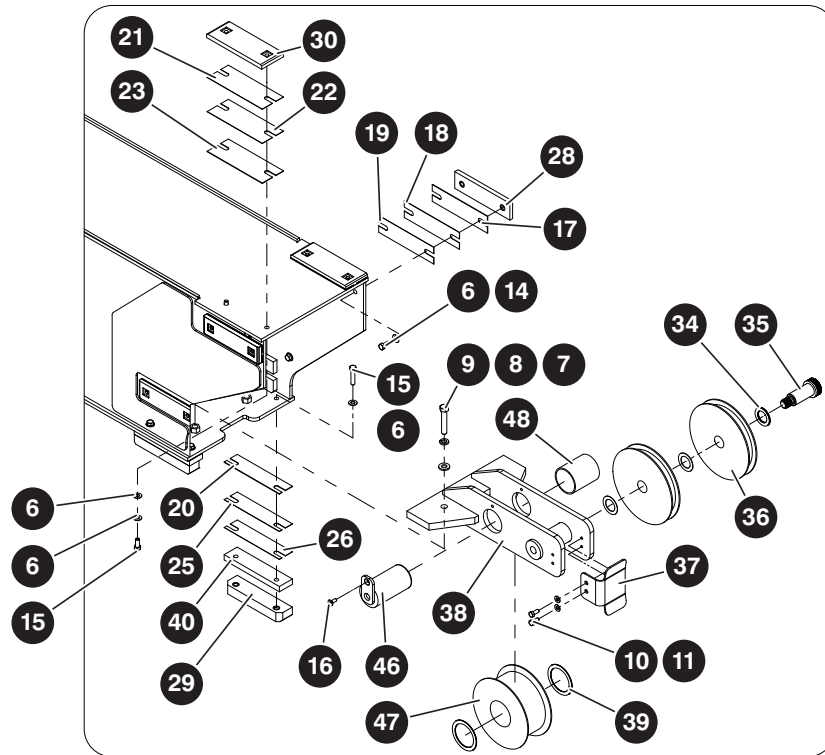
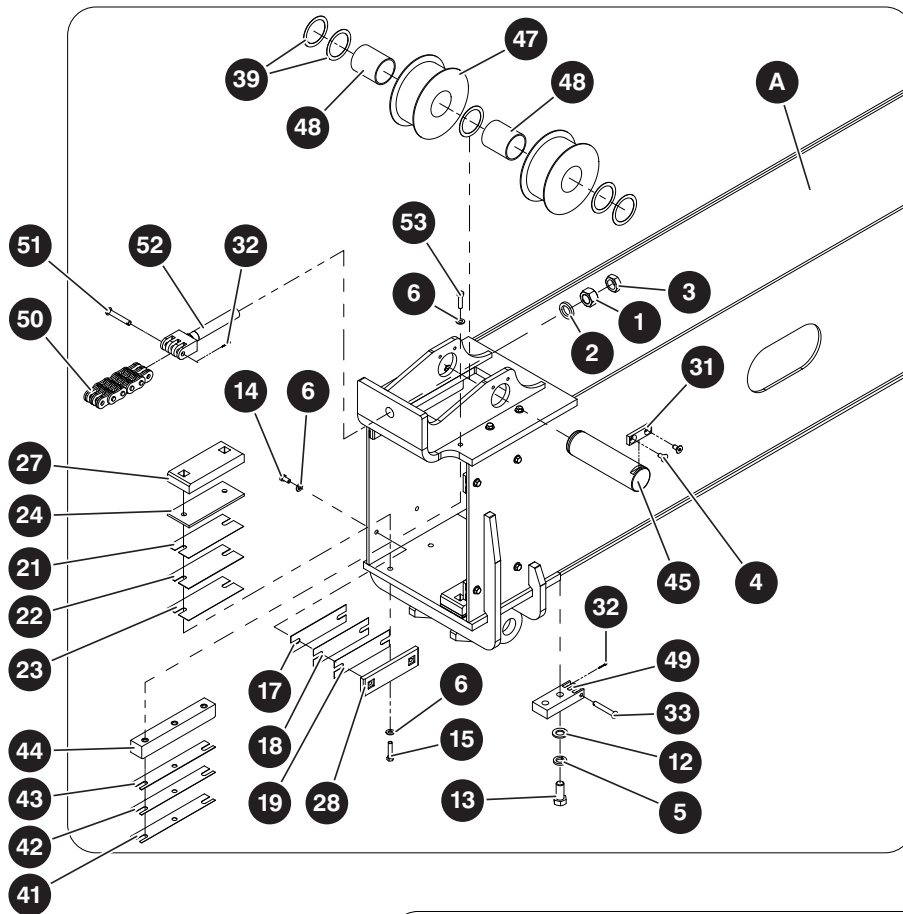


M204348AB

6.5 Second Boom Section

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

6.5 Second Boom Section

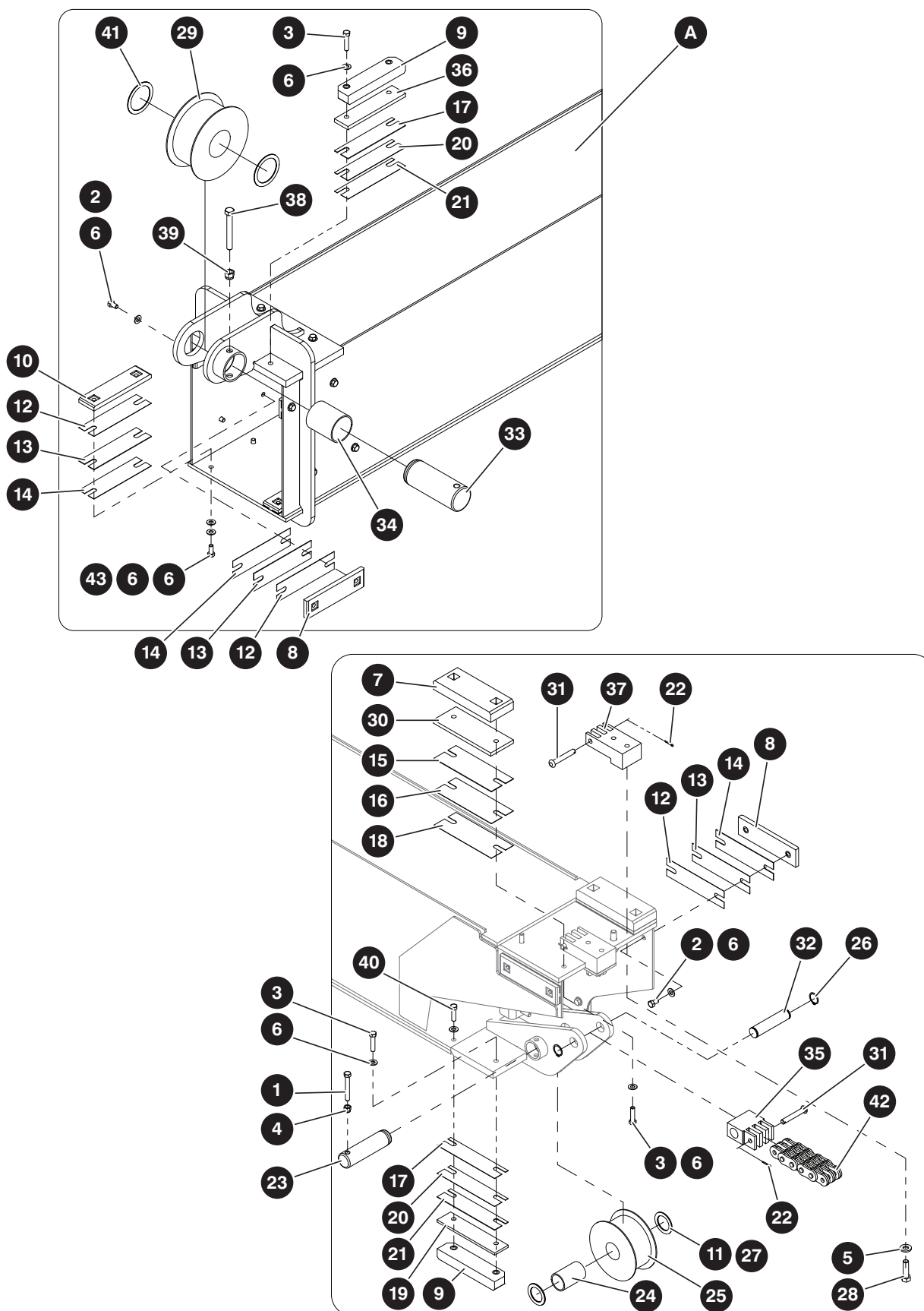


M204348AB

6.5 Second Boom Section

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

6.6 Third Boom Section

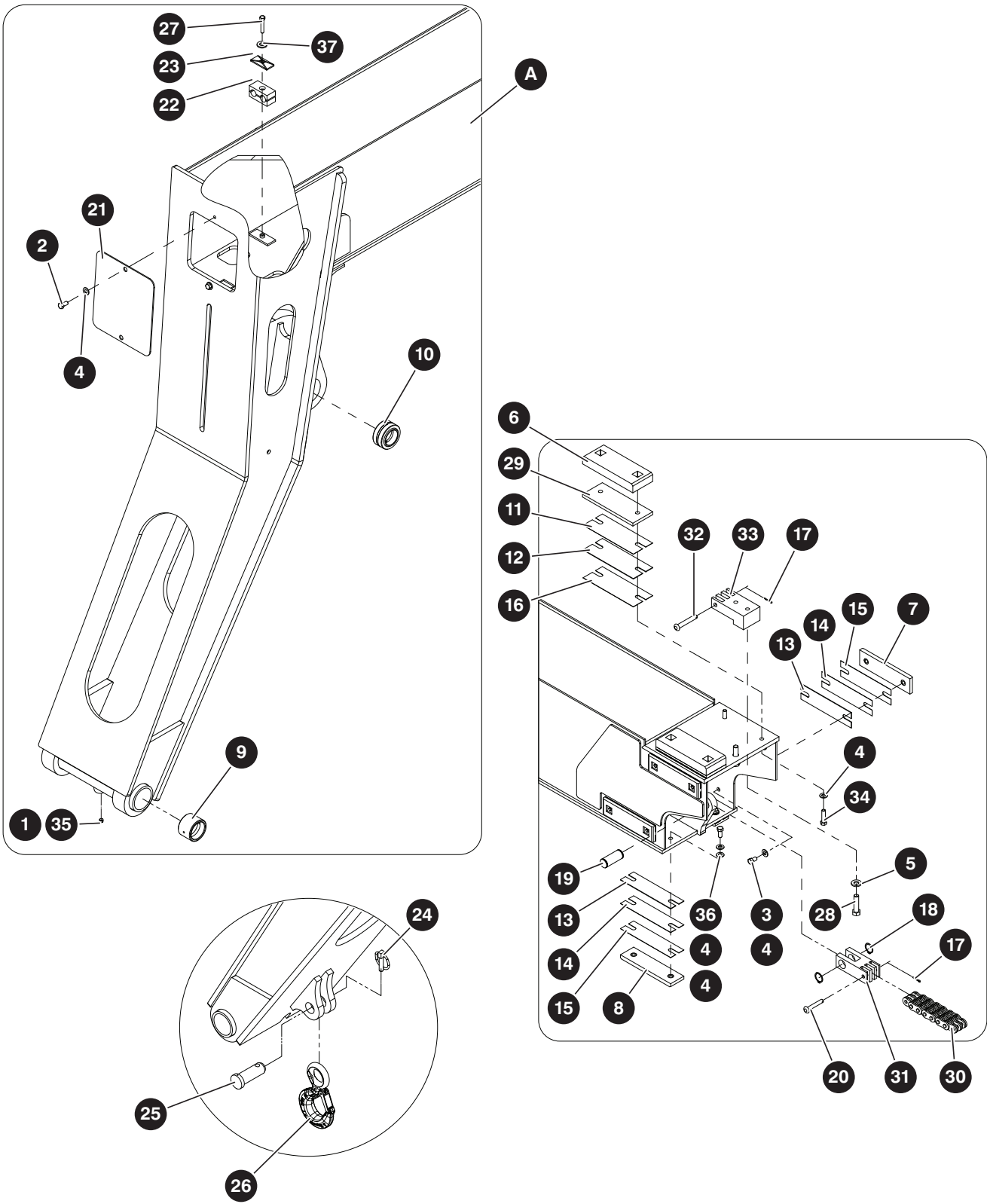


M204349AD

6.6 Third Boom Section

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

6.7 Fourth Boom Section

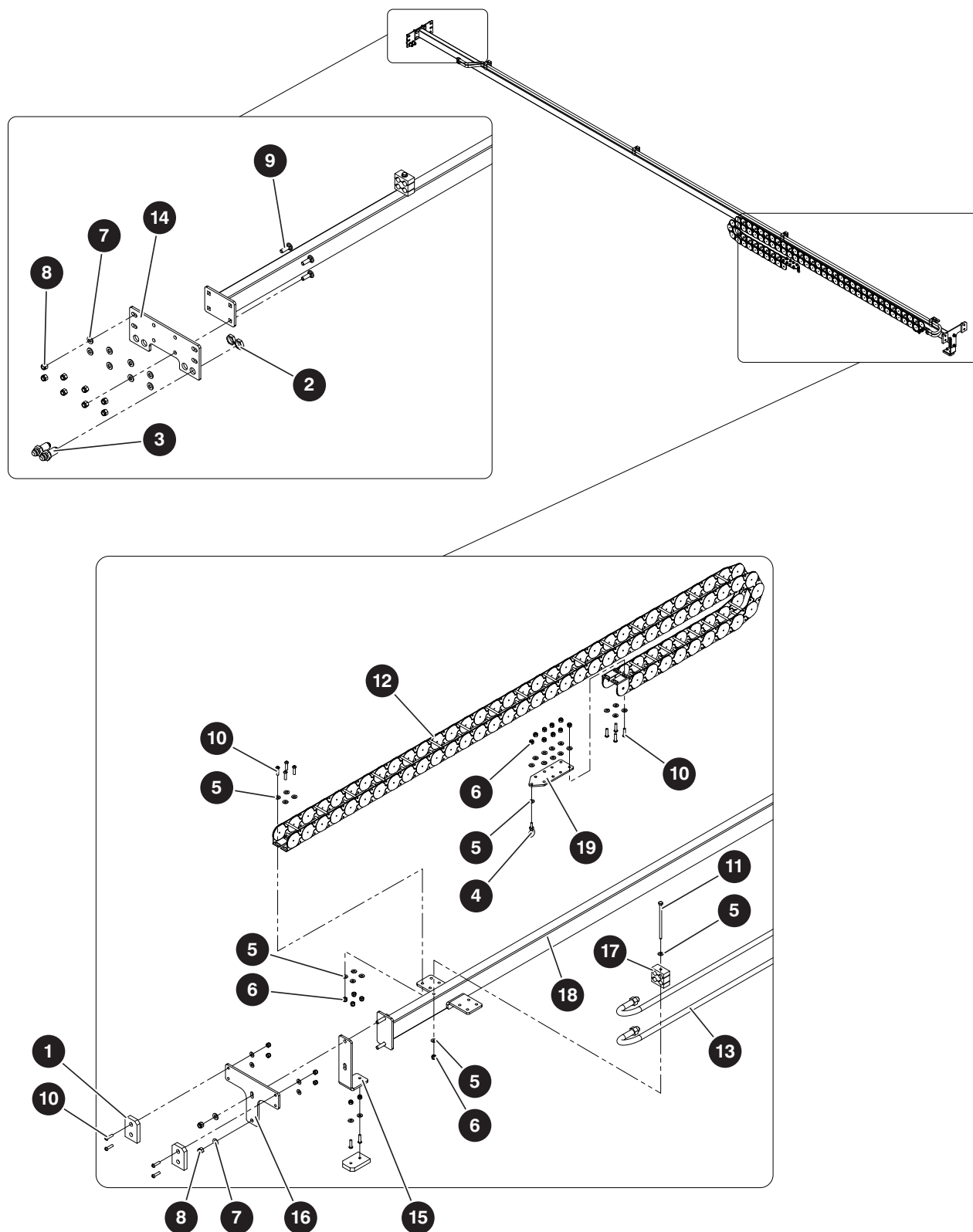


M204350AH

6.7 Fourth Boom Section

Index No.	Skyjack Part No.	Qty.	Description
A	205024	1	WELDMENT, 4th Boom section
-	204350	1	ASSEMBLY, 4th BOOM SECTION
1	102027	1	• FITTING, Grease 1/8" NPT straight
2	158488	2	• BOLT, Hex Head 3/8"-16 x 3/4" Gr. 8
3	217907	8	• BOLT, Hex Head 3/8"-16 x 5/8" Gr. 8
4	125959	22	• WASHER, Flat 3/8" hard
5	104379	2	• WASHER, Flat 1/2" Hard
6	191267	2	• WEAR PAD, Black 27 mm x 75 mm x 190 mm
7	191266	4	• WEAR PAD, 12 mm x 50 mm x 190 mm
8	191268	2	• WEAR PAD, Black 12 mm x 50 mm x 190 mm
9	931521	2	• BEARING, Inner
10	920767	1	• BEARING, Spherical
11	920273	2	• PLATE, Shim
12	920274	2	• PLATE, Shim
13	926177	6	• PLATE, Shim
14	926942	6	• PLATE, Shim
15	927040	6	• PLATE, Shim
16	930195	2	• PLATE, Shim
17	933615	2	• PIN, Cotter
18	404830	2	• RETAINING RING, 1" Shaft DIA
19	205046	1	• PIN, 1" DIA x 2-1/2" long
20	930127	1	• PIN, Anchor BL866
21	190206	1	• COVER, Fly boom
22	199762	2	• CLAMP, Twin #08
23	932673	2	• PLATE, Cover 3D
24	923135	1	• PIN, Lynch 7/16" DIA x 1-3/4" long
25	923134	1	• PIN, Quick attach
26	240849	1	• HOOK, Rigging WLL 7T
27	103865	2	• BOLT, Hex Head 5/16"-18 x 2" Gr. 5
28	139007	2	• BOLT, Hex Head 1/2"-13 x 2 Gr. 8
29	205027	2	• PLATE, Spacer 3/8"
30	205005	1	• CHAIN, Retract BL866
31	204684	1	• ANCHOR, Chain BL866
32	204647	1	• PIN, Anchor BL1066
33	205806	1	• ANCHOR, Chain stepped 1066
34	197754	4	• BOLT, Hex Head 3/8"-16 x 1-3/4" Gr. 8
35	132565	1	• CAP, Grease GC5
36	125741	4	• BOLT, Hex Head 3/8"-16 x 7/8" Gr. 8
37	103996	2	• WASHER, Flat 5/16"

6.8 Cable Carrier

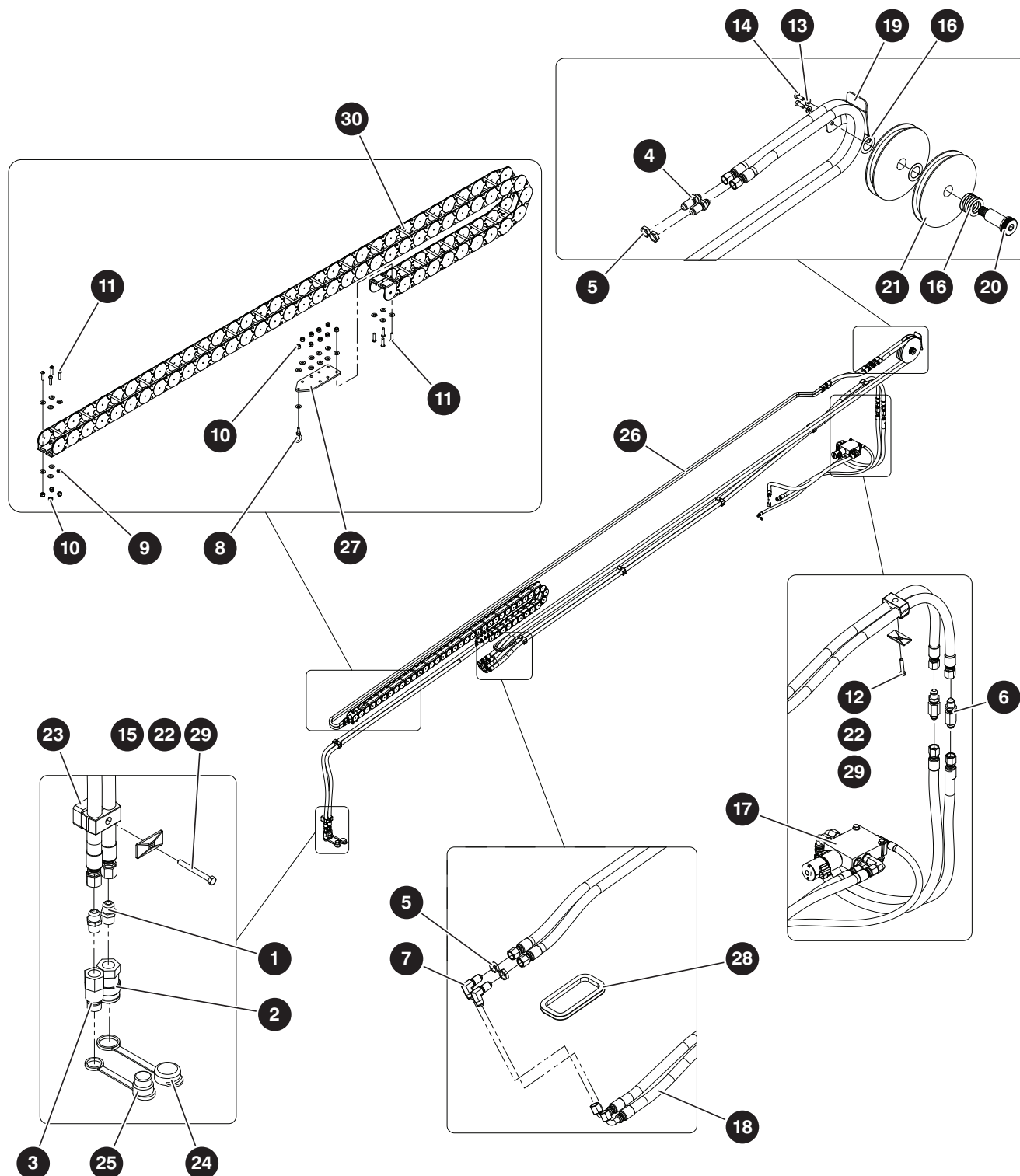


M205074AB

6.8 Cable Carrier

Index No.	Skyjack Part No.	Qty.	Description
-	205074	1	ASSEMBLY, CABLE CARRIER
1	190915	3	• WEAR PAD, 3" x 2" x 1/2"
2	154242	2	• NUT, Bulk Head (08 JIC)
3	190302	2	• FITTING, Bulkhead, straight (08 JICM - 08 JICM)
4	162168	1	• BOLT, Eye 1/4"-20 x 1" zinc plated
5	103995	36	• WASHER, Flat 1/4"
6	115649	23	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
7	125959	10	• WASHER, Flat 3/8" hard
8	104606	10	• NUT, Lock with nylon insert 3/8"-16 Gr. 5
9	127393	4	• BOLT, Carriage bolt 3/8"-16 x 1-1/4" Gr. 5
10	702911	14	• BOLT, Button head cap 1/4"-20 x 1"
11	198850	4	• BOLT, Hex Head 1/4"-20 X 5-1/4" Gr. 5
12	191271	1	• CABLE TRACK ASSEMBLY
13	190924	2	• TUBE, 5/8" OD x 0.095 wall
14	191364	1	• PLATE, Front
15	205078	1	• BRACKET, E-Chain guide
16	191336	1	• BRACKET, Top guide
17	190934	4	• CLAMP, Hose carrier
18	191363	1	• WELDMENT, Track
19	190585	1	• PLATE, E-Chain mount

6.9 Auxiliary Hydraulics



M205092AB

6.9 Auxiliary Hydraulics

Index No.	Skyjack Part No.	Qty.	Description
-	205092	1	ASSEMBLY, AUXILIARY HYDRAULICS
1	102659	2	• FITTING, Straight (08 JICM - 08 ORBM)
2	206134	1	• COUPLING, Quick disconnect - female 1/2"
3	206135	1	• COUPLING, Quick disconnect - male 1/2"
4	190302	2	• FITTING, Bulkhead straight (08 JICM - 08 JICM)
5	154242	4	• NUT, Bulkhead (08 JIC)
6	197686	2	• FITTING, Bulkhead straight (08 JIC - 08 JIC) Long
7	154241	2	• FITTING, 90° Bulkhead (08 JICM - 08 JICM)
8	162168	1	• BOLT, Eye 1/4"-20 x 1" zinc plated
9	103995	21	• WASHER, Flat 1/4"
10	115649	13	• NUT, Lock with nylon insert 1/4"-20 Gr. 5
11	702911	8	• BOLT, Button head cap 1/4"-20 x 1"
12	103885	6	• BOLT, Hex Head 5/16"-18 x 1-3/4" Gr. 5
13	103996	2	• WASHER, Flat 5/16"
14	103887	2	• BOLT, Hex Head 5/16"-18 x 3/4" Gr. 5
15	103868	1	• BOLT, Hex Head 5/16"-18 x 3-1/2" Gr. 5
16	412663	8	• WASHER, Thrust
17	205214	1	• AUXILLIARY MANIFOLD SUBGROUP (For components, refer to Section 8.19)
18	205109	1	• HOSE SUBGROUP, AUX HYDRAULICS 1256 (For components, refer to Section 8.17)
19	191127	1	• BRACKET, Sheave guard
20	191097	1	• BOLT, Shoulder 1-1/4" DIA x 2-1/2" long
21	191115	2	• SHEAVE, Hose
22	932673	7	• PLATE, Cover 3D
23	191605	1	• PLATE, Hose stand off
24	926079	1	• DUST CAP, Quick connect coupler
25	926080	1	• DUST CAP, Quick connect ni
26	190924	2	• TUBE, 5/8" OD x 0.095 wall A513 dom
27	190585	1	• PLATE, E-Chain mount
28	119922	1	• PROTECTIVE TRIM 1/4-1/2"
29	199762	7	• CLAMP, Twin #08
30	191271	1	• CABLE TRACK ASSEMBLY

 **Notes**

Section 7 – Cylinders

7.1 *Extend Cylinder Components*

7.2 *Lift Cylinder Components*

7.3 *Fork Tilt Cylinder Components*

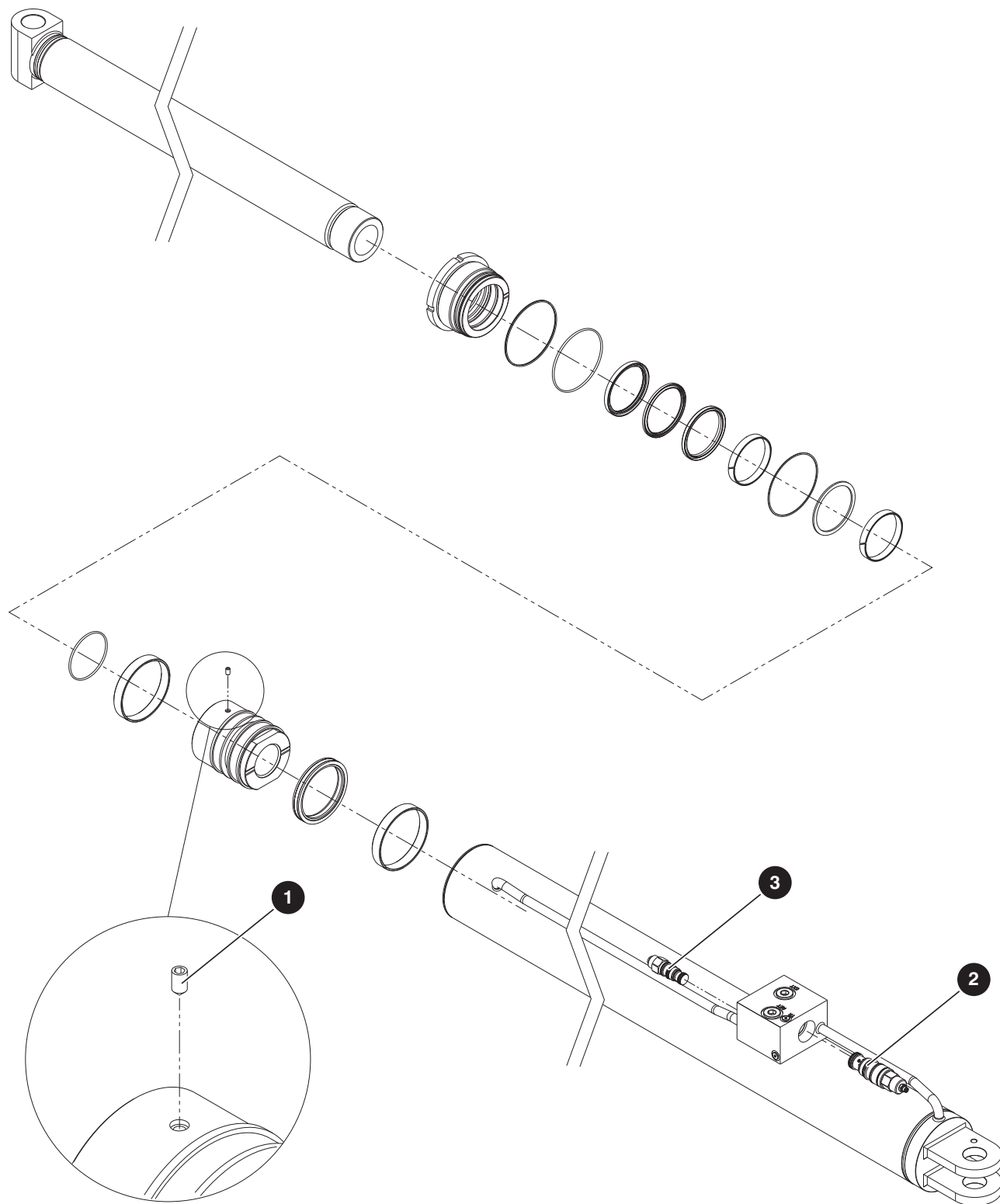
7.4 *Tilt Compensation Cylinder*

7.5 *Frame Level Cylinder
Components*

7.6 *Outriggers Cylinder Assembly*

7.7 *RAS Cylinder Components*

7.1 Extend Cylinder Components

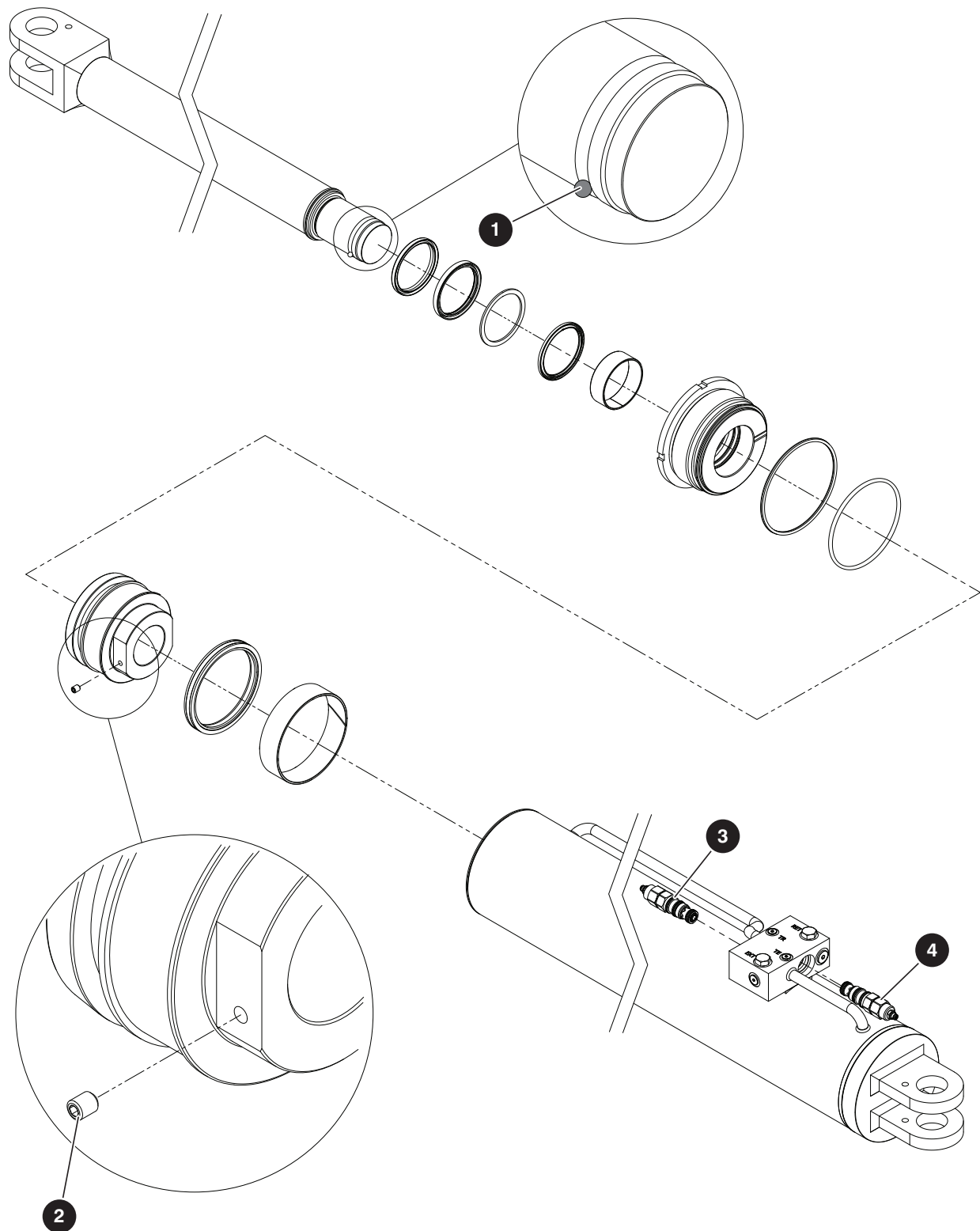


M205061AA

7.1 Extend Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	205061	1	EXTEND cylinder
1	213492	1	SET SCREW
2	206182	1	COUNTERBALANCE V/V
3	206233	1	COUNTERBALANCE V/V
K	213493		SEAL KIT, Extend cylinder 12k

7.2 Lift Cylinder Components



M205058AB

205154AH

212

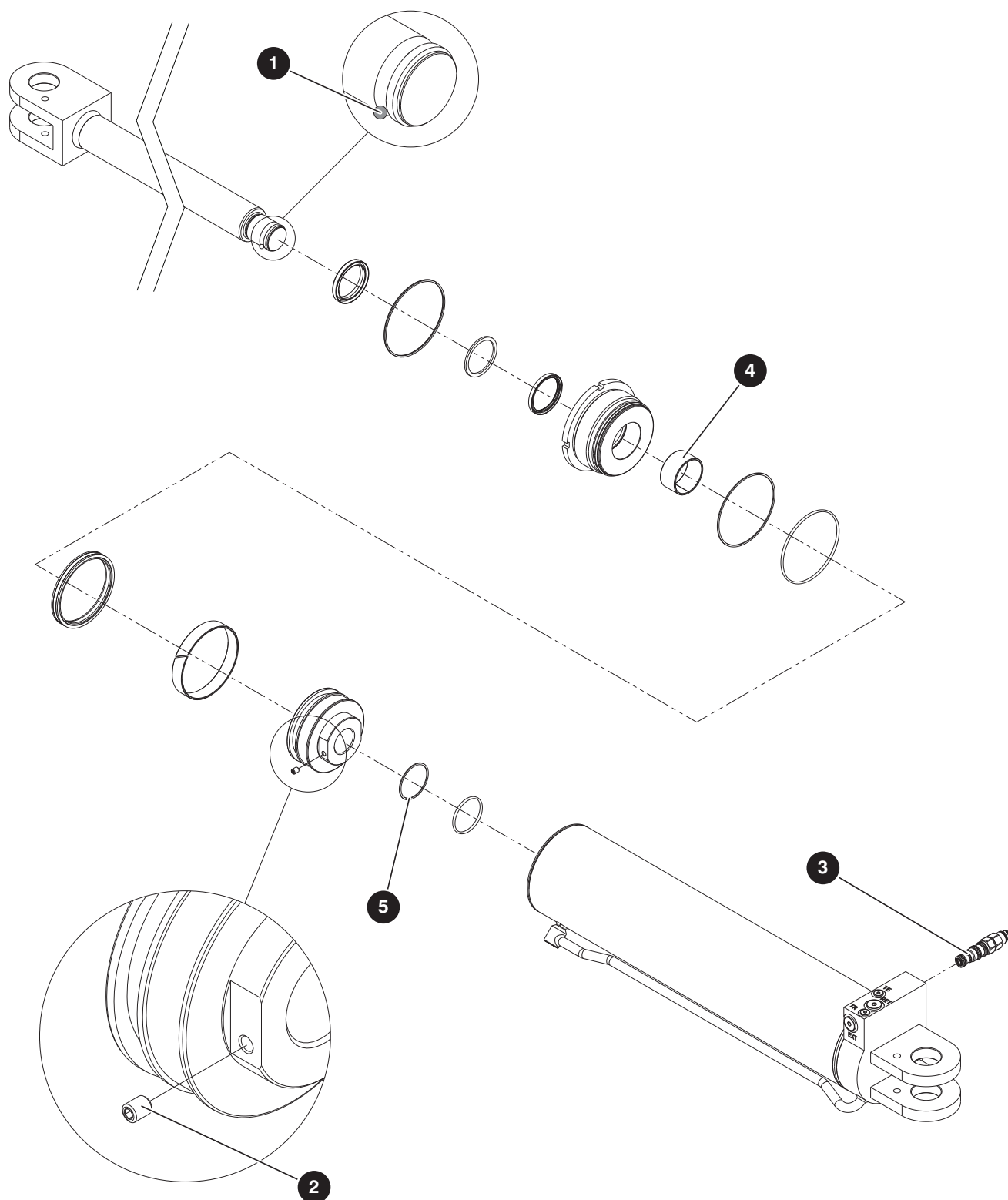
SJ1256 THS

SKYJACK

7.2 Lift Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	205058	1	lift cylinder
1	209121	1	STEEL BALL
2	209122	1	SET SCREW
3	206179	1	COUNTERBALANCE V/V
4	206180	1	COUNTERBALANCE V/V
K	213524		SEAL KIT, Lift Cylinder 12k

7.3 Fork Tilt Cylinder Components



M205788AA

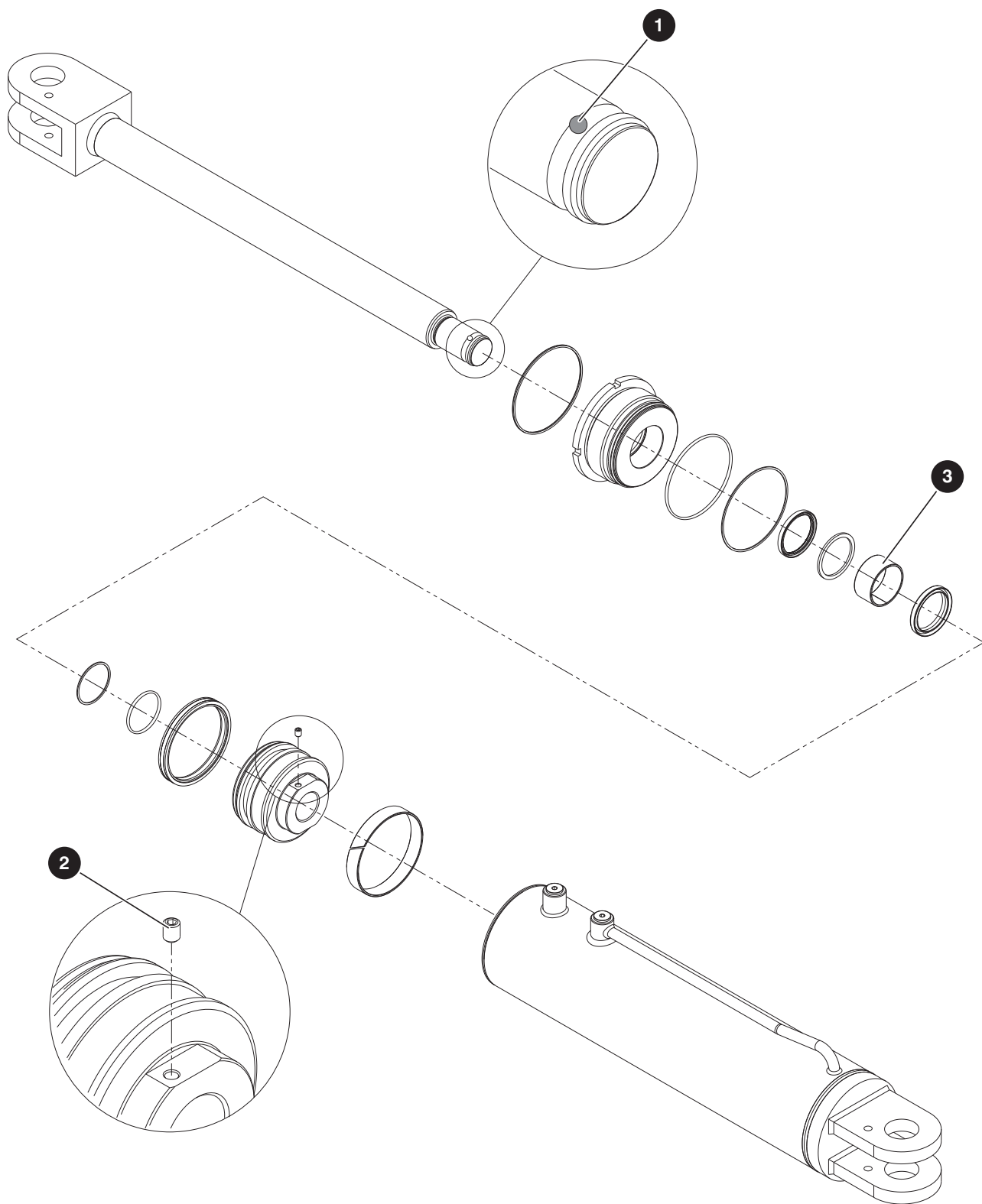
205154AH

SJ1256 THS

7.3 Fork Tilt Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
A	205788	1	Fork tilt - For serial number 87410637 and below
B	235270	1	Fork tilt - For serial number 87410638 and above
1	209121	1	STEEL BALL
2	213481	1	SET SCREW
3	191815	1	COUNTERBALANCE V/V
4	213482	1	DRY BEARING - A
-	235194	1	DRY BEARING - B
5	235195	1	RETAIN RING - B
K	213483		SEAL KIT, Fork tilt 12k - A
K	235199		SEAL KIT, Fork tilt 12k - B

7.4 Tilt Compensation Cylinder



M205789AA

205154AH

216

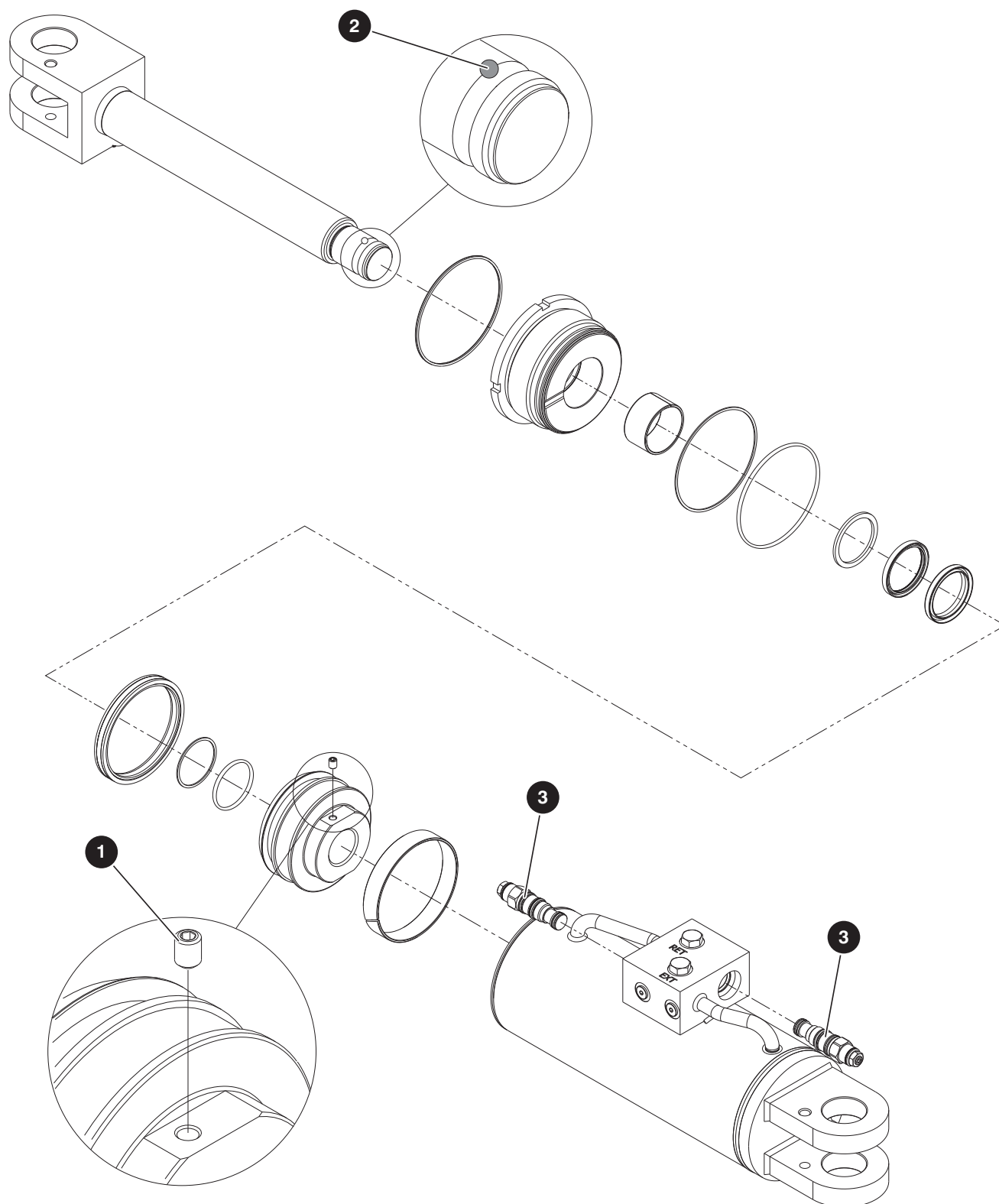
SJ1256 THS

SKYJACK

7.4 Tilt Compensation Cylinder

Index No.	Skyjack Part No.	Qty.	Description
A	205789	1	Tilt Compensation - For serial number 87410637 and below
B	235269	1	Tilt Compensation - For serial number 87410638 and above
1	209121	1	STEEL BALL
2	213481	1	SET SCREW
3	213482	1	DRY BEARING
K	213487		SEAL KIT, Tilt comp 12k - A
K	235192		SEAL KIT, Tilt comp 12k - B

7.5 Frame Level Cylinder Components



M205063AA

205154AH

218

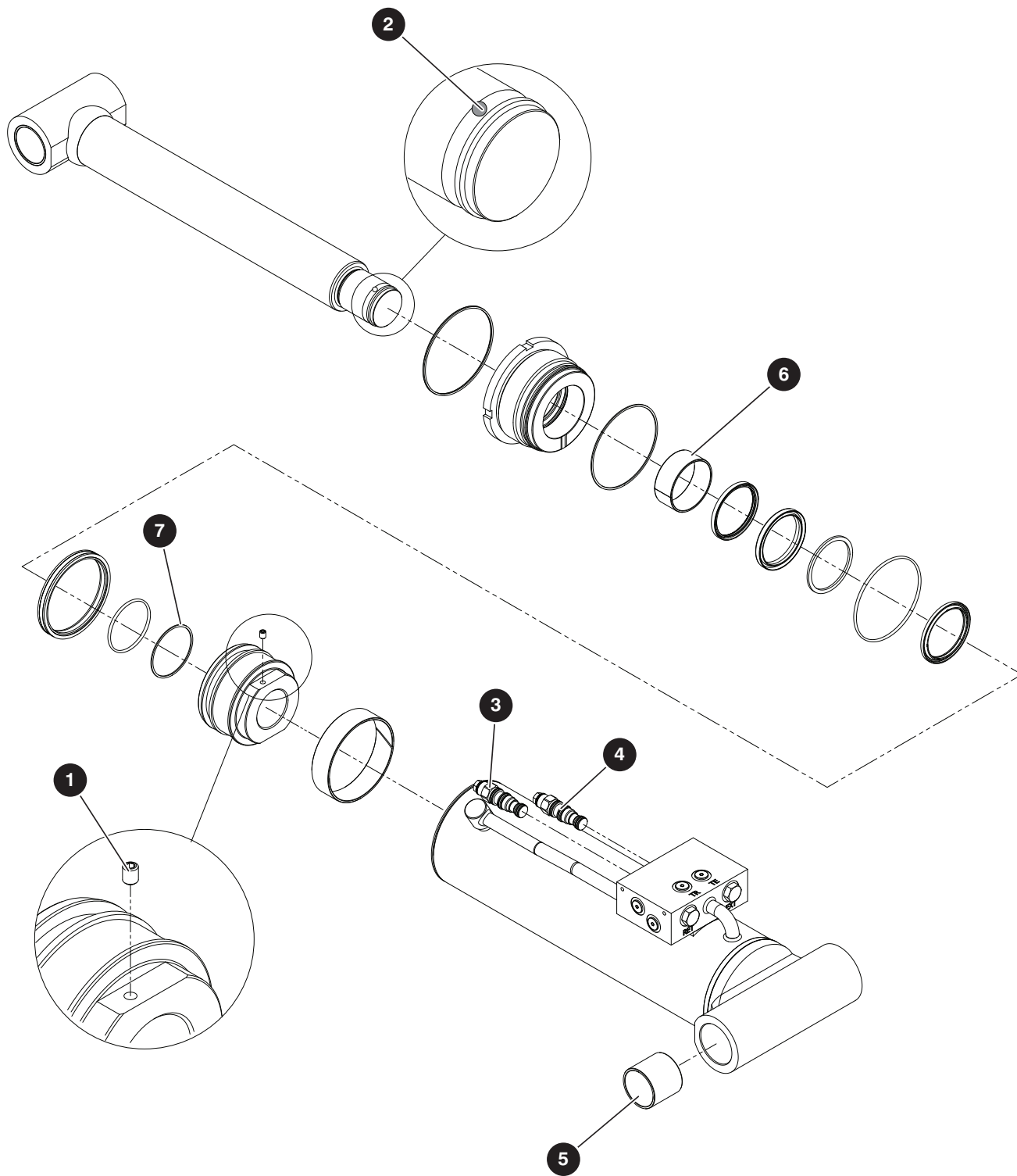
SJ1256 THS

SKYJACK

7.5 Frame Level Cylinder Components

Index No.	Skyjack Part No.	Qty.	Description
-	205063	1	Frame level
1	213481	1	SET SCREW
2	209121	1	STEEL BALL
3	206176	2	COUNTERBALANCE V/V
K	213498		SEAL KIT, Frame level 12k

7.6 Outriggers Cylinder Assembly

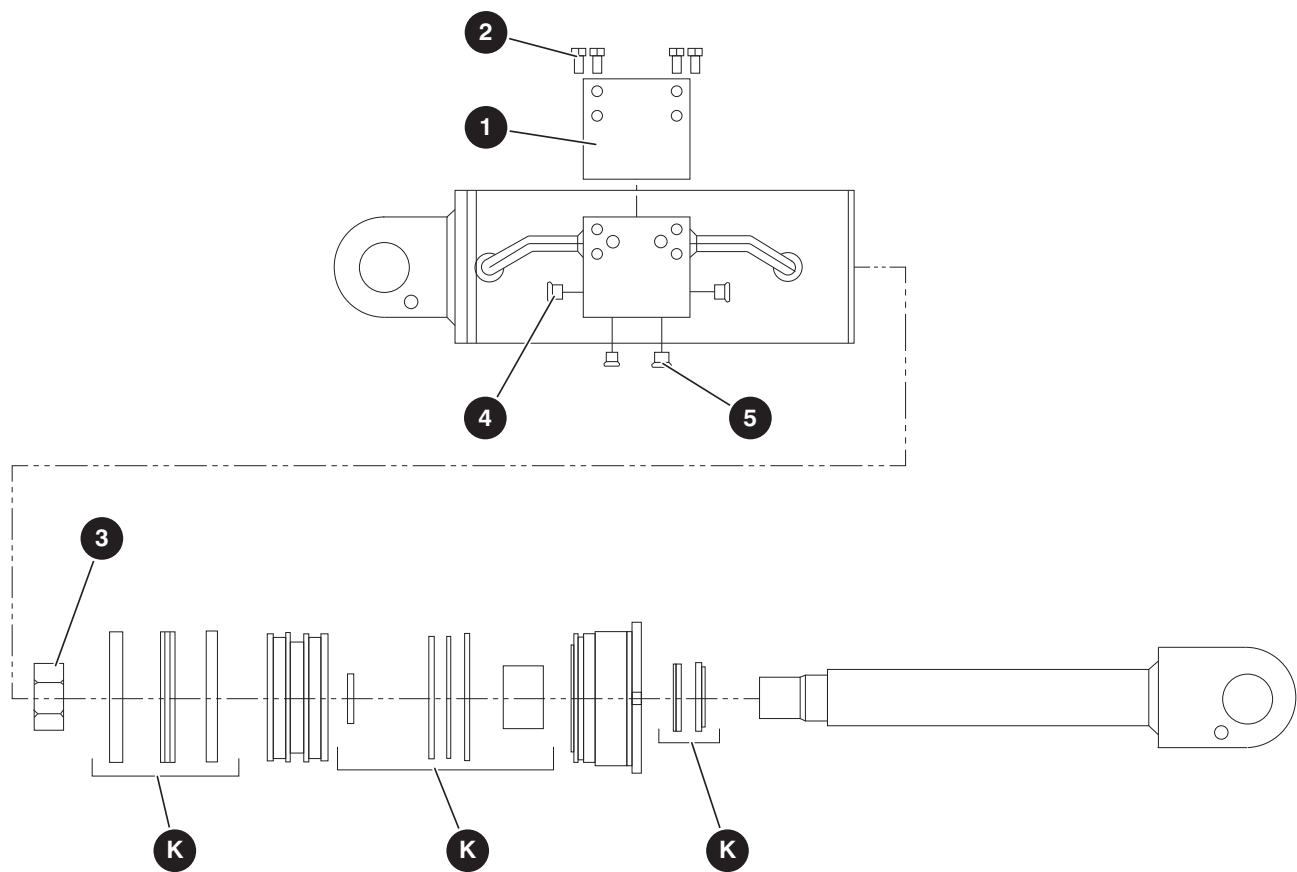


M205064AA

7.6 Outriggers Cylinder Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	205064	1	Outriggers
1	213481	1	SET SCREW
2	209121	1	STEEL BALL
3	206229	1	COUNTERBALANCE V/V
4	206181	1	COUNTERBALANCE V/V
5	213503	4	MRP BEARING
6	213504	1	DRY BEARING
7	213505	1	BACK UP RING - PTFE
K	213506		SEAL KIT, Outriggers

7.7 RAS Cylinder Components



M191832AB

Index No.	Skyjack Part No.	Qty.	Description
-	191832	1	ASSEMBLY, RAS Cylinder
1	197214	1	• DUST COVER
2	197215	4	• BOLT
3	197072	1	• NUT, Lock
4	197054	2	• PLUG
5	197035	2	• PLUG
K	197100	1	• SEAL KIT, RAS Cylinder

Section 8 – Hydraulics

8.2 *Main Manifold Installation*

8.3 *Main Manifold Assembly*

8.4 *Manifold Components*

8.5 *Hydraulic Return Filter*

8.6 *Pressure Filter*

8.7 *Outriggers Manifold*

8.8 *Boom & Telescopic Hydraulic Hoses*

8.9 *Carriage Hydraulic Hoses*

8.11 *Frame Level Hydraulic Hoses*

8.12 *Brakes & Steering Hydraulic Hoses*

8.13 *Hydraulic Pump Hoses*

8.15 *Cab Hydraulic Hoses*

8.16 *RAS Cylinder Hydraulic Hoses*

8.17 *Auxiliary Hydraulic Hoses*

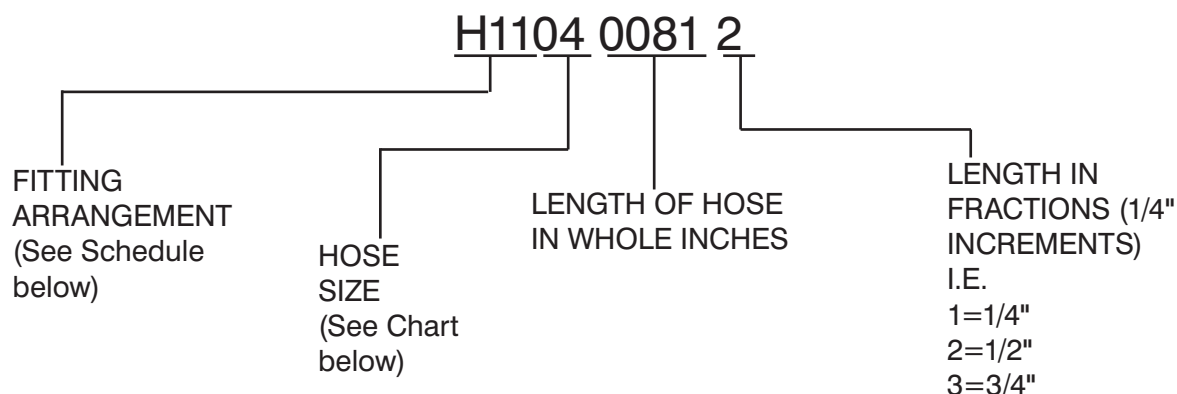
8.16 *RAS Cylinder Hydraulic Hoses*

8.17 *Auxiliary Hydraulic Hoses*

8.18 *Outriggers Hydraulic Hoses*

8.19 *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

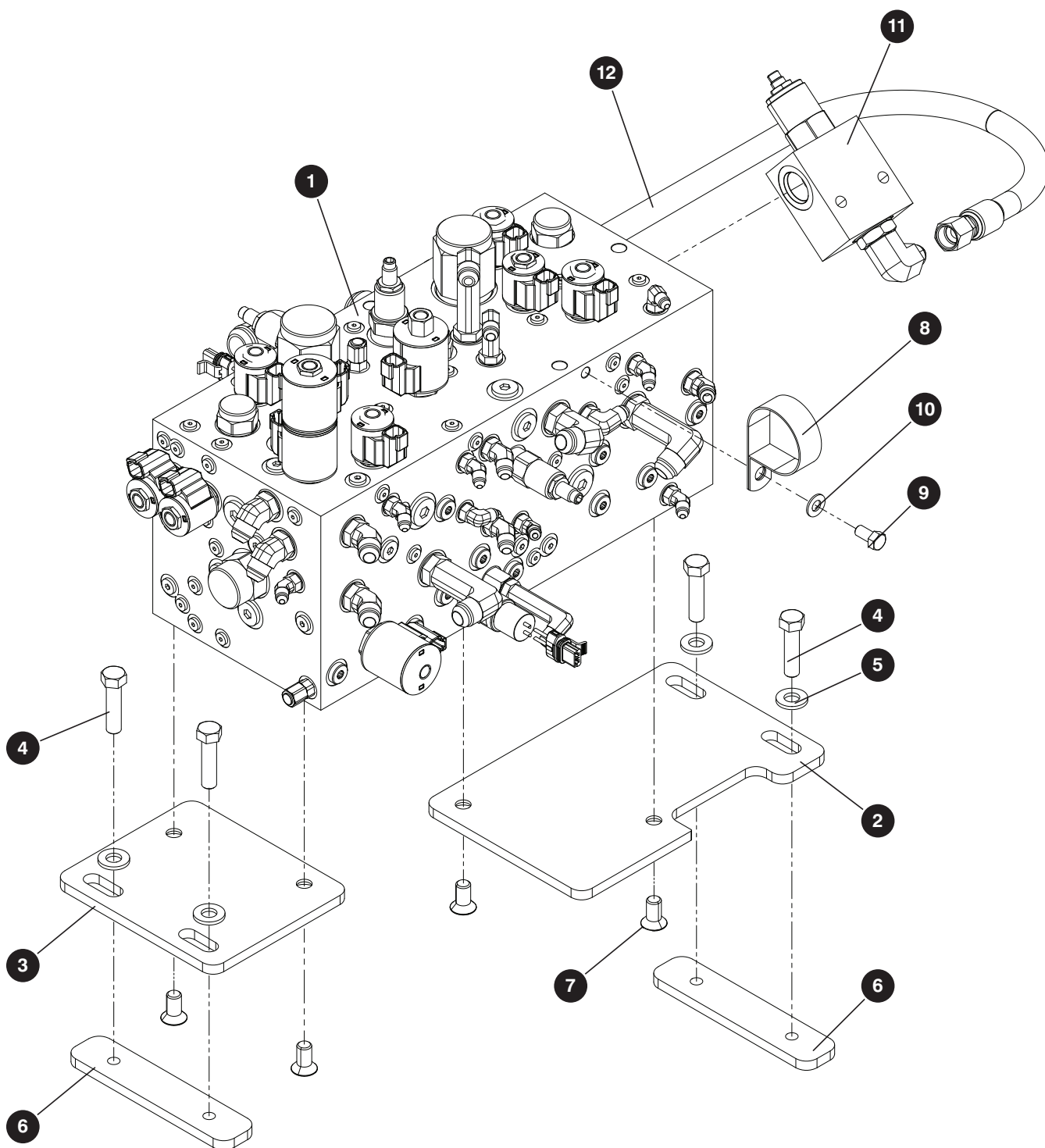
Hose ends and hose must be from same manufacturer per S.A.E. J1273 Nov. '91, Sections 3.10 and 4.2. Hose ends and hose must be of the same size i.e. #4 size fittings must be used with #4 size hose.

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 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

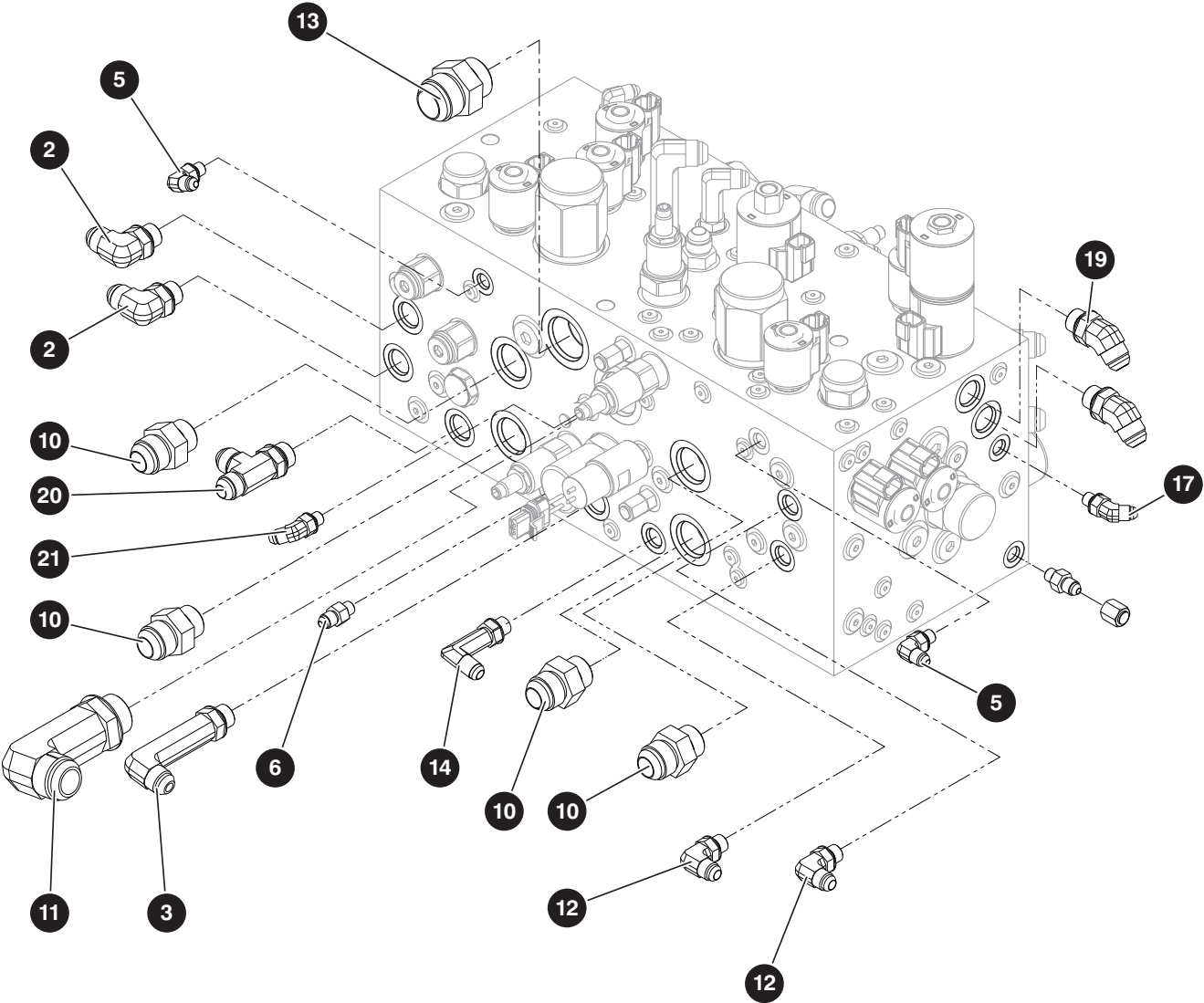


M205217AD

8.2 Main Manifold Installation

Index No.	Skyjack Part No.	Qty.	Description
-	205217	1	MANIFOLD, SUBGROUP 1256
1	205218	1	• ASSEMBLY, Manifold 1256 (For components, refer to Section 8.3)
2	191818	1	• PLATE, Manifold rear
3	191817	1	• PLATE, Manifold front
4	103904	4	• BOLT, Hex Head 1/2"-13 x 2" Gr. 5
5	104379	4	• WASHER, Flat 1/2" Hard
6	190692	2	• PLATE, Manifold clamp
7	190298	4	• SCREW, Flat head cap 1/2"-13 x 1"
8	143987	1	• CLAMP, Loop cushion #40
9	101632	1	• BOLT, Hex Head 3/8"-16 x 3/4" Gr. 5
10	103472	1	• WASHER, Flat 3/8"
11	206115	1	• VALVE, Relief with anti-cav 4300 PSI
12	H620800300	1	• HOSE, H62 (1/2"/100R16 x 30" long)

8.3 Main Manifold Assembly

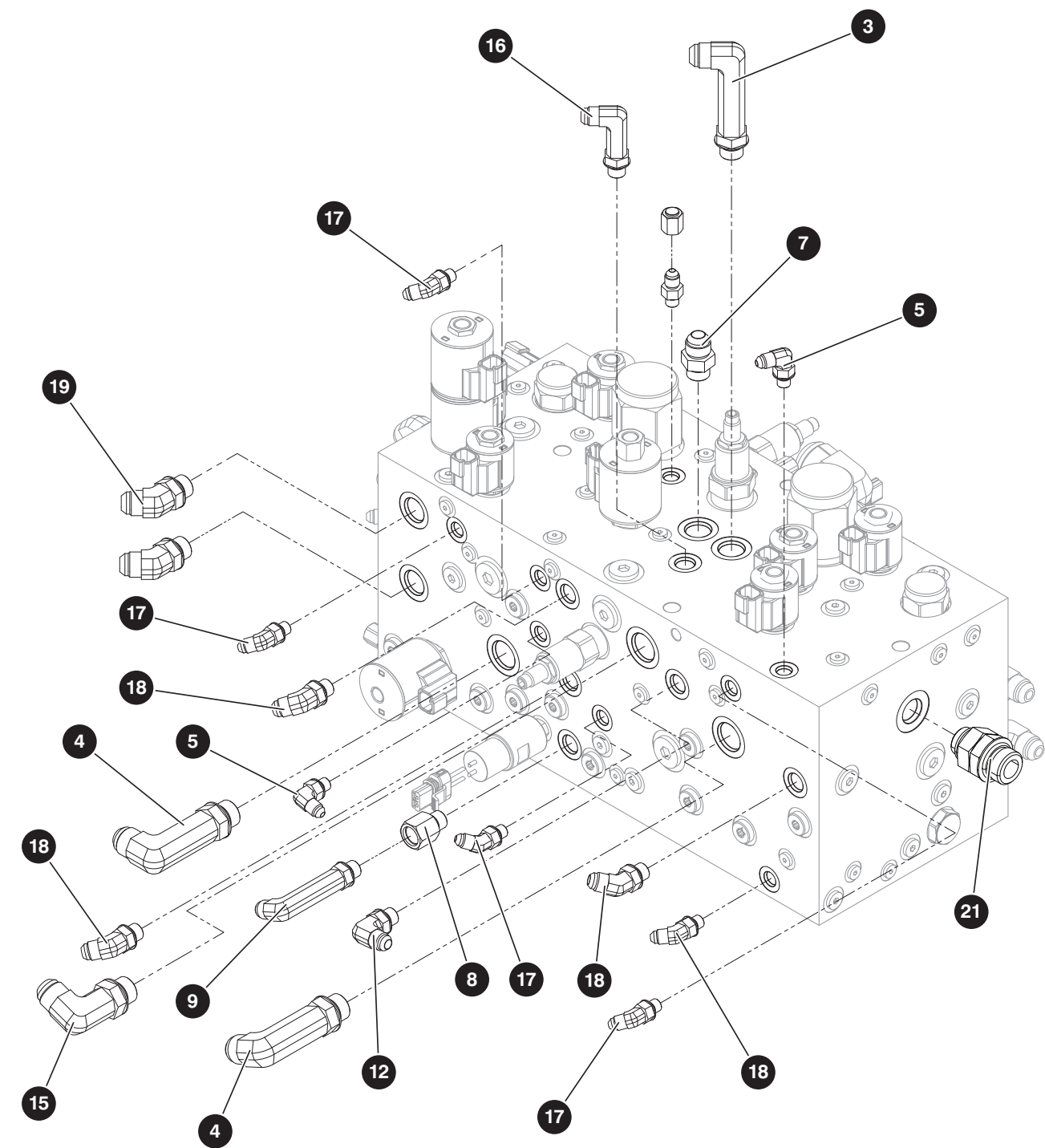


M205218AB-1

8.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	205218	1	MANIFOLD, ASSEMBLY 1256
1	205190	1	MANIFOLD, MAIN 1256 (For components, refer to Section 8.4)
2	114583	2	FITTING, 90° (08 JICM - 08 ORBM)
3	150943	2	FITTING, 90° LLL (08 JICM - 08 ORBM)
4	191857	2	FITTING, 90° LL (10 JICM - 10 ORBM)
5	125883	4	FITTING, 90° (04 JICM - 04 ORBM)
6	126128	1	FITTING, (04 SAE - 04 JIC)
7	102659	1	FITTING, Straight (08 JICM - 08 ORBM)
8	196193	1	FITTING, Straight (06 ORBM - 06 ORBF)
9	147536	1	FITTING, 90° LLL (06 JICM - 06 ORBM)
10	702118	4	FITTING, (12 ORBM - 12 JICM)
11	191599	1	FITTING, 90° LL (16 JICM - 16 ORBM)
12	114578	3	FITTING, 90° (06 JICM - 06 ORBM)
13	138667	1	FITTING, (16 ORBM - 16 JICM)
14	139104	1	FITTING, 90° long (06 JICM - 06 ORBM)
15	135091	1	FITTING, 90° long (10 JICM - 10 ORBM)
16	162071	1	FITTING, 90° (06 JICM - 06 ORBM) - XL
17	131716	6	FITTING, 45° (04 JICM - 04 ORBM)
18	114580	3	FITTING, 45° (06 JICM - 06 ORBM)
19	139739	4	FITTING, 45° (08 JICM - 08 ORBM)
20	110554	1	FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
21	206091		FITTING, Straight (12 ORBM - 10 ORBM)

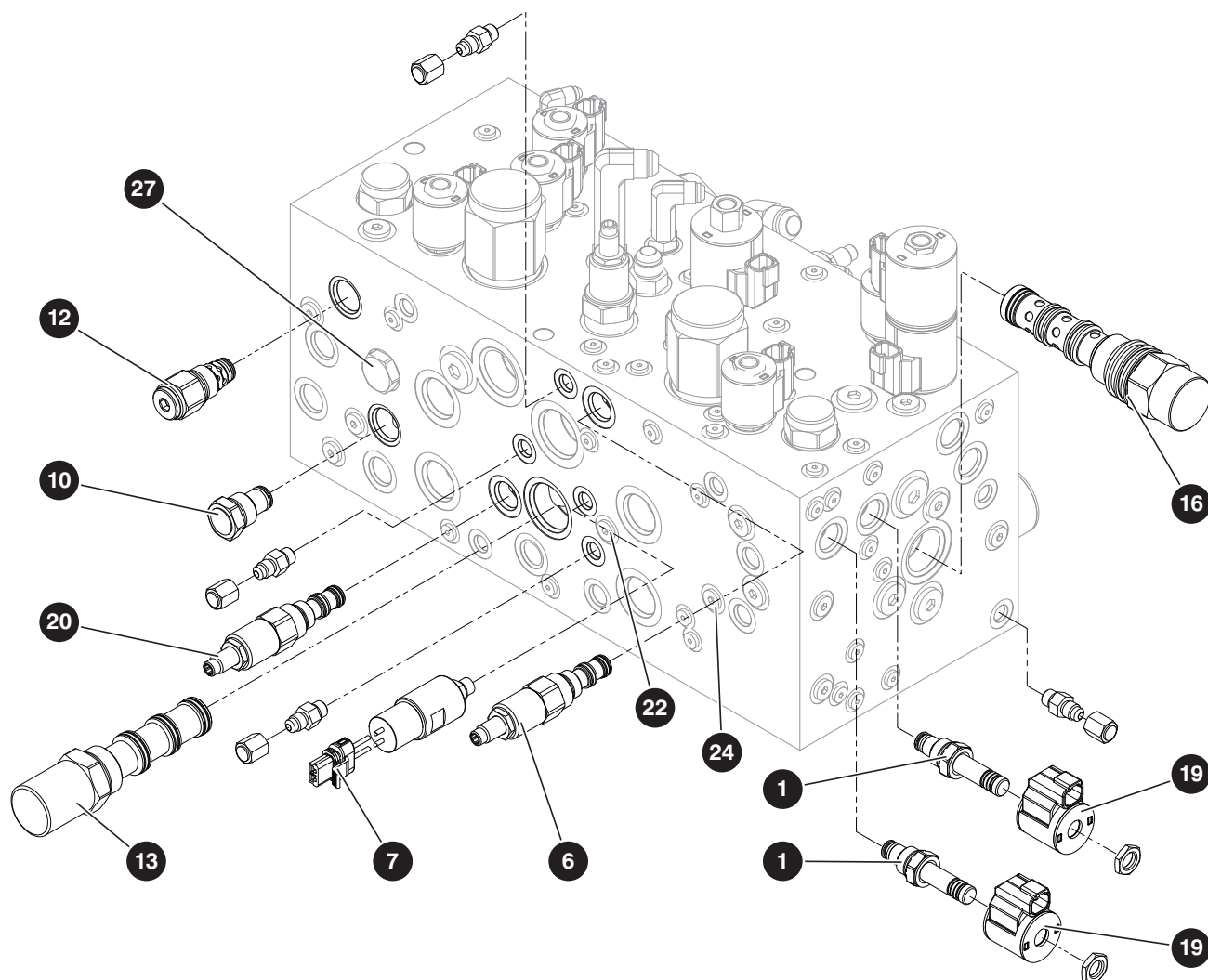
8.3 Main Manifold Assembly



8.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	205218	1	MANIFOLD, ASSEMBLY 1256
1	205190	1	MANIFOLD, MAIN 1256 (For components, refer to Section 8.4)
2	114583	2	FITTING, 90° (08 JICM - 08 ORBM)
3	150943	2	FITTING, 90° LLL (08 JICM - 08 ORBM)
4	191857	2	FITTING, 90° LL (10 JICM - 10 ORBM)
5	125883	4	FITTING, 90° (04 JICM - 04 ORBM)
6	126128	1	FITTING, (04 SAE - 04 JIC)
7	102659	1	FITTING, Straight (08 JICM - 08 ORBM)
8	196193	1	FITTING, Straight (06 ORBM - 06 ORBF)
9	147536	1	FITTING, 90° LLL (06 JICM - 06 ORBM)
10	702118	4	FITTING, (12 ORBM - 12 JICM)
11	191599	1	FITTING, 90° LL (16 JICM - 16 ORBM)
12	114578	3	FITTING, 90° (06 JICM - 06 ORBM)
13	138667	1	FITTING, (16 ORBM - 16 JICM)
14	139104	1	FITTING, 90° long (06 JICM - 06 ORBM)
15	135091	1	FITTING, 90° long (10 JICM - 10 ORBM)
16	162071	1	FITTING, 90° (06 JICM - 06 ORBM) - XL
17	131716	6	FITTING, 45° (04 JICM - 04 ORBM)
18	114580	3	FITTING, 45° (06 JICM - 06 ORBM)
19	139739	4	FITTING, 45° (08 JICM - 08 ORBM)
20	110554	1	FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
21	206091		FITTING, Straight (12 ORBM - 10 ORBM)

8.4 Manifold Components

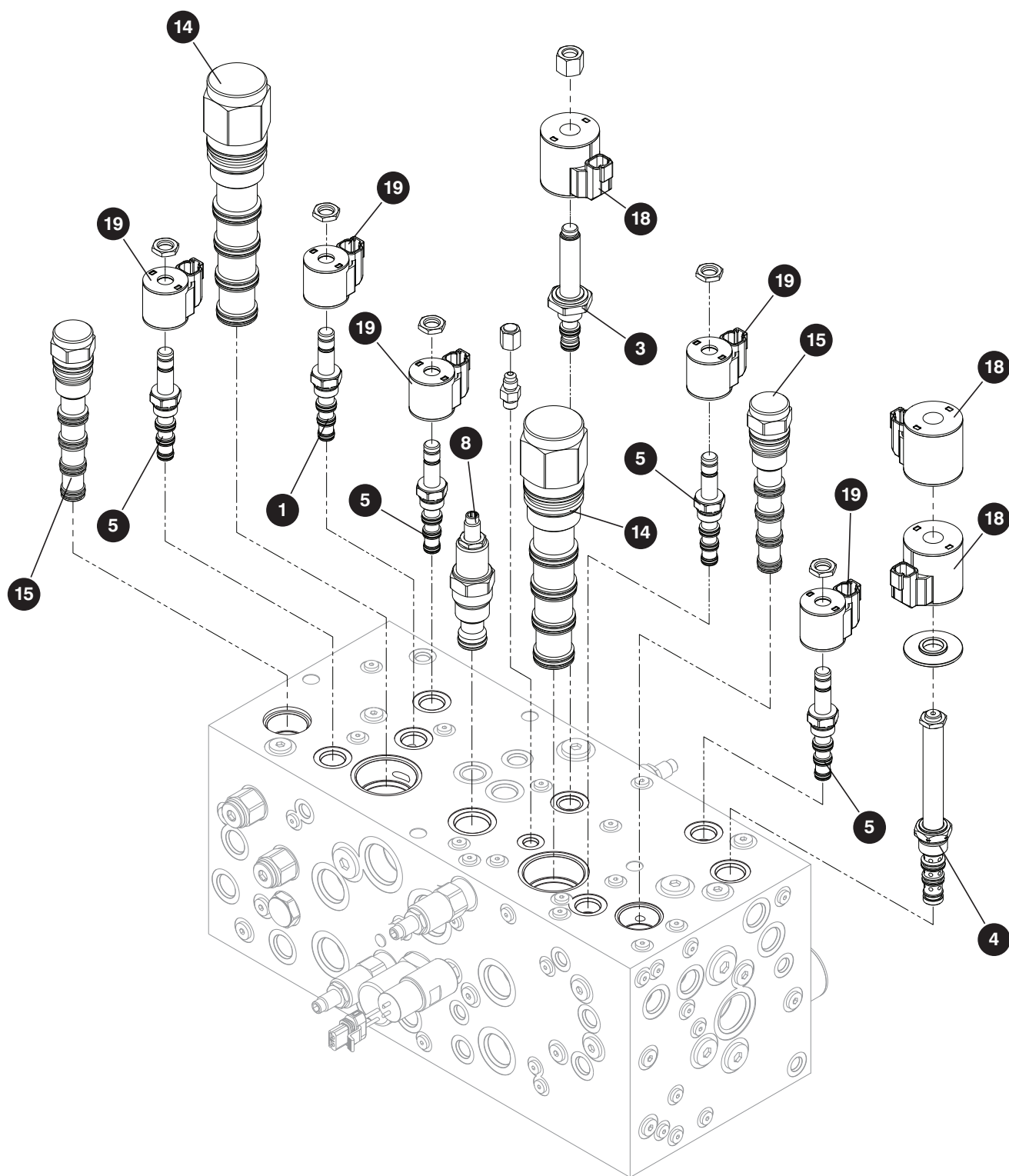


M205190AB - 1

8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	102626	3	VALVE, Solenoid Cartridge Spool
2	171412	12	VALVE, Check
3	171796	1	VALVE, Solenoid cartridge SV38-38
4	191795	1	VALVE, Solenoid 4w3p
5	191796	4	VALVE, Solenoid 4W2P
6	191798	1	VALVE, Pressure reducing/relieving
7	191800	1	SWITCH, Pressure 350psi
8	191802	1	VALVE, Relief
9	191810	1	SWITCH, Pressure 450 psi
10	206177	2	VALVE, Check
11	238579	1	VALVE, Relief
12	221887	1	VALVE, Relief anti-cavitation
13	206188	1	VALVE, Pressure compensator
14	206190	2	VALVE, Proportional-pilot operated
15	206191	2	VALVE, Proportional-pilot operated
16	206192	1	VALVE, Piloted 2-way spool
17	206194	1	VALVE, Solenoid cartridge, 2-way
18	168057	4	COIL, Solenoid - (12 VDC, size 10)
19	208882	7	COIL, Solenoid - (12 VDC, size 08)
20	220518	1	VALVE, Reduce/relief
21	191807	1	• PLUG, Orifice 0.019"
22	191808	1	• PLUG, Orifice 0.089"
23	206178	1	• PLUG, Orifice 0.045"
24	199033	1	• PLUG, Orifice 0.033"
25	191809	1	• PLUG, Orifice 0.063"
26	199032	1	• DISC, Orifice 0.052"
27	206092	1	PLUG, Cavity - CP2

8.4 Manifold Components

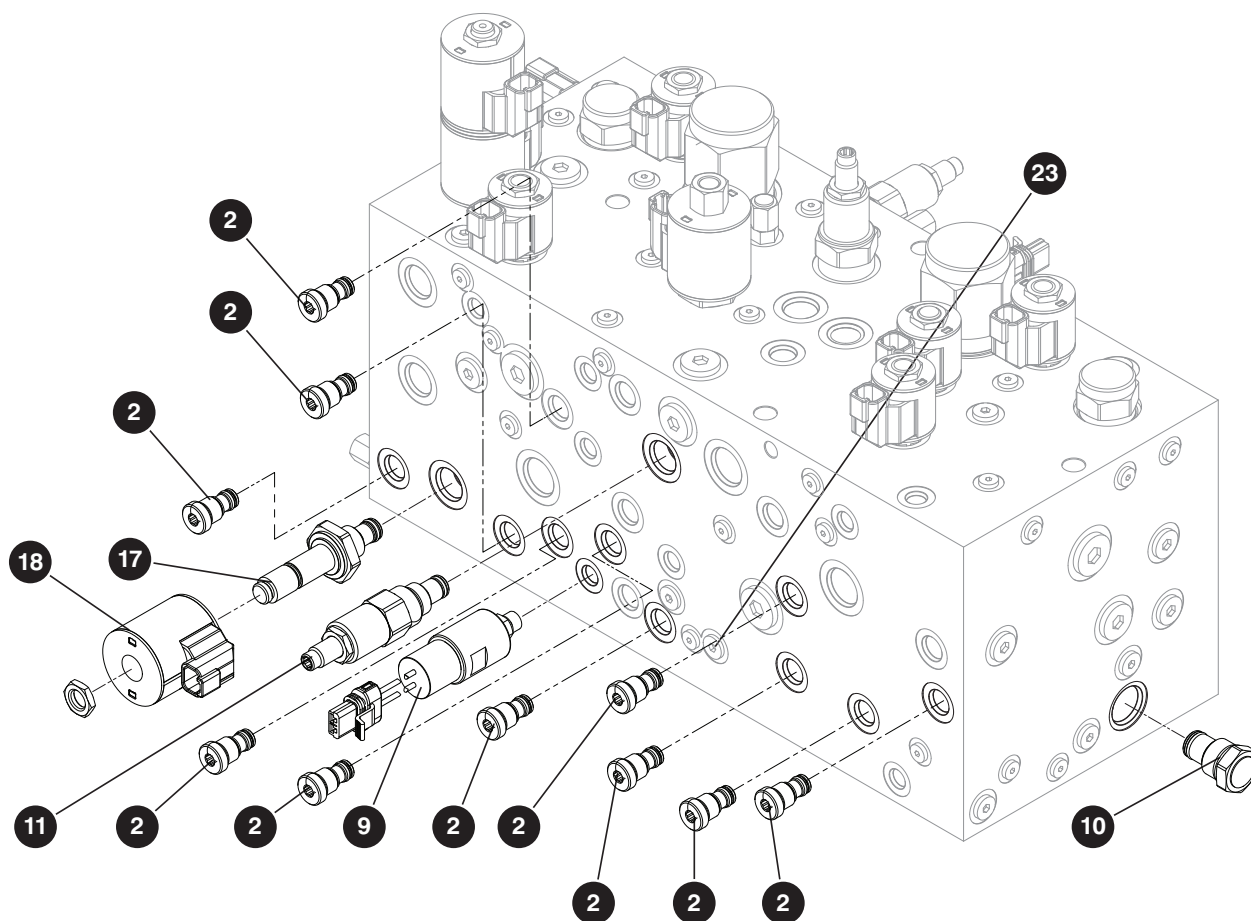


M205190AB - 2

8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	102626	3	VALVE, Solenoid Cartridge Spool
2	171412	12	VALVE, Check
3	171796	1	VALVE, Solenoid cartridge SV38-38
4	191795	1	VALVE, Solenoid 4w3p
5	191796	4	VALVE, Solenoid 4W2P
6	191798	1	VALVE, Pressure reducing/relieving
7	191800	1	SWITCH, Pressure 350psi
8	191802	1	VALVE, Relief
9	191810	1	SWITCH, Pressure 450 psi
10	206177	2	VALVE, Check
11	238579	1	VALVE, Relief
12	221887	1	VALVE, Relief anti-cavitation
13	206188	1	VALVE, Pressure compensator
14	206190	2	VALVE, Proportional-pilot operated
15	206191	2	VALVE, Proportional-pilot operated
16	206192	1	VALVE, Piloted 2-way spool
17	206194	1	VALVE, Solenoid cartridge, 2-way
18	168057	4	COIL, Solenoid - (12 VDC, size 10)
19	208882	7	COIL, Solenoid - (12 VDC, size 08)
20	220518	1	VALVE, Reduce/relieve
21	191807	1	• PLUG, Orifice 0.019"
22	191808	1	• PLUG, Orifice 0.089"
23	206178	1	• PLUG, Orifice 0.045"
24	199033	1	• PLUG, Orifice 0.033"
25	191809	1	• PLUG, Orifice 0.063"
26	199032	1	• DISC, Orifice 0.052"

8.4 Manifold Components

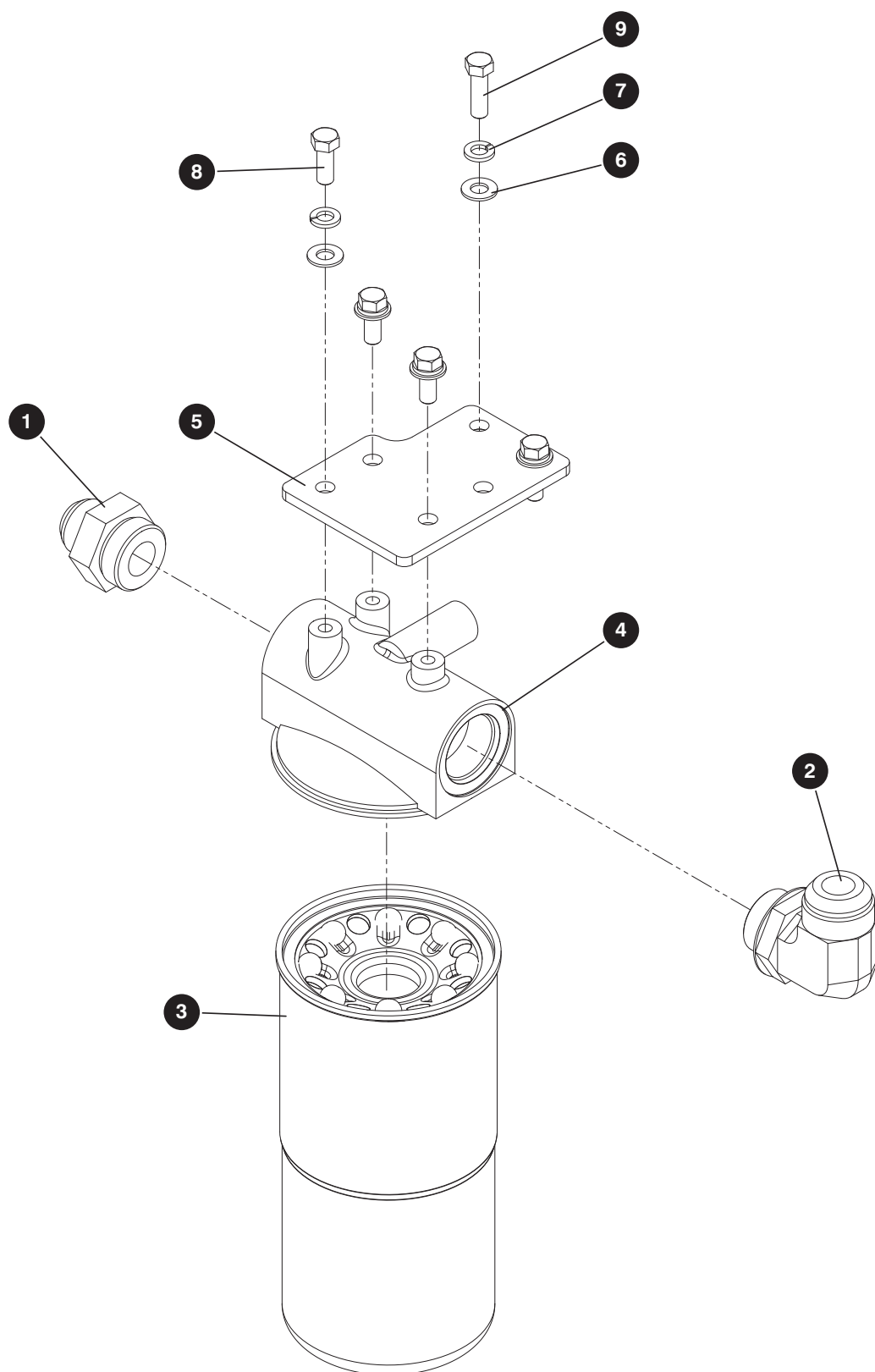


M205190AB - 3

8.4 Manifold Components

Index No.	Skyjack Part No.	Qty.	Description
1	102626	3	VALVE, Solenoid Cartridge Spool
2	171412	12	VALVE, Check
3	171796	1	VALVE, Solenoid cartridge SV38-38
4	191795	1	VALVE, Solenoid 4w3p
5	191796	4	VALVE, Solenoid 4W2P
6	191798	1	VALVE, Pressure reducing/relieving
7	191800	1	SWITCH, Pressure 350psi
8	191802	1	VALVE, Relief
9	191810	1	SWITCH, Pressure 450 psi
10	206177	2	VALVE, Check
11	238579	1	VALVE, Relief
12	221887	1	VALVE, Relief anti-cavitation
13	206188	1	VALVE, Pressure compensator
14	206190	2	VALVE, Proportional-pilot operated
15	206191	2	VALVE, Proportional-pilot operated
16	206192	1	VALVE, Piloted 2-way spool
17	206194	1	VALVE, Solenoid cartridge, 2-way
18	168057	4	COIL, Solenoid - (12 VDC, size 10)
19	208882	7	COIL, Solenoid - (12 VDC, size 08)
20	220518	1	VALVE, Reduce/relieve
21	191807	1	PLUG, Orifice 0.019"
22	191808	1	PLUG, Orifice 0.089"
23	206178	1	PLUG, Orifice 0.045"
24	199033	1	PLUG, Orifice 0.033"
25	191809	1	PLUG, Orifice 0.063"
26	199032	1	DISC, Orifice 0.052"

8.5 Hydraulic Return Filter

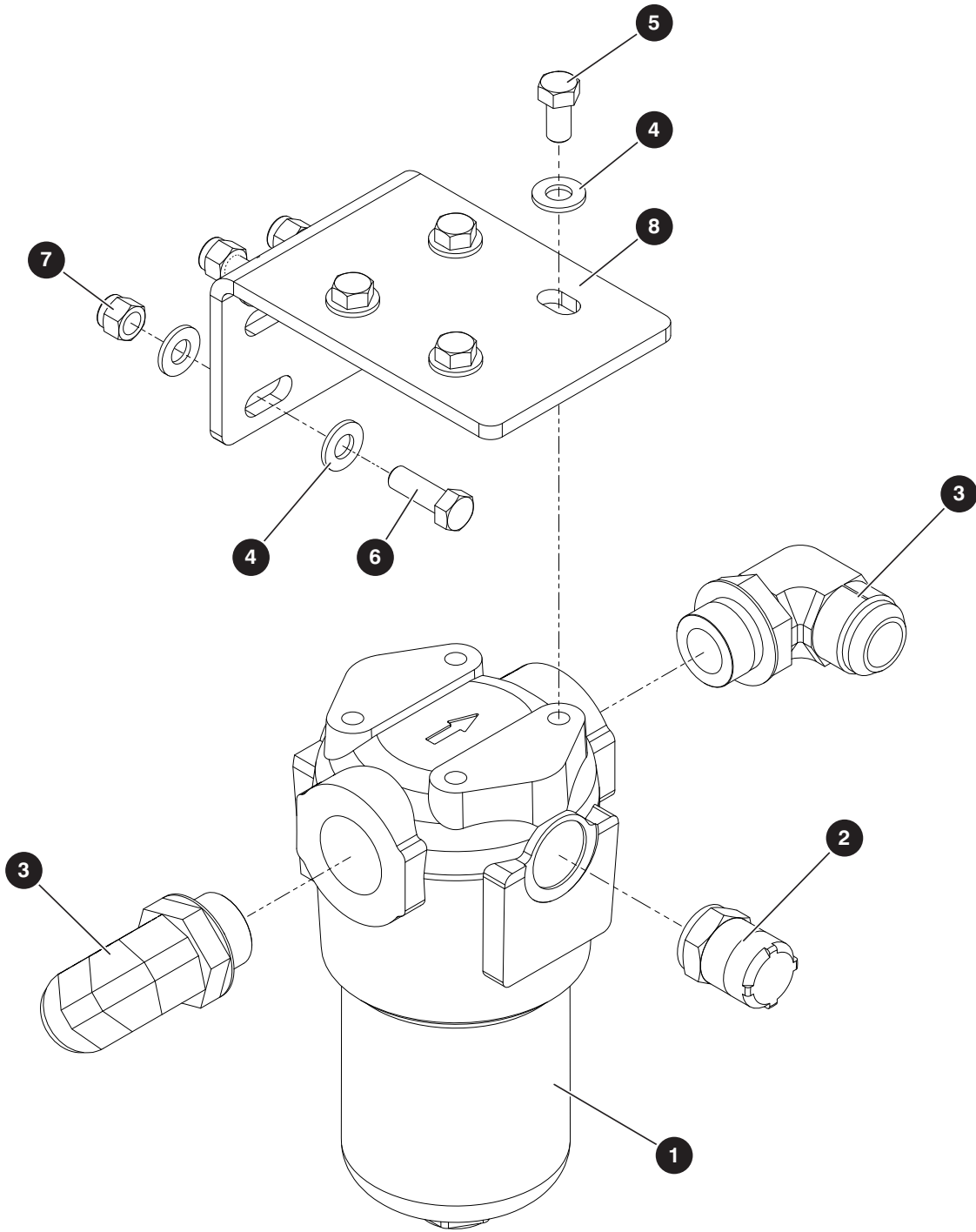


M191415AA

8.5 Hydraulic Return Filter

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

8.6 Pressure Filter

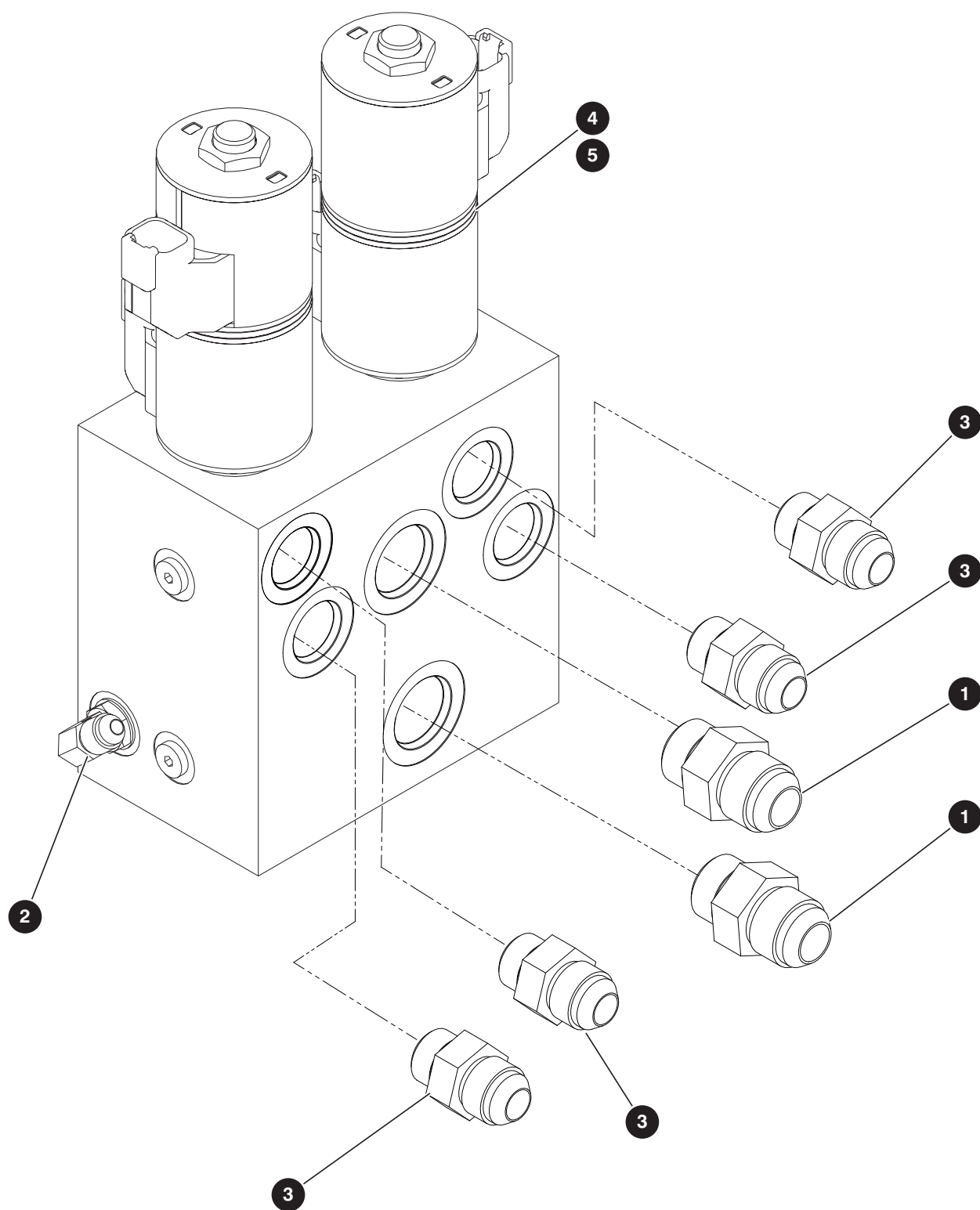


M233052AB

8.6 Pressure Filter

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	for Serial Number 87410643 and above
-	233052	1	PRESSURE FILTER
1	233048	1	• FILTER, 6000 PSI 10 MICRON
-	248141	1	• • ELEMENT, Replacement filter (not shown)
-	248638	1	• • SEAL KIT (not shown)
2	233050	1	• INDICATOR, 50 PSI
3	206141	2	• FTG, 90 DEG (16JICM-20ORBM)
4	125959	10	• WASHER FLAT 0.375 HARD
5	158488	4	• BOLT, HXHD 0.375-16 X 0.750 GR8
6	217909	3	• BOLT, HXHD 0.375-16 X 1.125 GR8
7	104606	3	• NUT, LOCK 0.375-16 GR5 - NYL
8	233038	1	• BRACKET, FILTER MOUNT

8.7 Outriggers Manifold

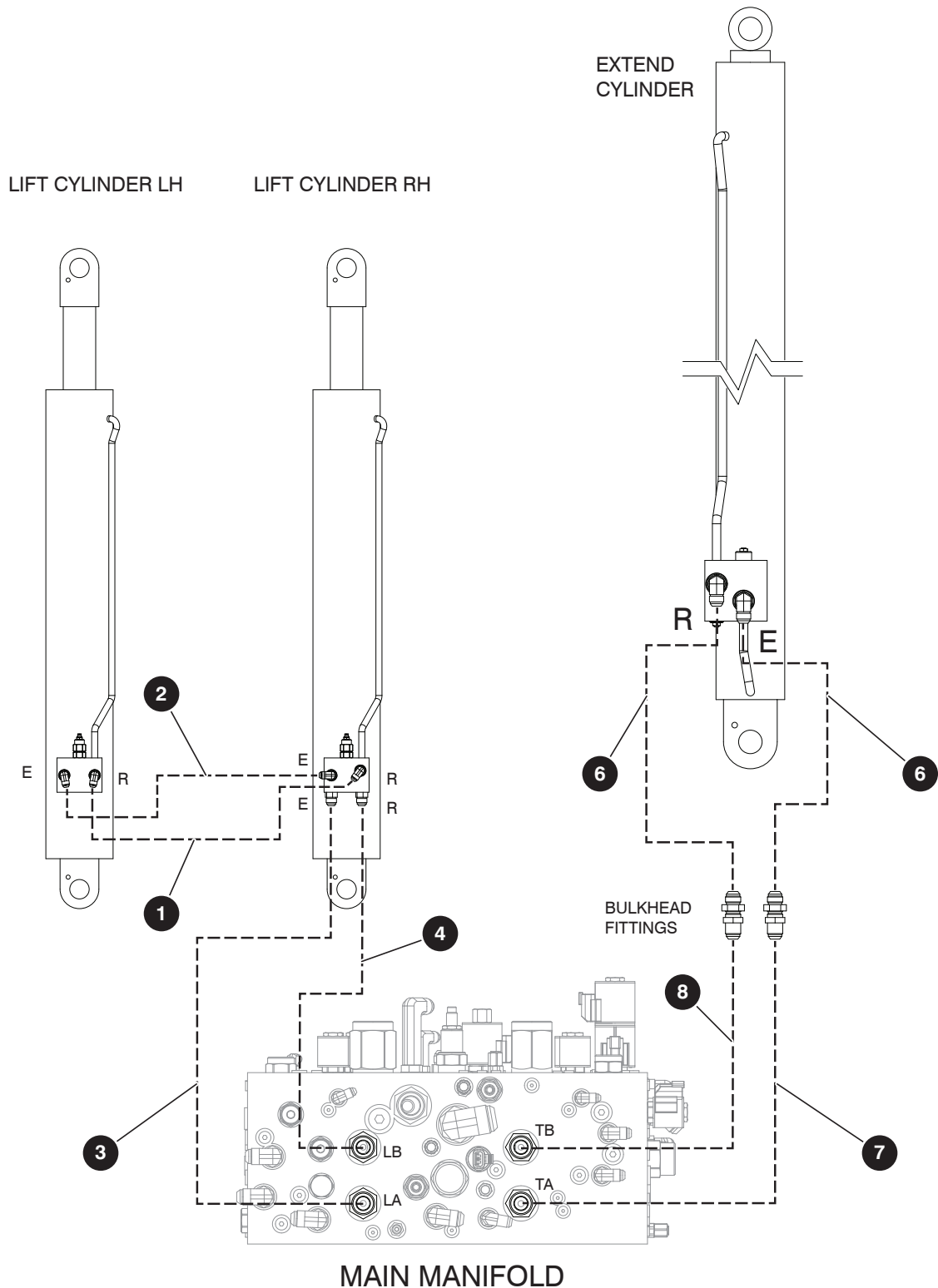


M205191AB-1

8.7 Outriggers Manifold

Index No.	Skyjack Part No.	Qty.	Description
-	205191	-	ASSEMBLY, OUTRIGGER MANIFOLD
1	137630	2	• FITTING, (10 ORBM - 10 JICM)
2	125883	1	• FITTING, 90° (04 JICM - 04 ORBM)
3	102659	4	• FITTING, Straight (08 JICM - 08 ORBM)
4	205813	2	• VALVE
5	159822	4	• COIL

8.8 Boom & Telescopic Hydraulic Hoses

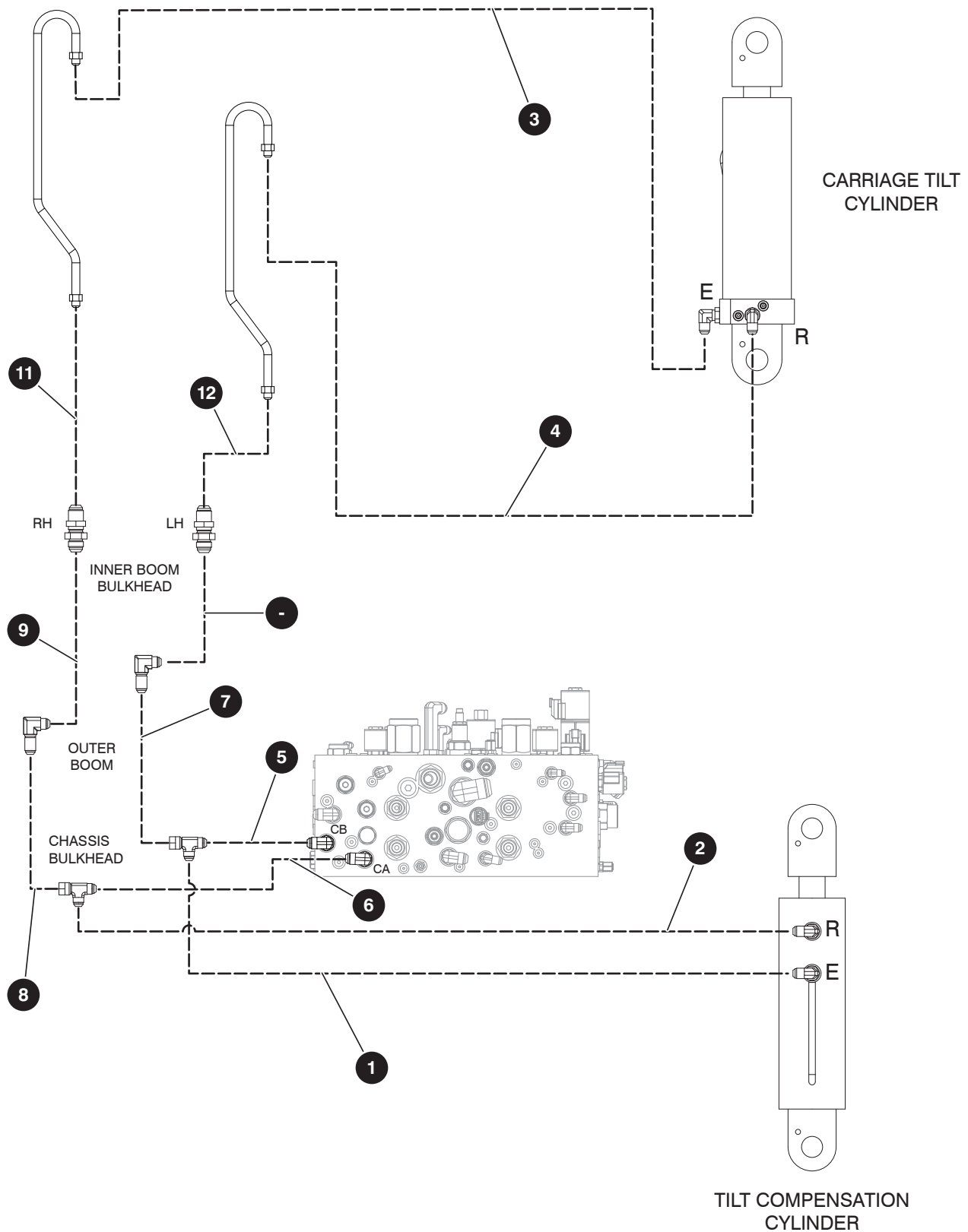


M205222AB-M205223AB

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



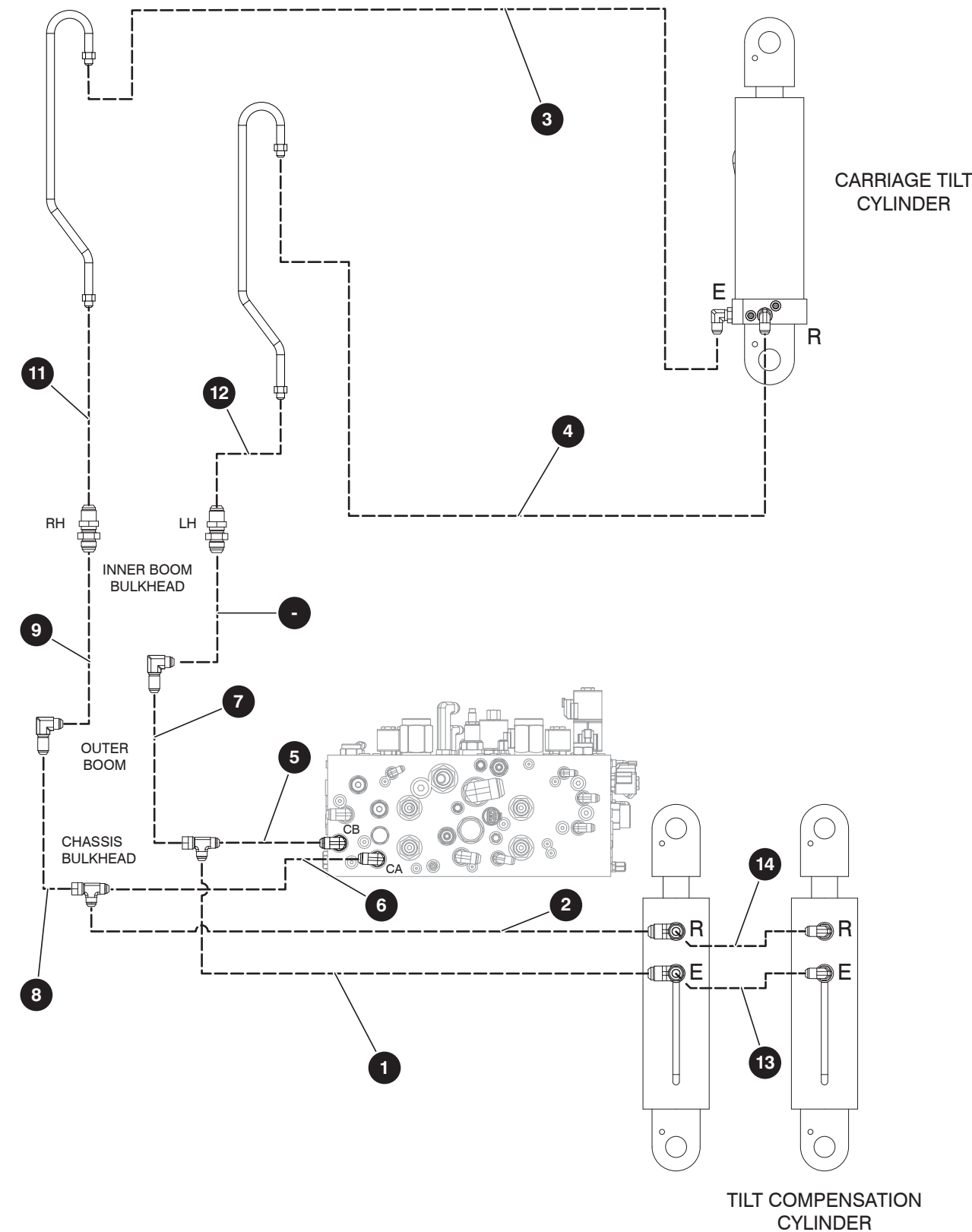
M205216AB

8.9 Carriage Hydraulic Hoses

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	-	For serial number 87410637 and below			
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	205608	Extend line			
12	205608	Retract line			

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

8.10 Carriage Hydraulic Hoses - Dual Tilt

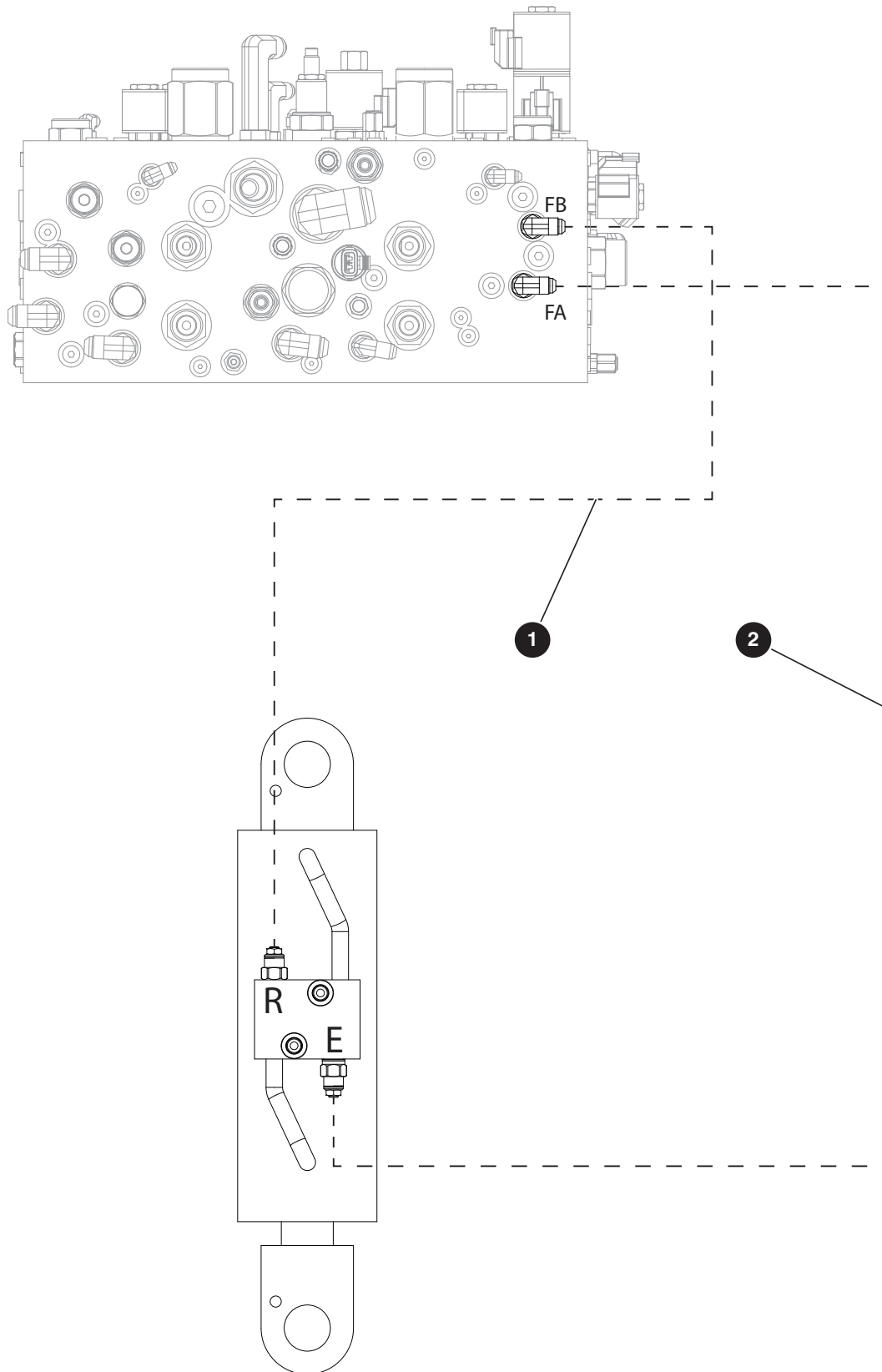


M232349AA

8.10 Carriage Hydraulic Hoses - Dual Tilt

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	-	For serial number 87410638 and above	-	-	-
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	H670800200	Extend line			
12	H670800200	Retract line			
13	H620800190	Tilt compensation cylinder	E	R	Tilt compensation cylinder
14	H620800190	Tilt compensation cylinder	R	R	Tilt compensation cylinder
Index No.	Skyjack Part No.	Qty.	Description		
15	131732	18	SLEEVE, Nylon hose protection hg-46		

8.11 Frame Level Hydraulic Hoses



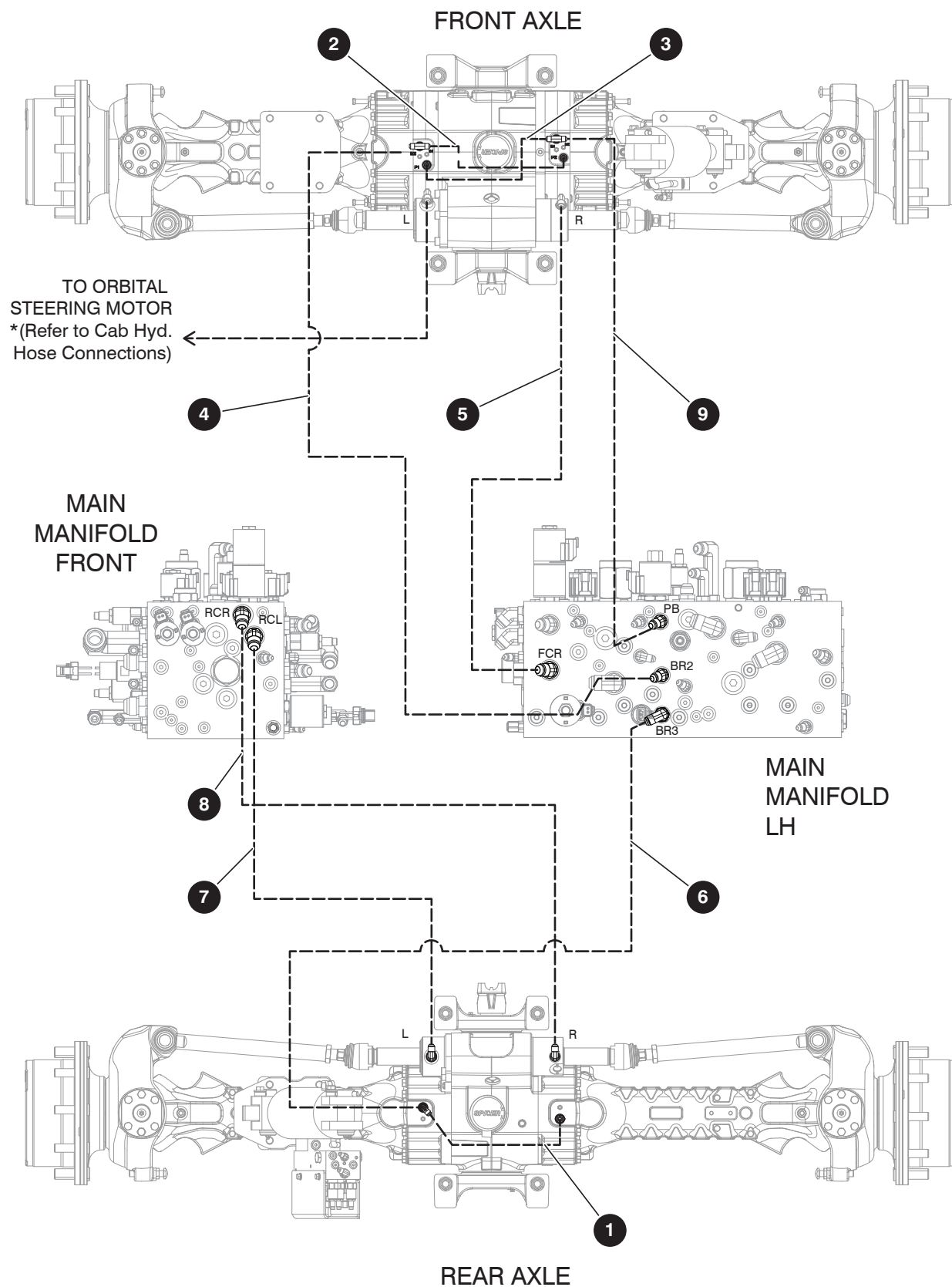
M205225AB

8.11 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	171444	10	WRAP, Spiral 1.00" DIA (Not Shown)

8.12 Brakes & Steering Hydraulic Hoses



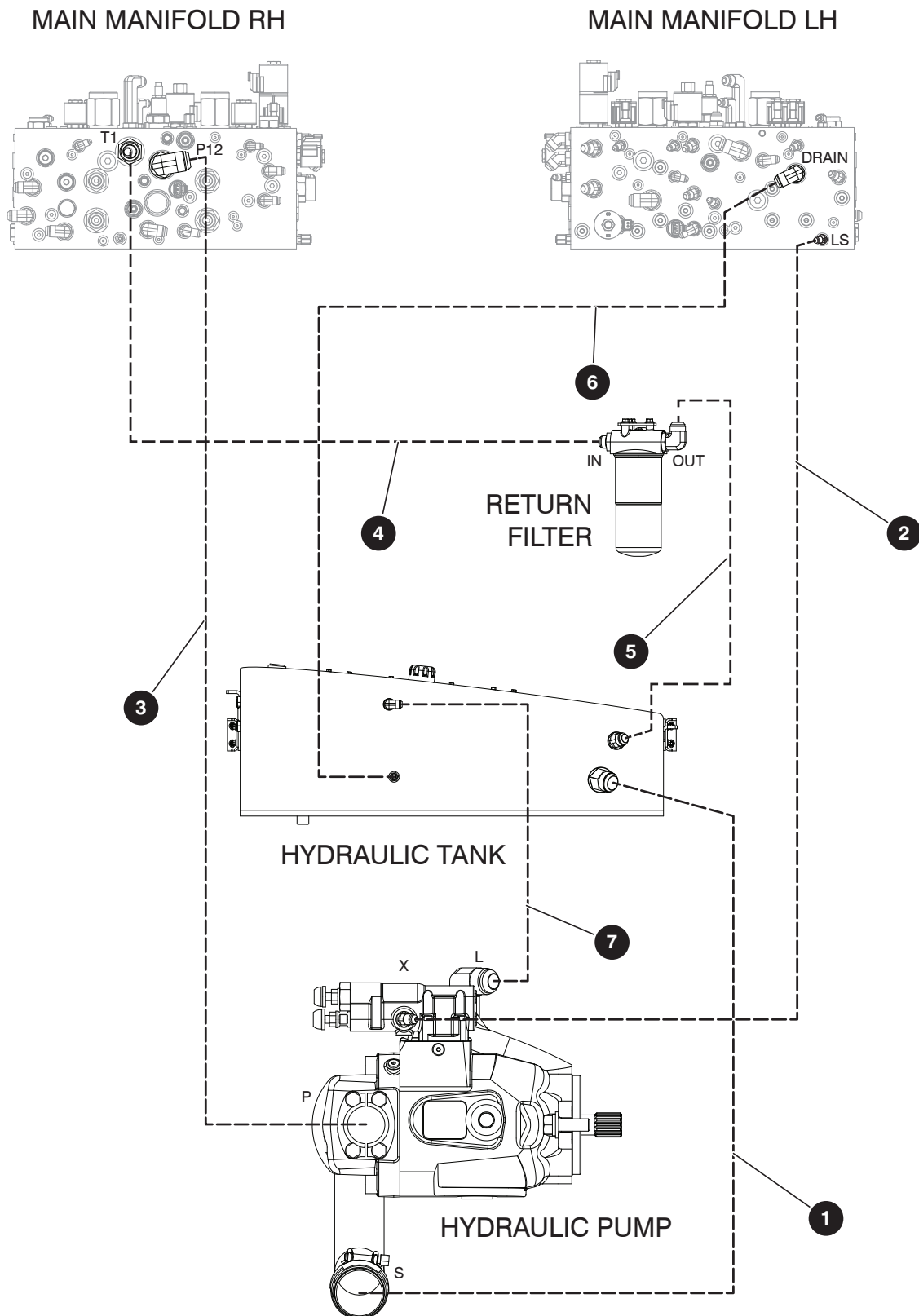
M205511AB

8.12 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	171444	10	WRAP, Spiral 1.00" DIA (Not Shown)

8.13 Hydraulic Pump Hoses

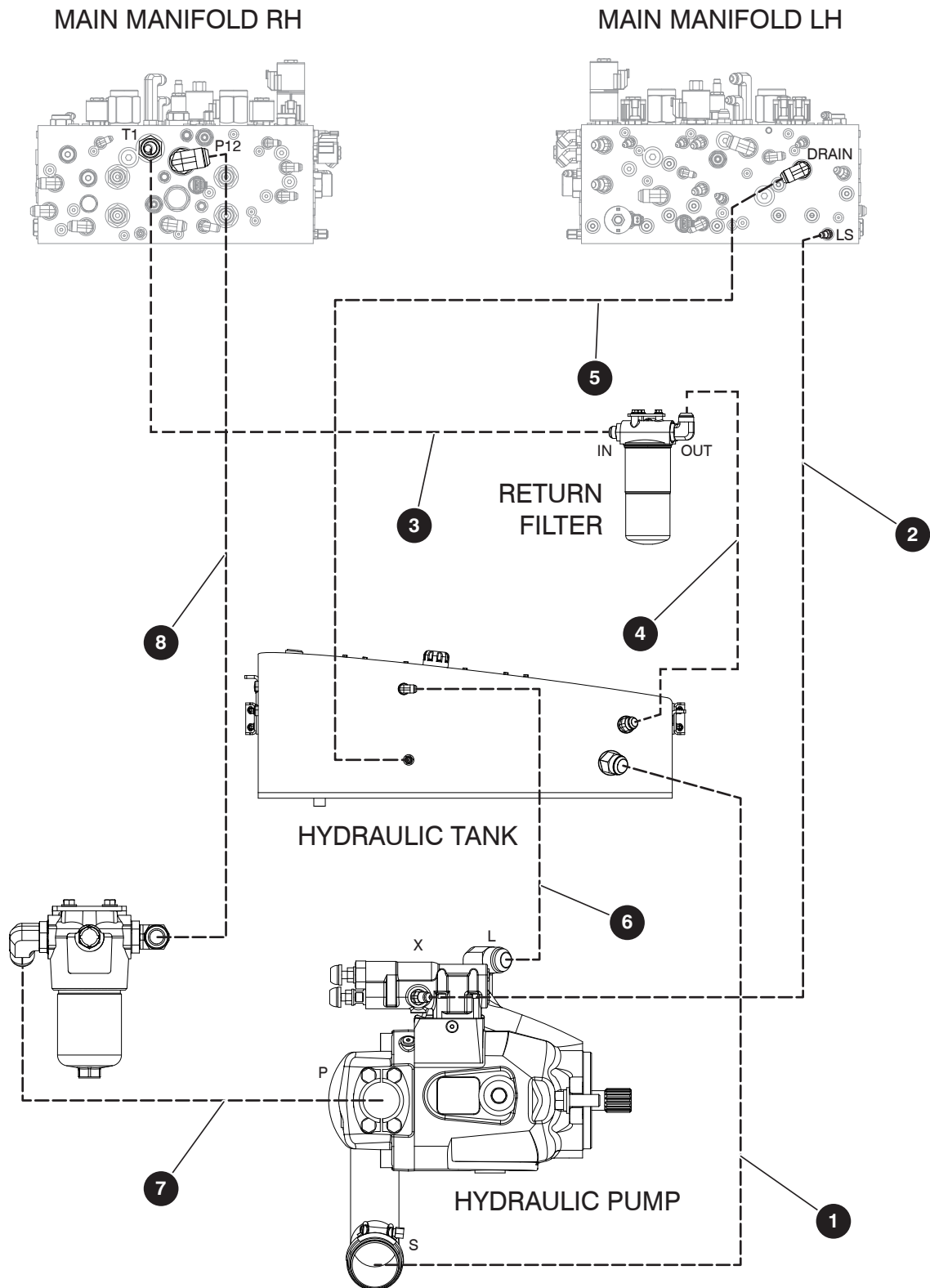


M205224AB

8.13 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

8.14 Hydraulic Pump Hoses - Pressure Filter

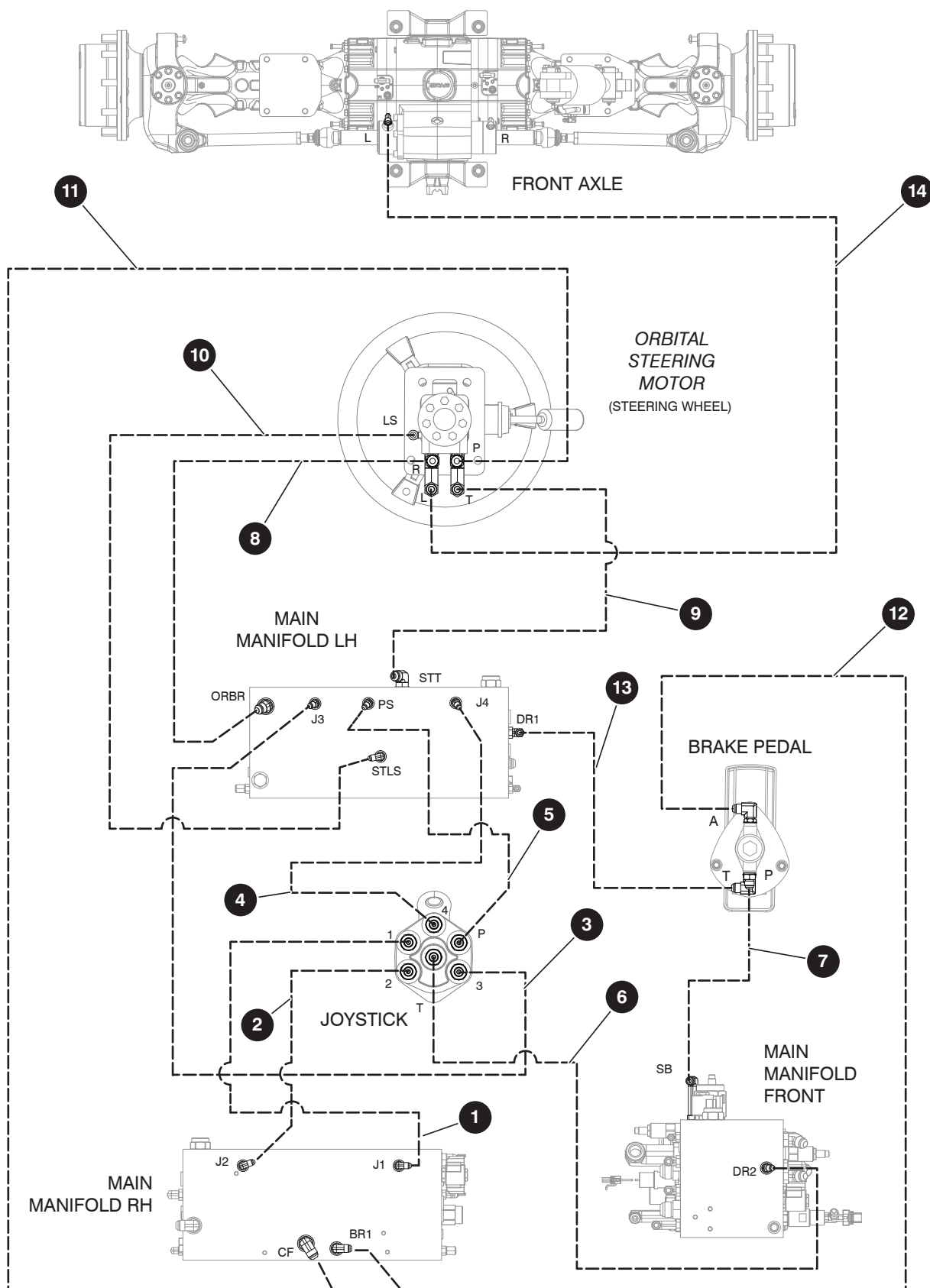


M205224AC

8.14 Hydraulic Pump Hoses - Pressure Filter

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	-	For serial number 87410643 and above	-	-	-
1	H663200360	Pump		S	Hydraulic tank
2	H610401100	Main manifold	LS	X	Pump
3	H201600830	Main manifold	T1	IN	Return filter
4	H202000190	Return filter	OUT		Hydraulic tank
5	H341000610	Main manifold	DRAIN		Hydraulic tank
6	H311200470	Pump		L	Hydraulic tank
7	H821600422	Pump Outlet	P	In	Pressure Filter
8	H671600990	Pressure Filter	Out	P12	Main manifold

8.15 Cab Hydraulic Hoses



M191854AD

205154AH

258

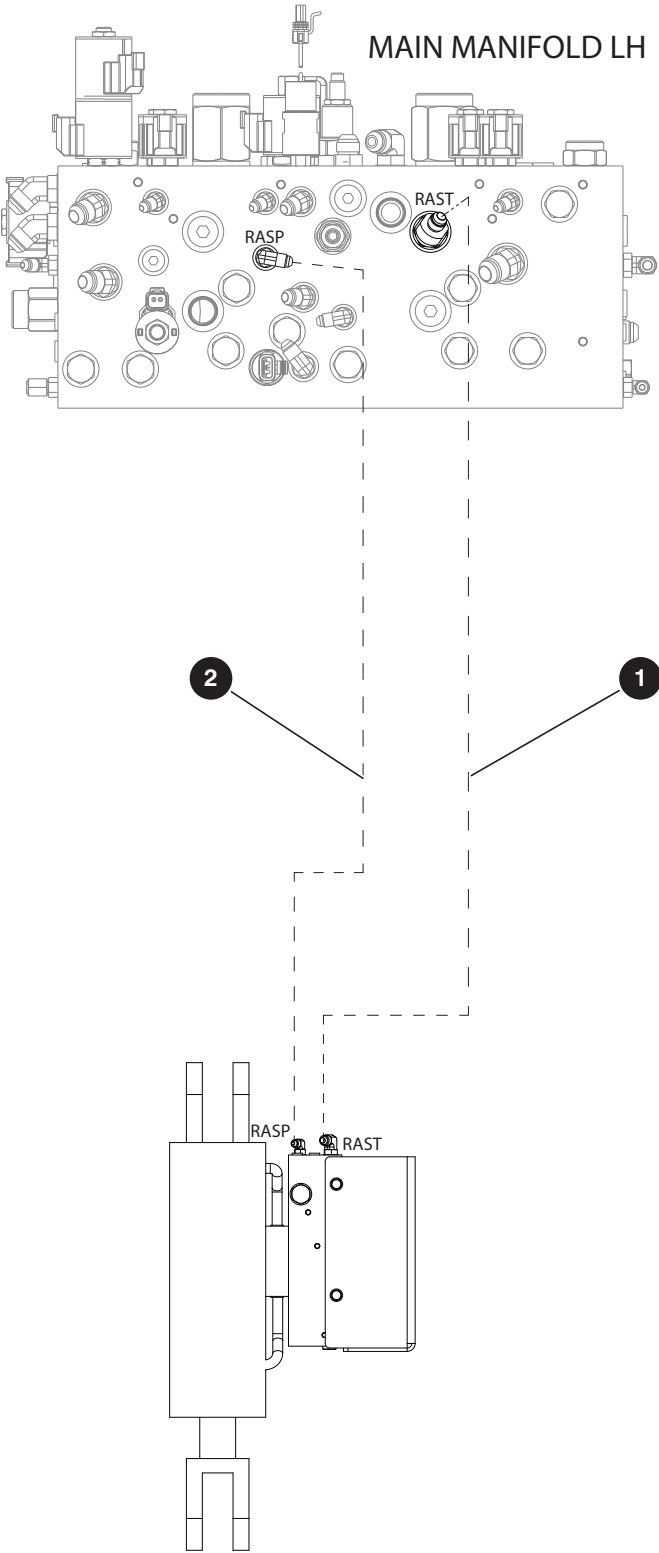
SJ1256 THS

SKYJACK

8.15 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

8.16 RAS Cylinder Hydraulic Hoses

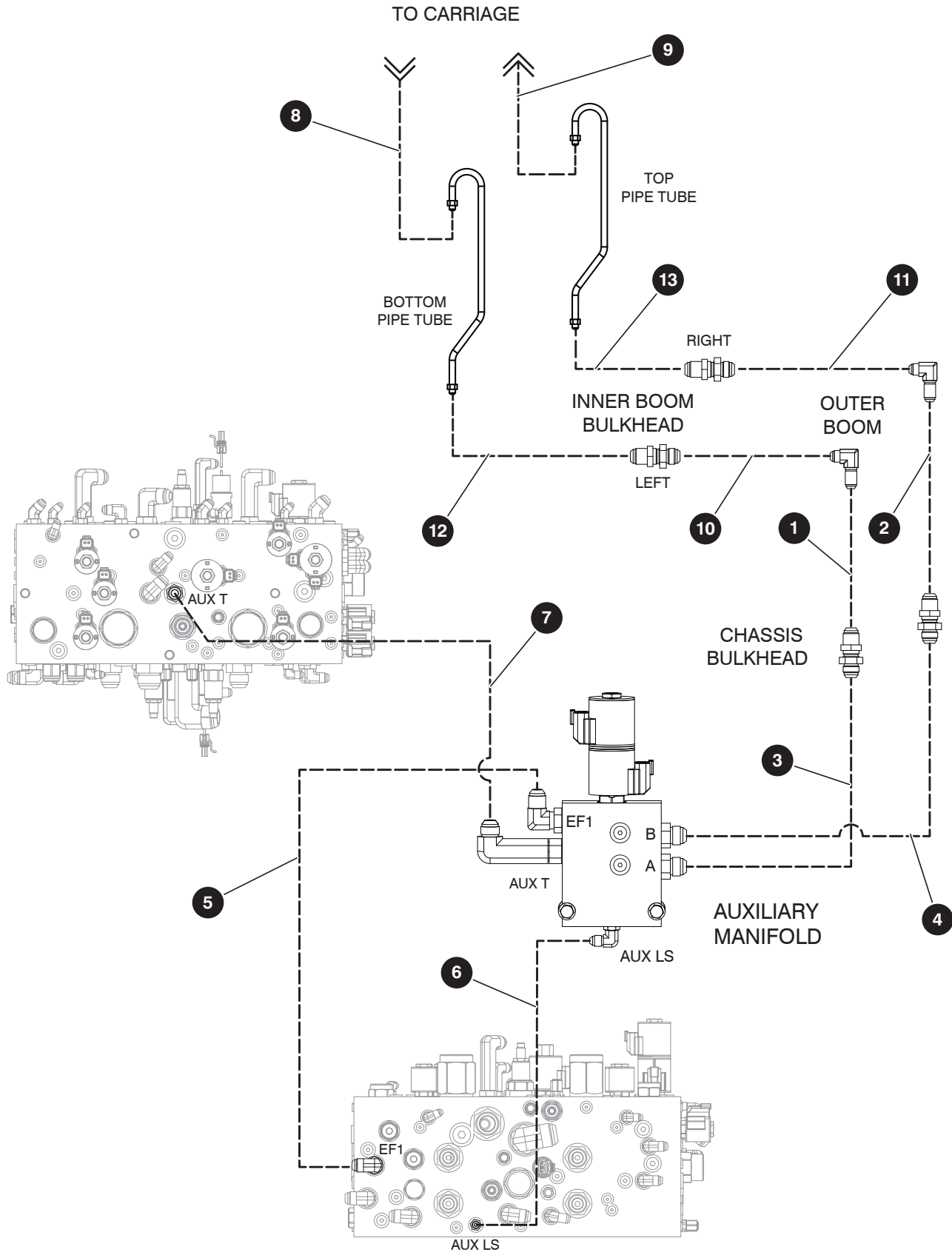


M191853AE

8.16 RAS Cylinder Hydraulic 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

8.17 Auxiliary Hydraulic Hoses

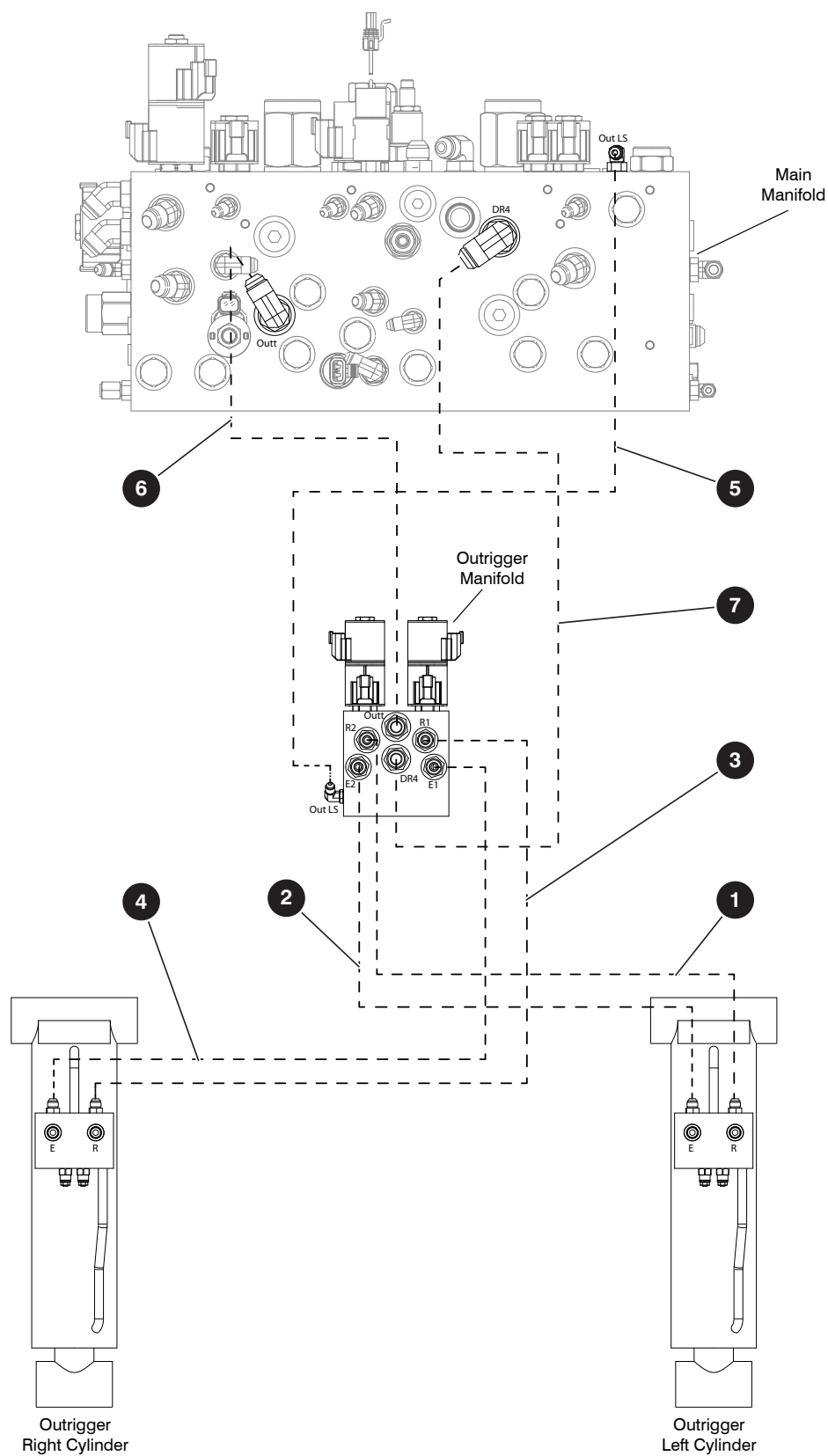


M205109AB

8.17 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	H670800200		A		Top
13	H670800200		B		Bottom

8.18 Outriggers Hydraulic Hoses

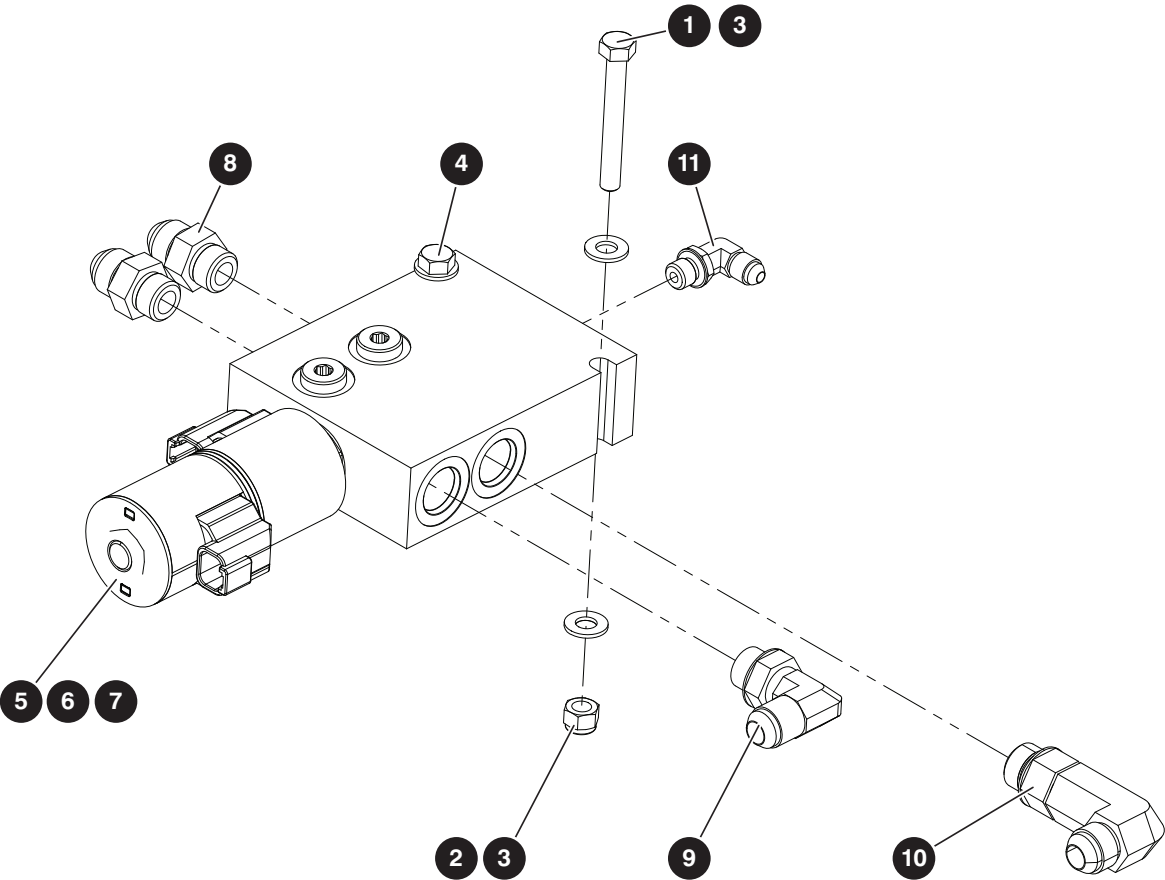


M190067AD

8.18 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

8.19 Auxiliary Manifold



M205214AB

8.19 Auxiliary Manifold

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

 **Notes**

Section 9 – Standard and Optional Attachments

9.1

*Quick-Attach Carrier /
Carriage & Forks*

9.3

Side-Tilt Carriage

9.5

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

9.6

72" Swing Carriage Installation

9.7

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

9.8

Forks Positioner Carriage

9.9

Truss Boom 12' and 15'

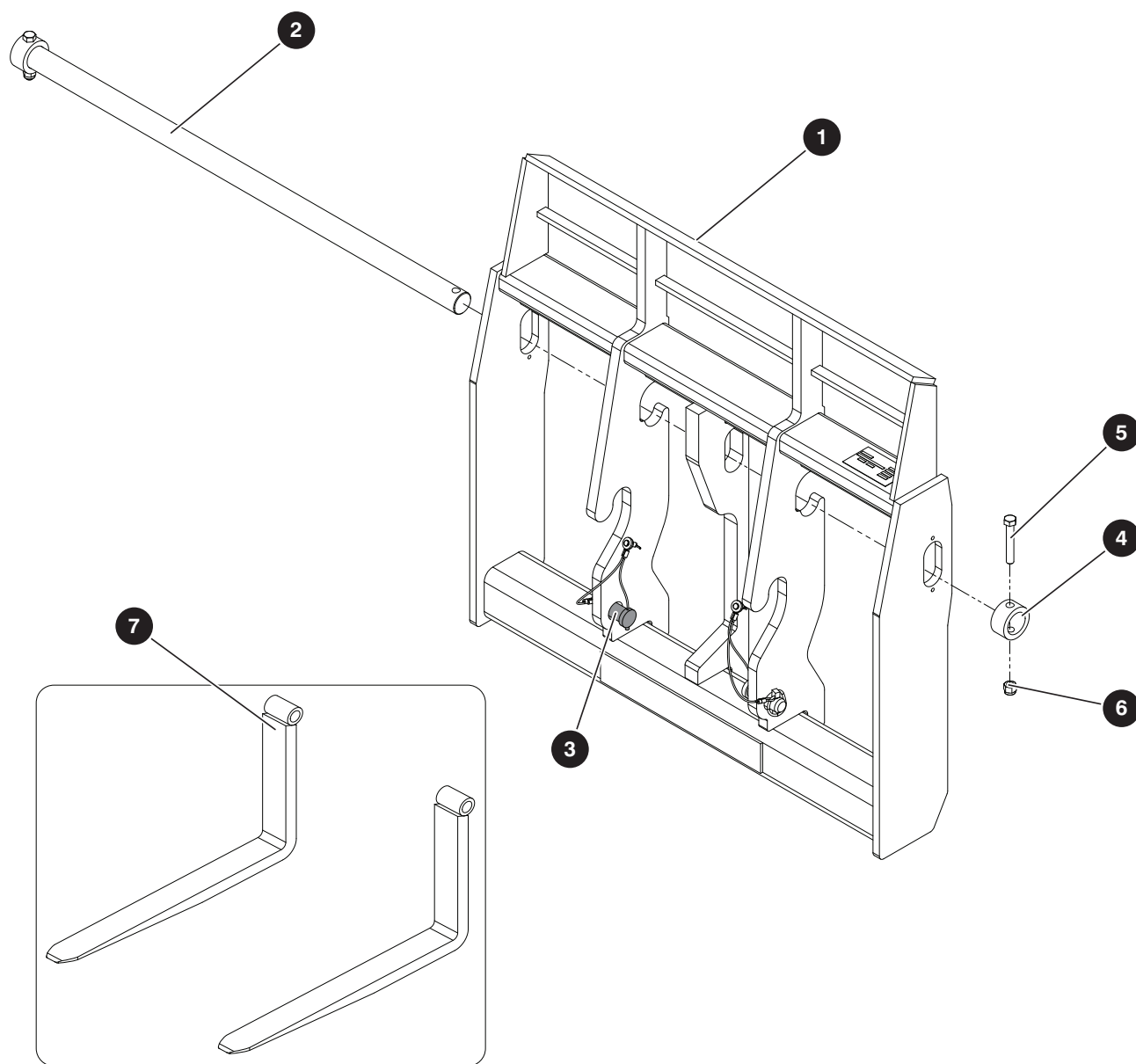
9.10

Loader Bucket

9.11

2' Jib Boom

9.1 Quick-Attach Carrier / Carriage & Forks



M205205AB

205154AH

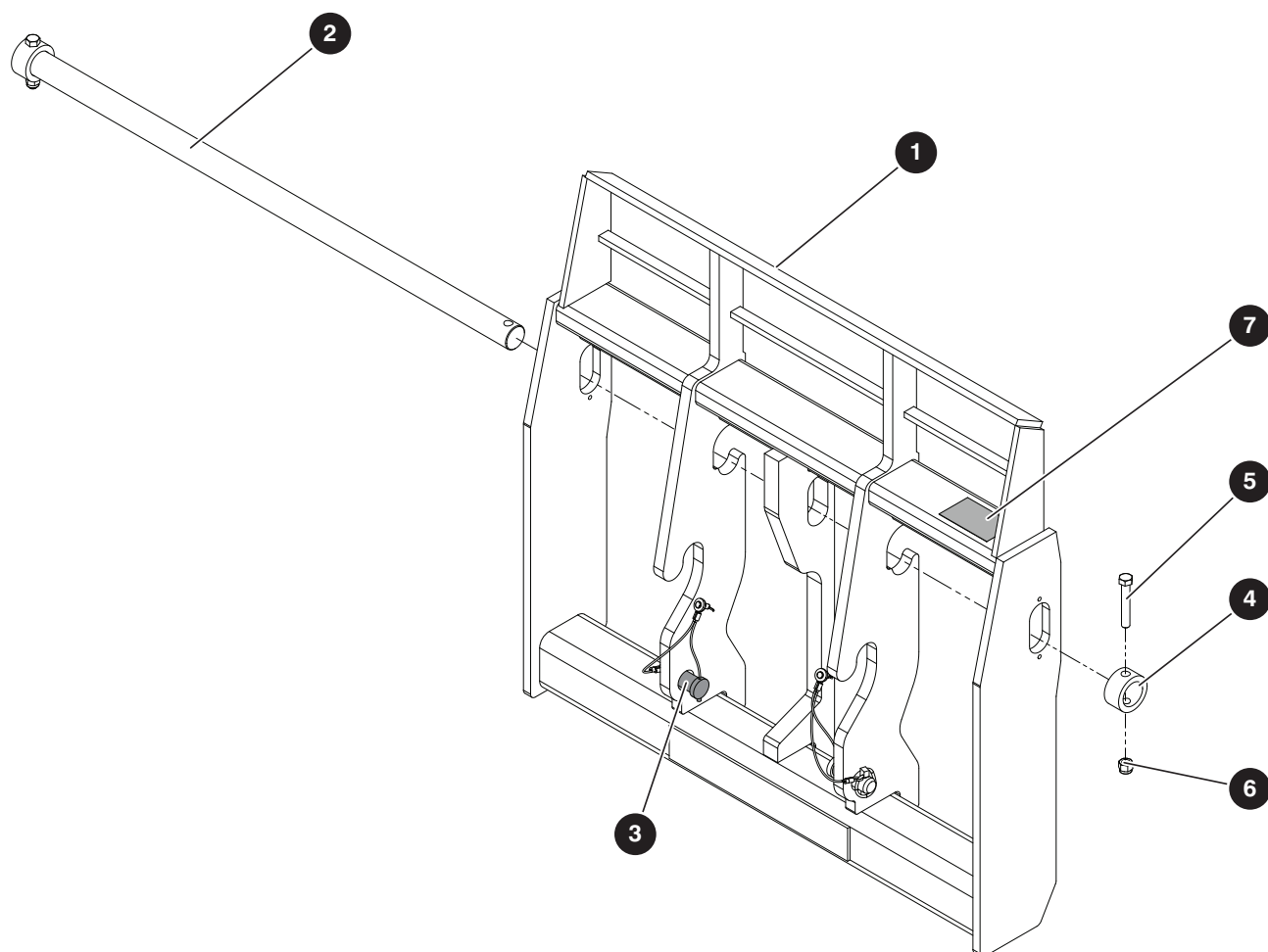
270

SJ1256 THS
SKYJACK

9.1 Quick-Attach Carrier / Carriage & Forks

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

9.2 Quick-Attach Carrier / Carriage & Forks (Skyjack)



M70288AA

205154AH

272

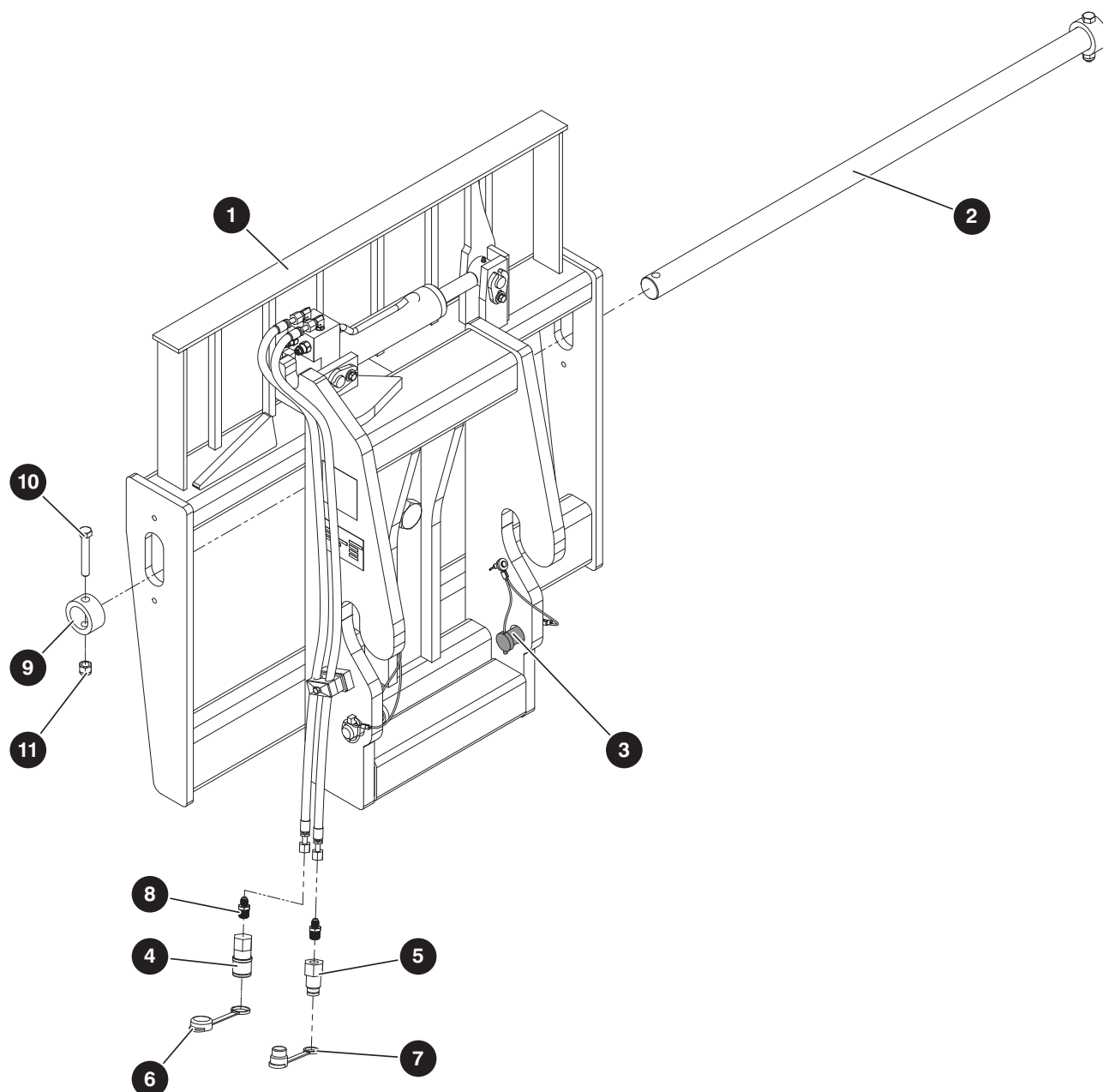
SJ1256 THS

SKYJACK

9.2 Quick-Attach Carrier / Carriage & Forks (Skyjack)

Index No.	Skyjack Part No.	Qty.	Description
A	243881	1	48" QA COMMON CARRIAGE 12K (Skyjack)
B	243871	1	60" QA COMMON CARRIAGE 12K (Skyjack)
C	241741	1	72" QA COMMON CARRIAGE 12K (Skyjack)
1	243882	1	48" QA CARRIAGE WELD 12K - A
-	243872	1	60" QA CARRIAGE WELD 12K - B
-	241729	1	72" QA CARRIAGE WELD 12K - C
2	198948	1	BAR, Forks 48" - A
-	199023	1	BAR, Forks 60" - B
-	199026	1	BAR, Forks 72" - C
3	923565	2	PIN, Quick Attach 63mm teather
4	198937	2	COLLAR, 2" Fork bar
5	192219	2	BOLT, Hex head 5/8"-11 x 4" Gr. 8
6	111577	2	NUT, Lock with nylon insert 5/8"-11 Gr. 5
7	172659	1	NAMEPLATE, Attachment serial number

9.3 Side-Tilt Carriage



M205210AB

205154AH

274

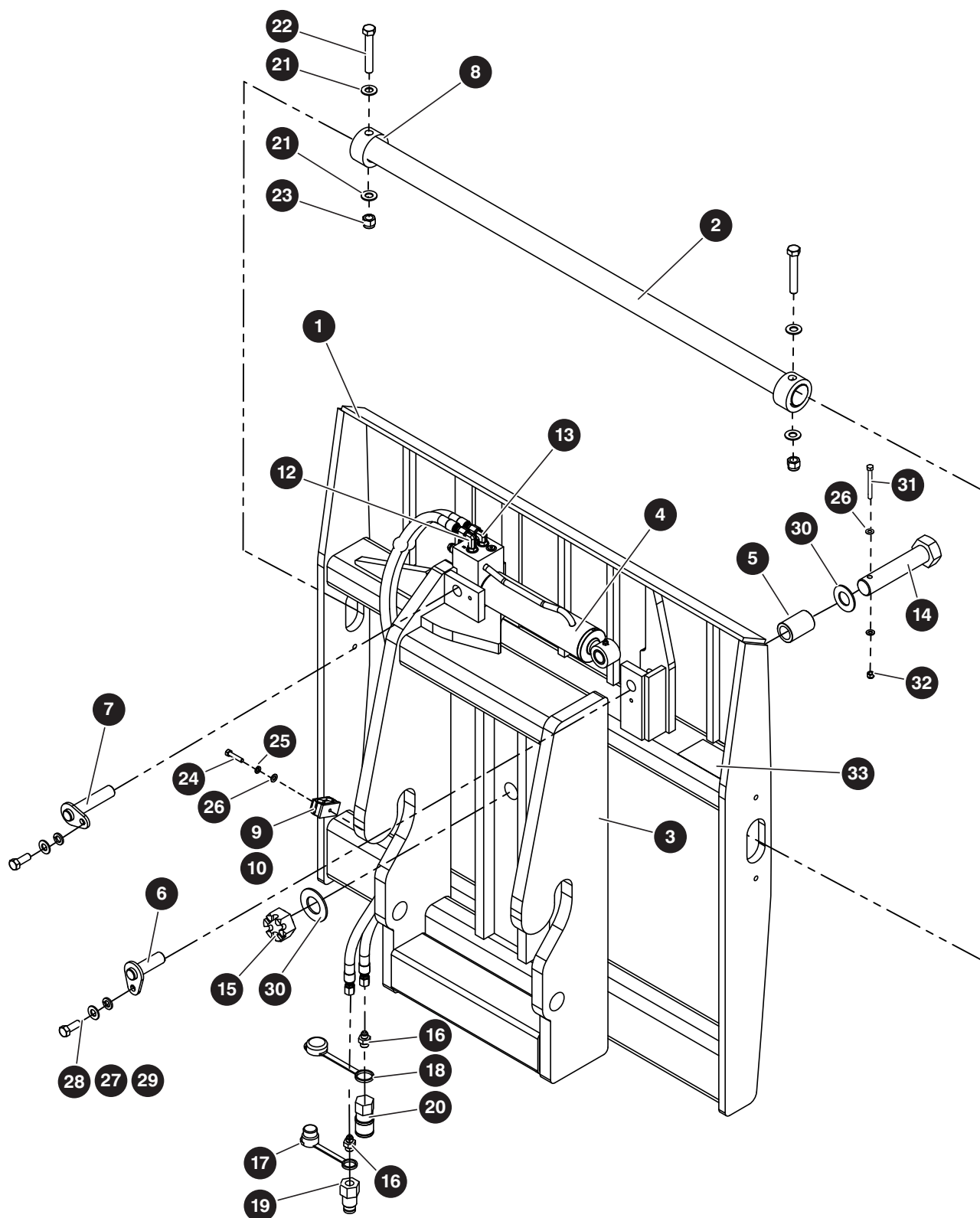
SJ1256 THS

SKYJACK

9.3 Side-Tilt Carriage

Index No.	Skyjack Part No.	Qty.	Description
A	205166	1	48" SIDE TILT CARRIAGE SUBGROUP 12K
B	205167	2	60" SIDE TILT CARRIAGE SUBGROUP 12K
C	205168	3	72" SIDE TILT CARRIAGE SUBGROUP 12K
1	205211	1	48" S/T QA CARRIAGE 12K - A (For components, refer to Section 9.5)
-	205213	1	60" S/T QA CARRIAGE 12K - B (For components, refer to Section 9.5)
-	205209	1	72" S/T QA CARRIAGE 12K - C (For components, refer to Section 9.5)
2	198948	1	BAR, Forks 48"
-	199023	1	BAR, Forks 60"
-	199418	1	BAR, Forks 72"
3	923563	1	PIN, Quick Attack 70mm teather
4	206134	1	COUPLING, Quick disconnect - female 1/2"
5	206135	1	COUPLING, Quick disconnect - male 1/2"
6	926079	1	DUST CAP, Quick connect coupler
7	926080	1	DUST CAP, Quick connect ni
8	103070	2	FITTING, Straight (08 SAE - 06 JIC)
9	198937	2	COLLAR, 2" Fork bar
10	192219	2	BOLT, Hex Head 5/8"-11 x 4" Gr. 8
11	111577	2	NUT, Lock with nylon insert 5/8"-11 Gr. 5

9.4 Side-Tilt Carriage Installation (Skyjack)

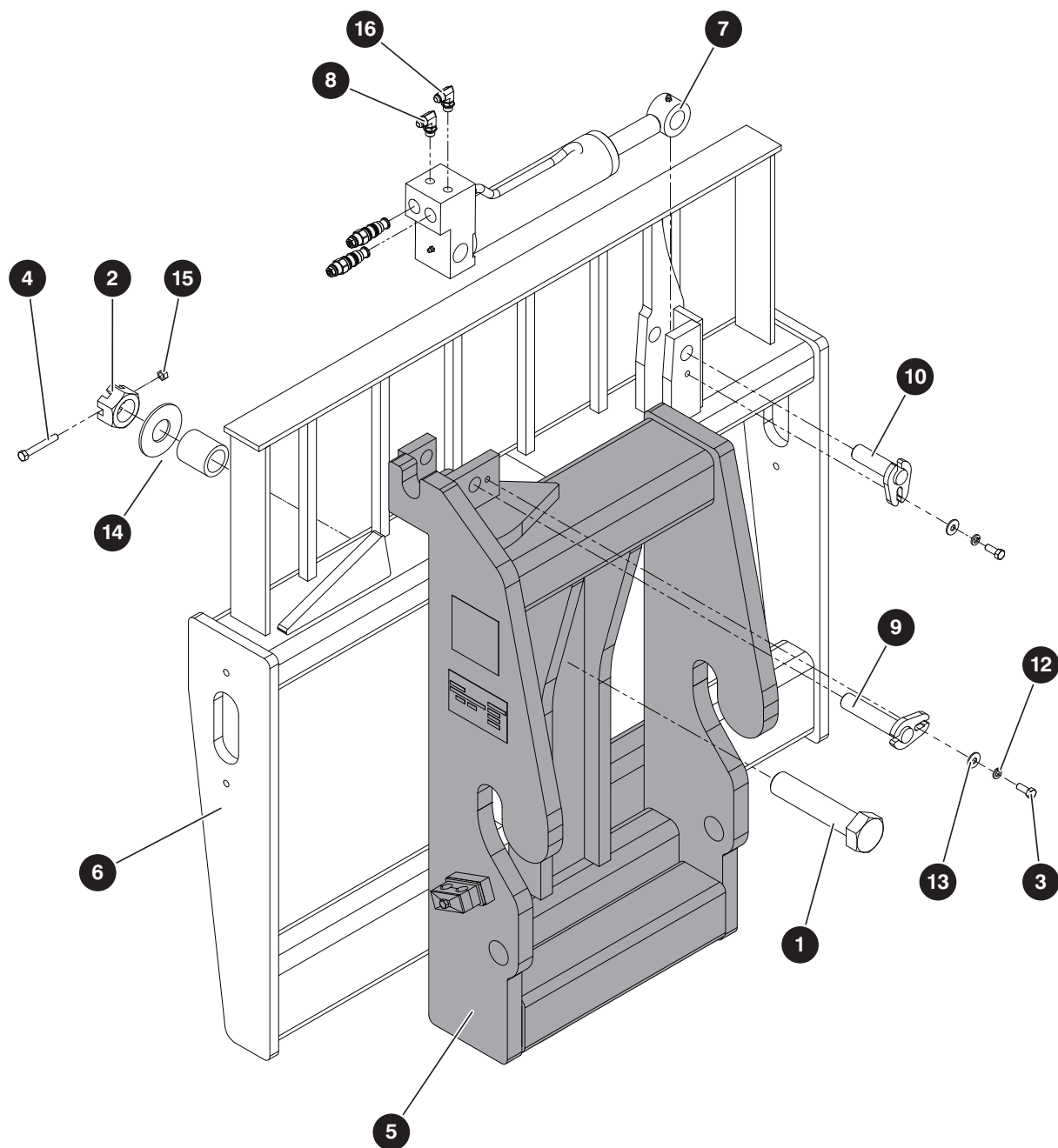


M70277AA

9.4 Side-Tilt Carriage Installation (Skyjack)

Index No.	Skyjack Part No.	Qty.	Description
A	243891	1	48" Side Tilt Carriage (Skyjack)
B	243875	1	60" Side Tilt Carriage (Skyjack)
1	243892	1	• WELDMENT, Front carriage 48", A
-	243876	1	• WELDMENT, Front carriage 60", B
2	198948	1	• BAR, Forks 48", A
-	199023	1	• BAR, Forks 60", B
3	243910	1	• WELDMENT, Rear frame
4	240328	1	• CYLINDER, Hydraulic
5	240334	1	• BUSHING, Hinge
6	240329	1	• WELDMENT, Pin (1" x 3.563 LG)
7	240166	1	• WELDMENT, Pin (1" x 5.1875 LG)
8	198937	2	• COLLAR, Fork bar (2")
9	933048	1	• CLAMP
10	932668	1	• PLATE, Cover
11	103513	1	• NIPPLE, Grease (1/4"-28)
12	114578	1	• FITTING, 90° (06 JICM - 06 ORBM)
13	233080	1	• FITTING, Orifice
14	240172	1	• BOLT, Hex head (1.5"-12 x 7" Grade 8)
15	240173	1	• NUT, Castle (1 1/2"-12)
16	103070	2	• FITTING, Straight (06 JICM - 08 ORBM)
17	926080	1	• CAP, Quick connect dust nipple
18	926079	1	• CAP, Quick connect dust coupler
19	206135	1	• COUPLING, Quick disconnect nipple
20	206134	1	• COUPLING, Quick disconnect (Flat-Faced)
21	700782	4	• WASHER, Flat (5/8")
22	192219	2	• BOLT, Hex head (5/8"-11 x 4" Grade 8)
23	111577	2	• NUT, Lock (5/8"-11 Grade 5)
24	112532	1	• BOLT, Hex head (0.312"-18 x 1.25" Grade 5)
25	103404	1	• WASHER, Lock (0.312")
26	103996	3	• WASHER, Flat (0.312")
27	103472	2	• WASHER, Flat (3/8")
28	207298	2	• BOLT, Hex head (3/8"-16 x 1" Grade 8)
29	103999	2	• WASHER, Lock (3/8")
30	240174	2	• WASHER, Flat (1.5")
31	103867	1	• BOLT, Hex head (0.31"-18 x 3" Grade 5)
32	103984	1	• NUT, Lock (0.313"-18 Grade 5)
33	172659	1	• NAMEPLATE, Serial number

9.5 48", 60" & 72" Side Tilt Carriage - Internal Breakdown

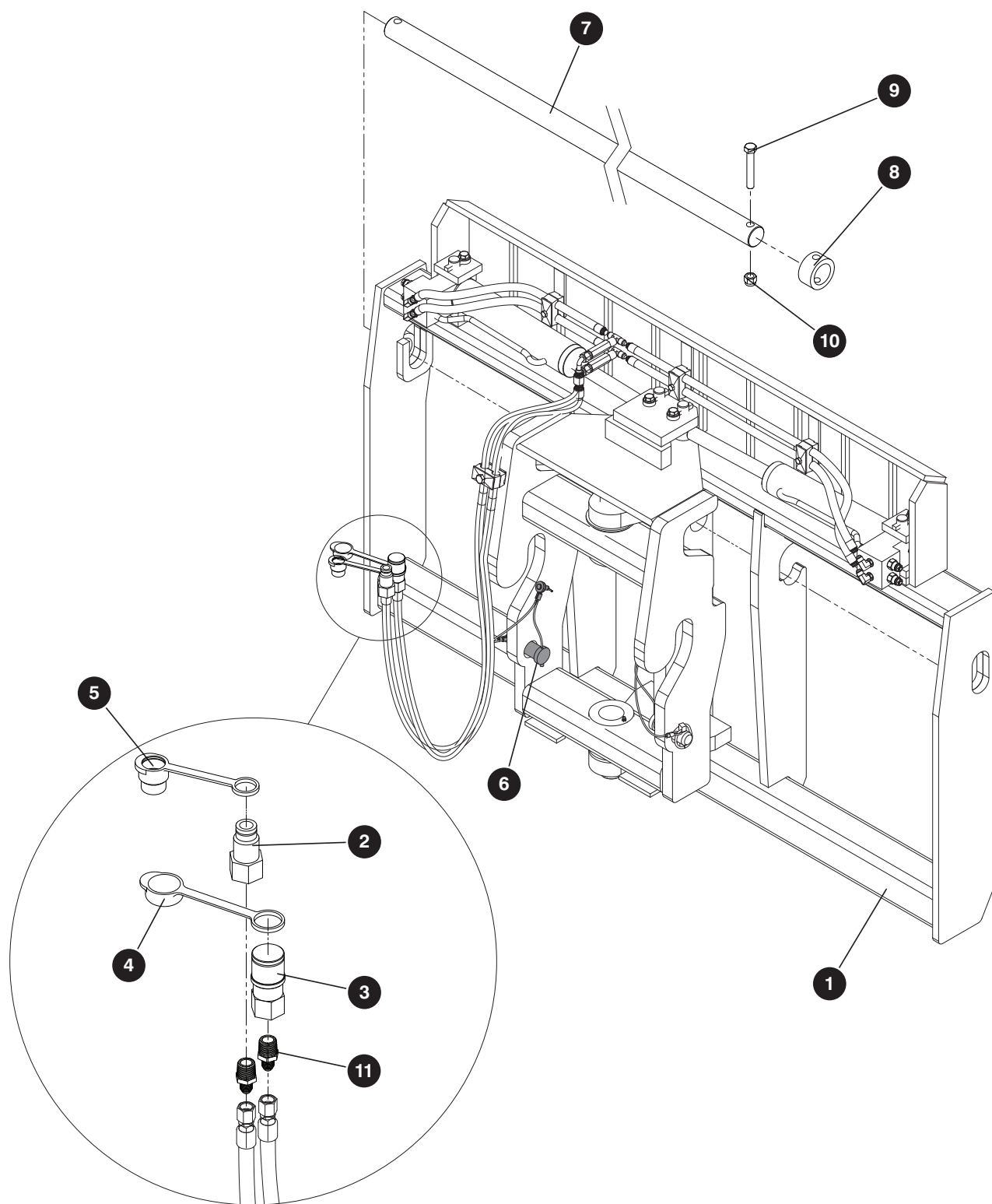


M205211AB

9.5 48", 60" & 72" Side Tilt Carriage - Internal Breakdown

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

9.6 72" Swing Carriage Installation

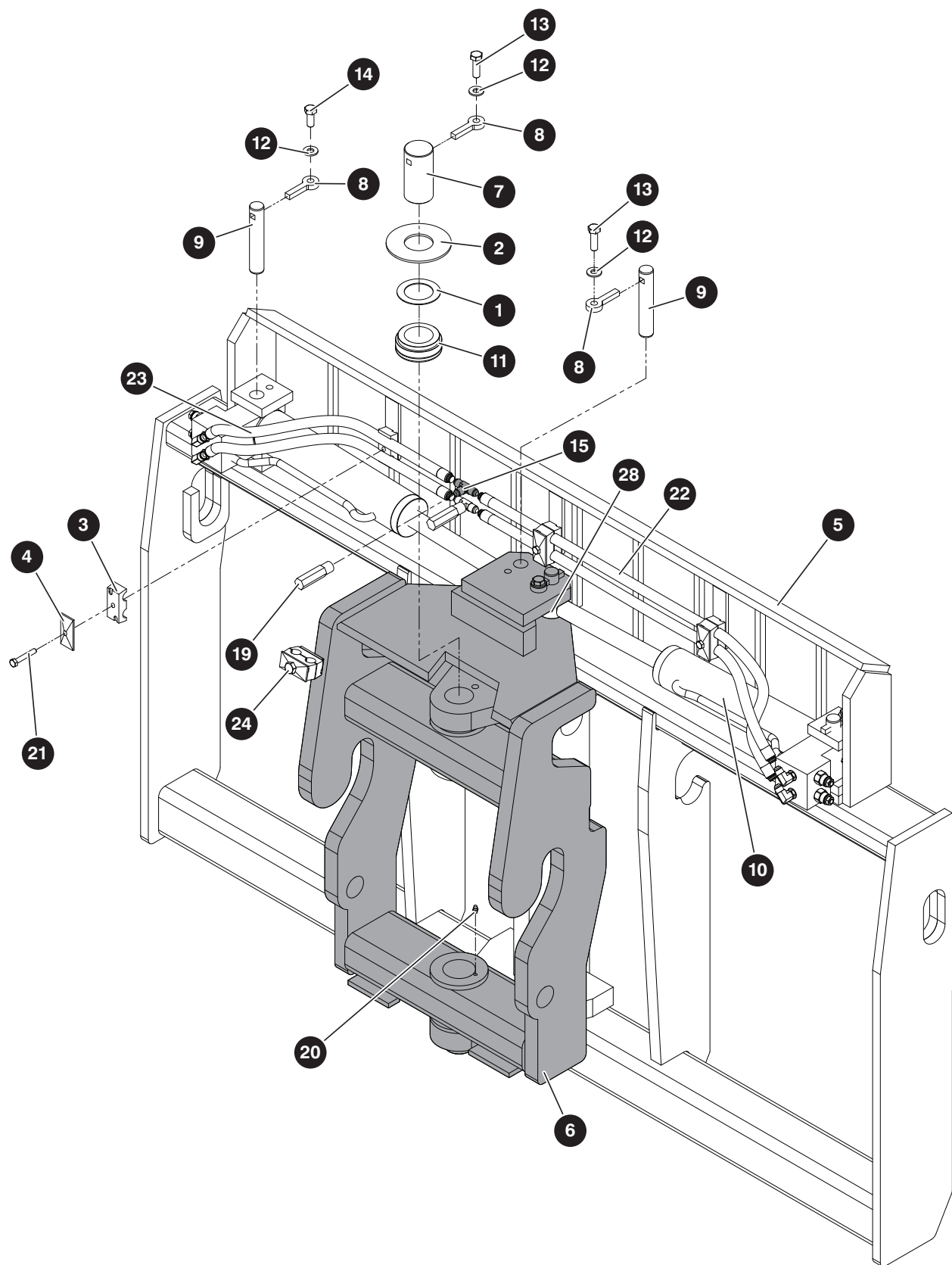


M205215AB

9.6 72" Swing Carriage Installation

Index No.	Skyjack Part No.	Qty.	Description
-	205215	1	72" SWING CARRIAGE SUBGROUP 12K
1	205195	1	72" SWING CARRIAGE 12K (For components, refer to Section 9.7)
2	206135	1	COUPLING, Quick disconnect - male 1/2"
3	206134	1	COUPLING, Quick disconnect - female 1/2"
4	926079	1	DUST CAP, Quick connect coupler
5	926080	1	DUST CAP, Quick connect ni
6	923563	1	PIN, Quick Attach 70mm teather assy
7	199026	1	BAR, Forks 72"
8	198937	2	COLLAR, 2" Fork bar
9	192219	2	BOLT, Hex Head 5/8"-11 x 4" Gr. 8
10	111577	2	NUT, Lock with nylon insert 5/8"-11 Gr. 5
11	933277	2	FITTING, Straight (06 JICM - 08 SAE)

9.7 72" Swing Carriage Components

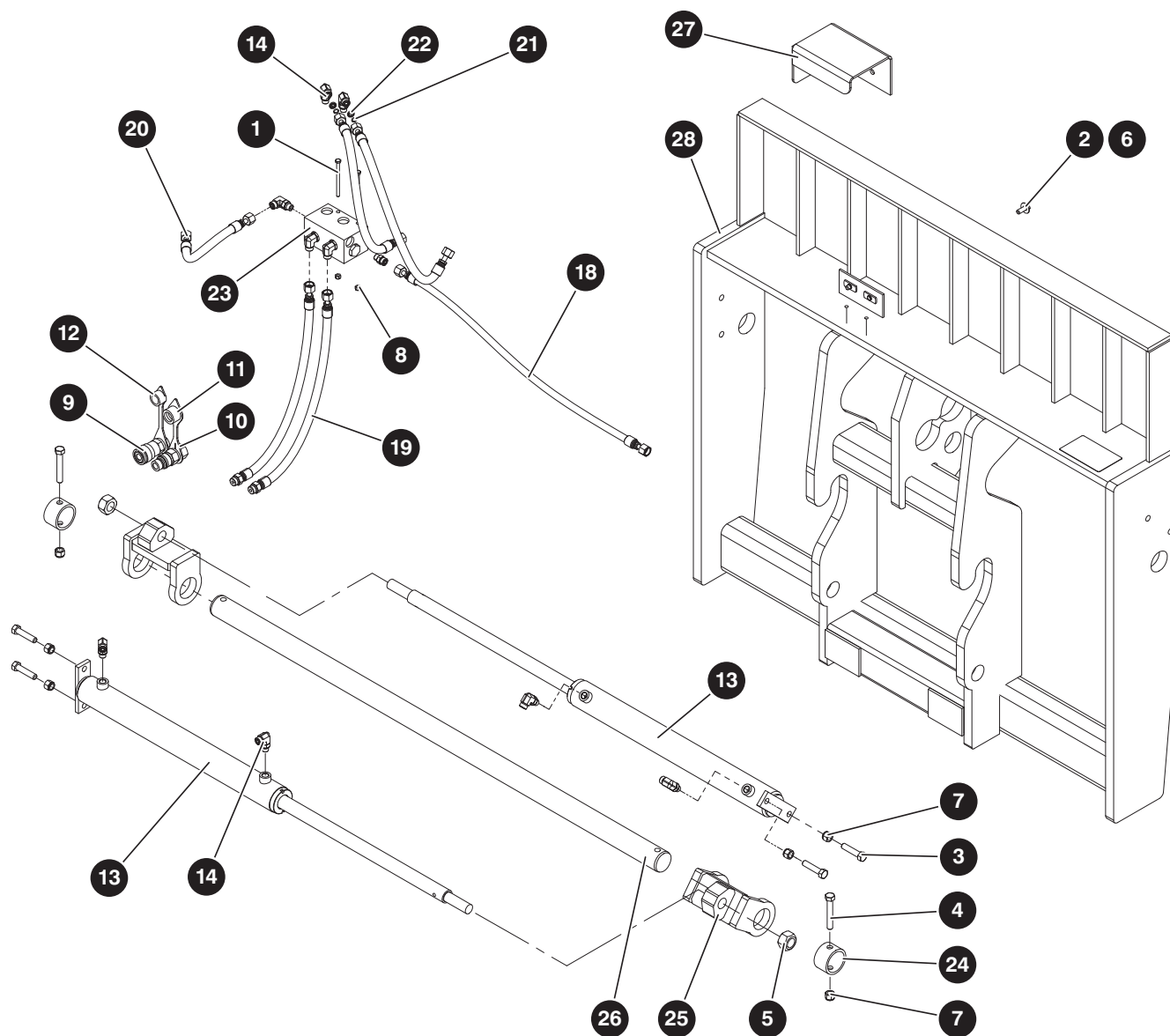


M205195AB

9.7 72" Swing Carriage Components

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

9.8 Forks Positioner Carriage

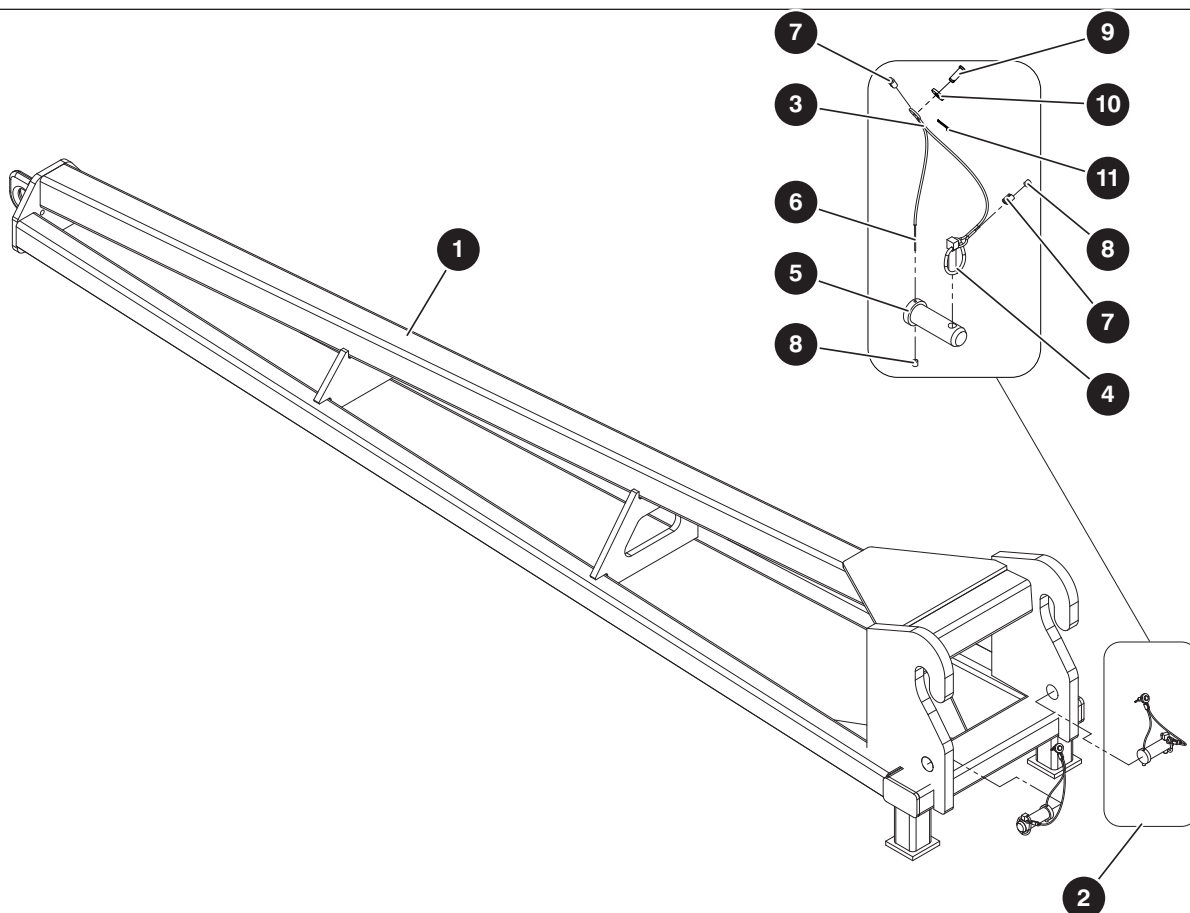


M206173AB

9.8 Forks Positioner Carriage

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

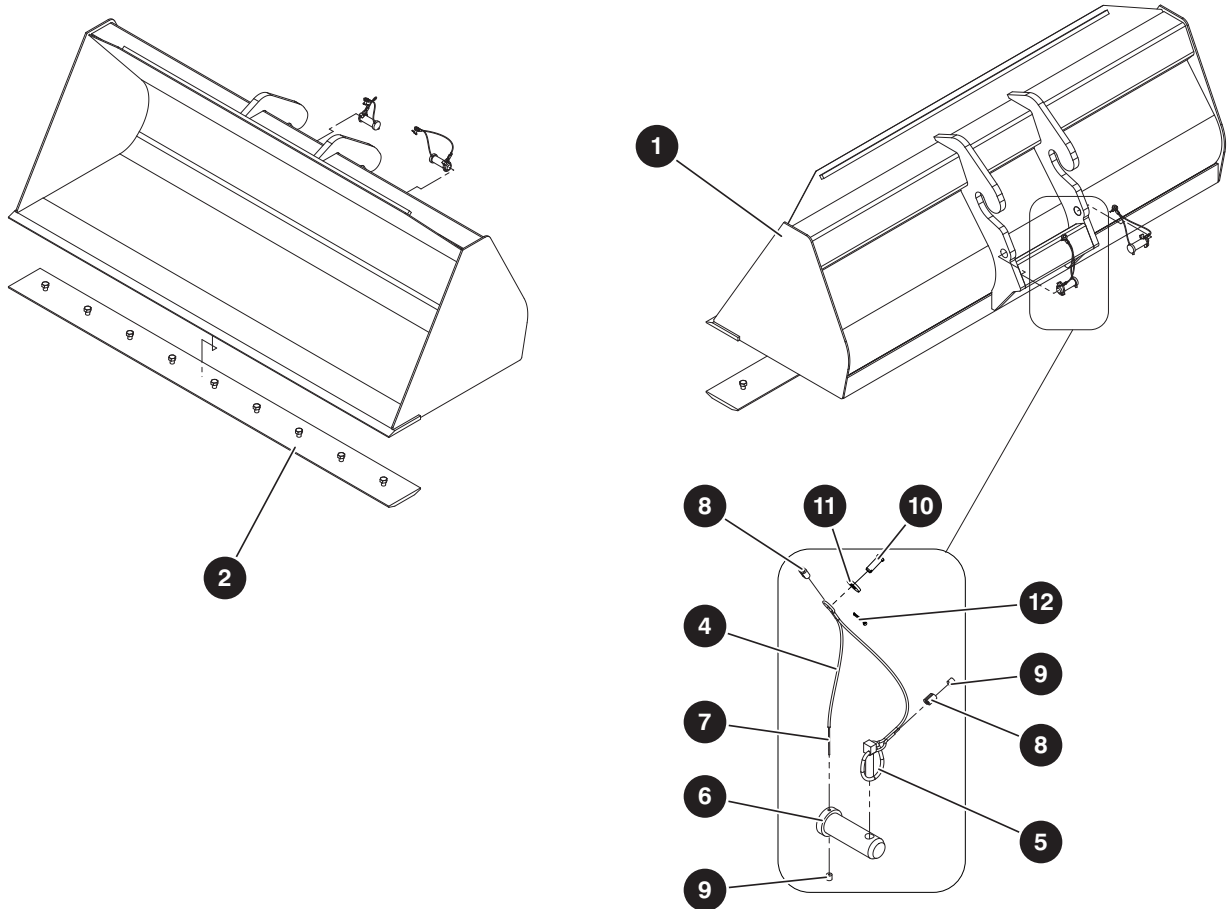
9.9 Truss Boom 12' and 15'



M927448AB

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

9.10 Loader Bucket



M927450AC

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

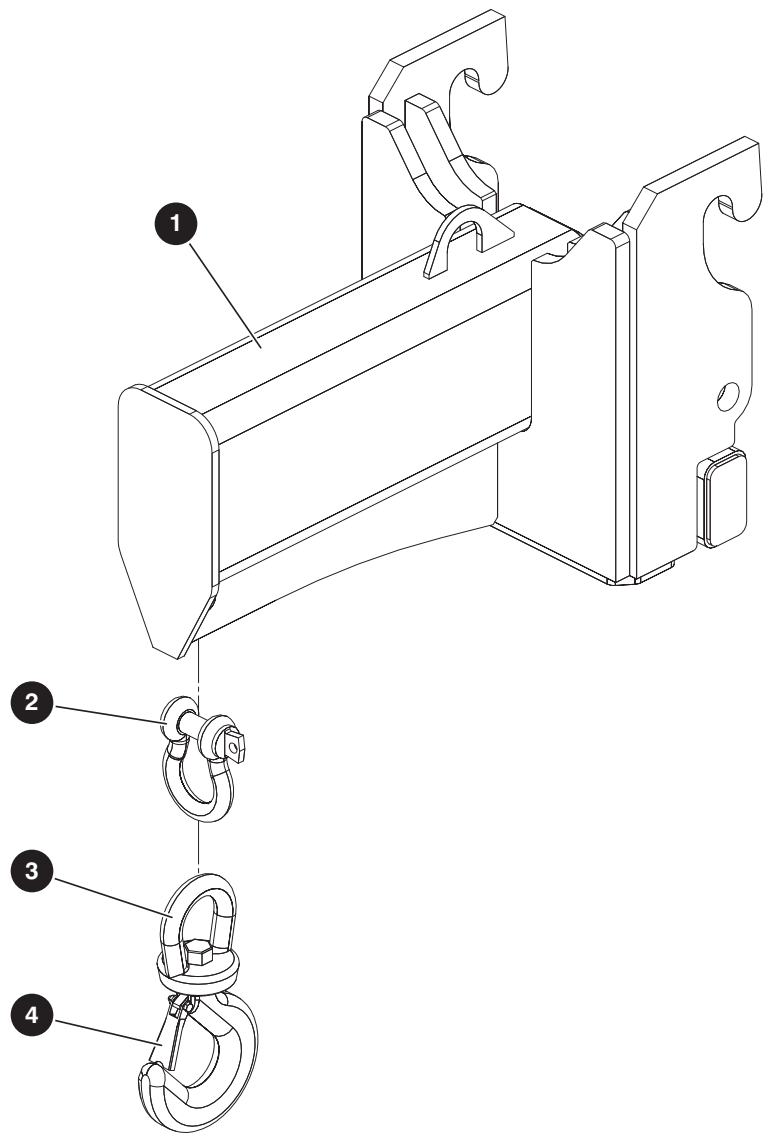
SJ1256 THS

SKYJACK

205154AH

287

9.11 2' Jib Boom



M61103AA

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

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*

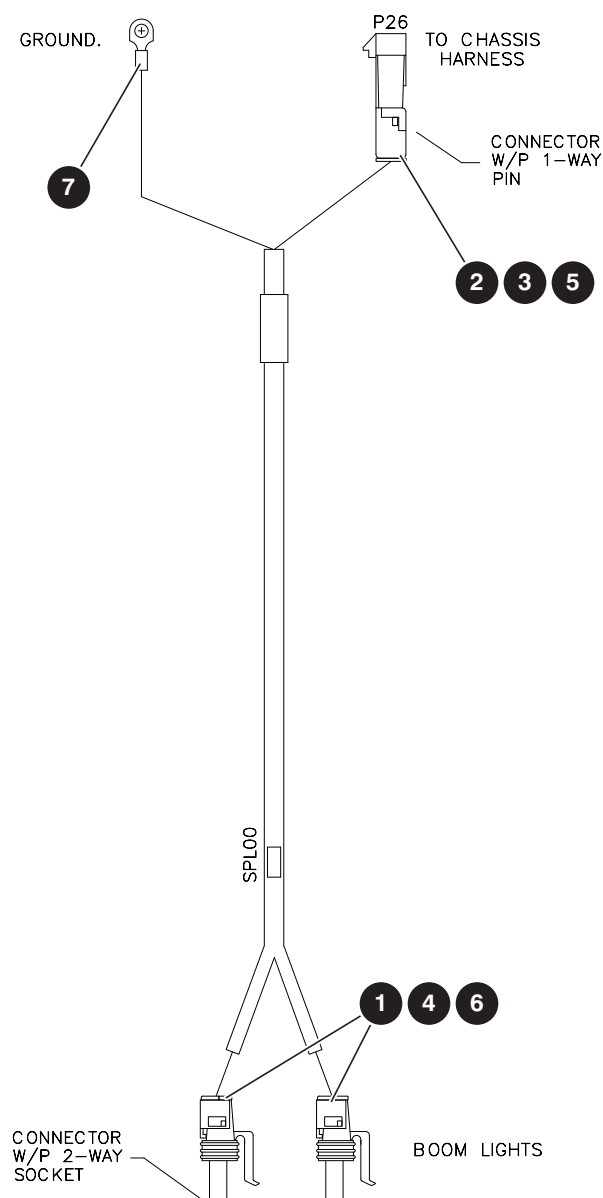


SJ1256 THS
SKYJACK

10.1 Boom Lights

Index No.	Skyjack Part No.	Qty.	Description
-	197109	1	ASSEMBLY, BOOM LIGHTS
1	(Ref.)	1	HARNES, Boom light (Not Shown) (For components, refer to Section 10.2)
2	932899	2	CONNECTOR
3	932898	4	SEAL, Cable (packard connection)
4	932897	4	PIN, Male (packard connector)
5	407592	2	HEAD LIGHT, Halogen
6	156203	1	FUSE, 10A
7	209359	1	BRACKET, Boom light
8	103472	9	WASHER, 13/32" ID X 13/16" OD X 1/16" zinc
9	103870	2	BOLT, Hex head 3/8"-16 X 1-1/2" Gr. 5
10	104606	5	NUT, Lock with nylon insert 3/8"-16 Gr. 5
11	103473	2	BOLT, Hex head 3/8"-16 X 1" Gr. 5
12	191455	1	SWITCH, Boomlight-haz-posi
13	152136	2	WIRE, Work light ground
14	197110	1	INSTRUCTIONS, Boom lights installation (Not Shown)

10.2 Boom Lights Harness

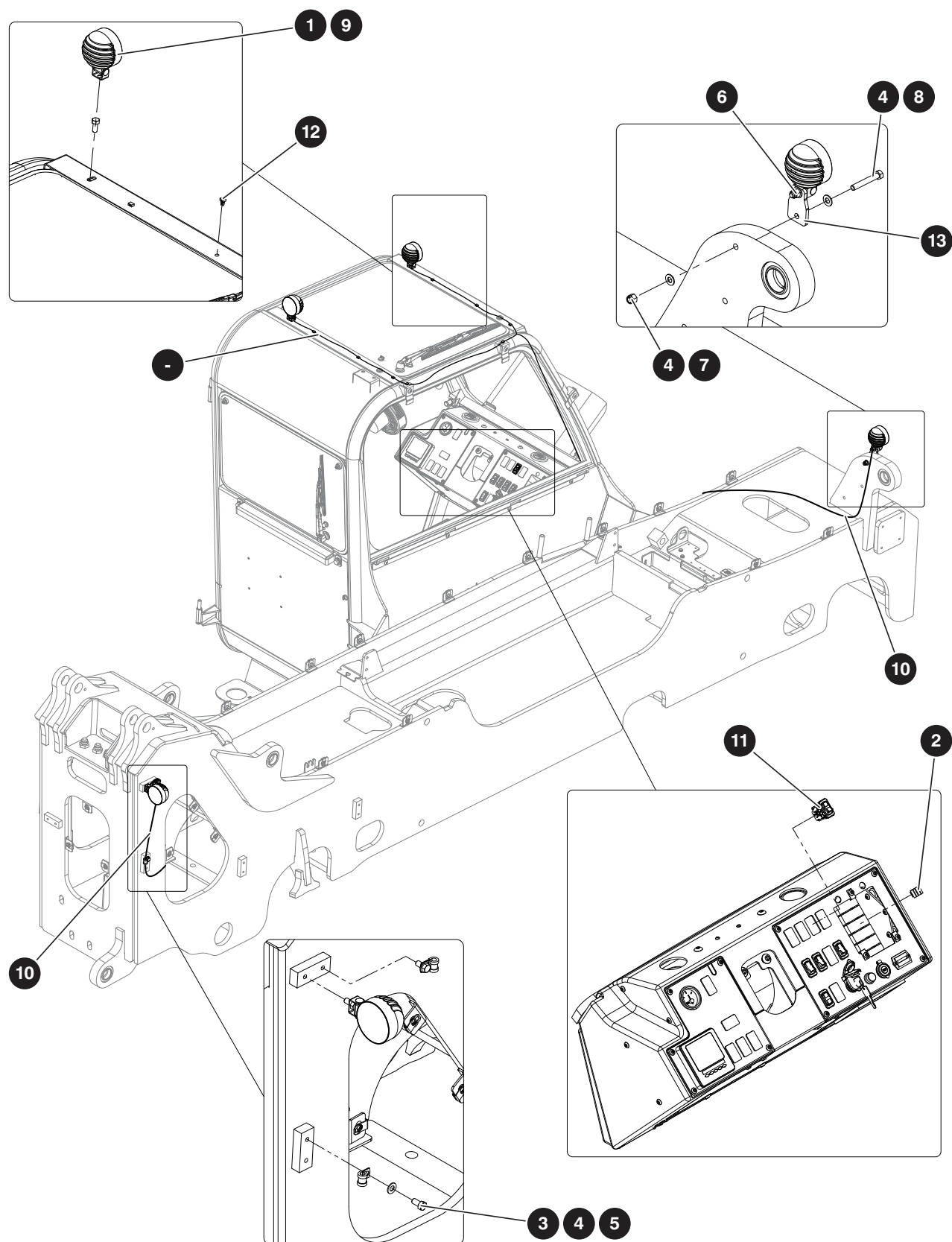


M190288AC

Index No.	Skyjack Part No.	Qty.	Description
-	190288	1	HARNESS, BOOM LIGHTS HARNESS
1	124036	2	CONNECTOR, 2F W/P
2	156106	1	CONNECTOR ,1M W/P
3	156116	2	TERMINAL, Male sealed (3.0-2.0 mm2), W/P
4	156137	4	TERMINAL, Female sealed (2.0-1.0 mm2), W/P
5	156147	2	WIRE, Seal gray (3.5-2.8 mm), 280 M/P
6	124369	4	WIRE, Seal green (2.2.0 mm), 280 M/P
7	108172	1	TERMINAL, 3/8" Ring vinyl-ins yellow (12-10AWG)

 **Notes**

10.3 Work Lights

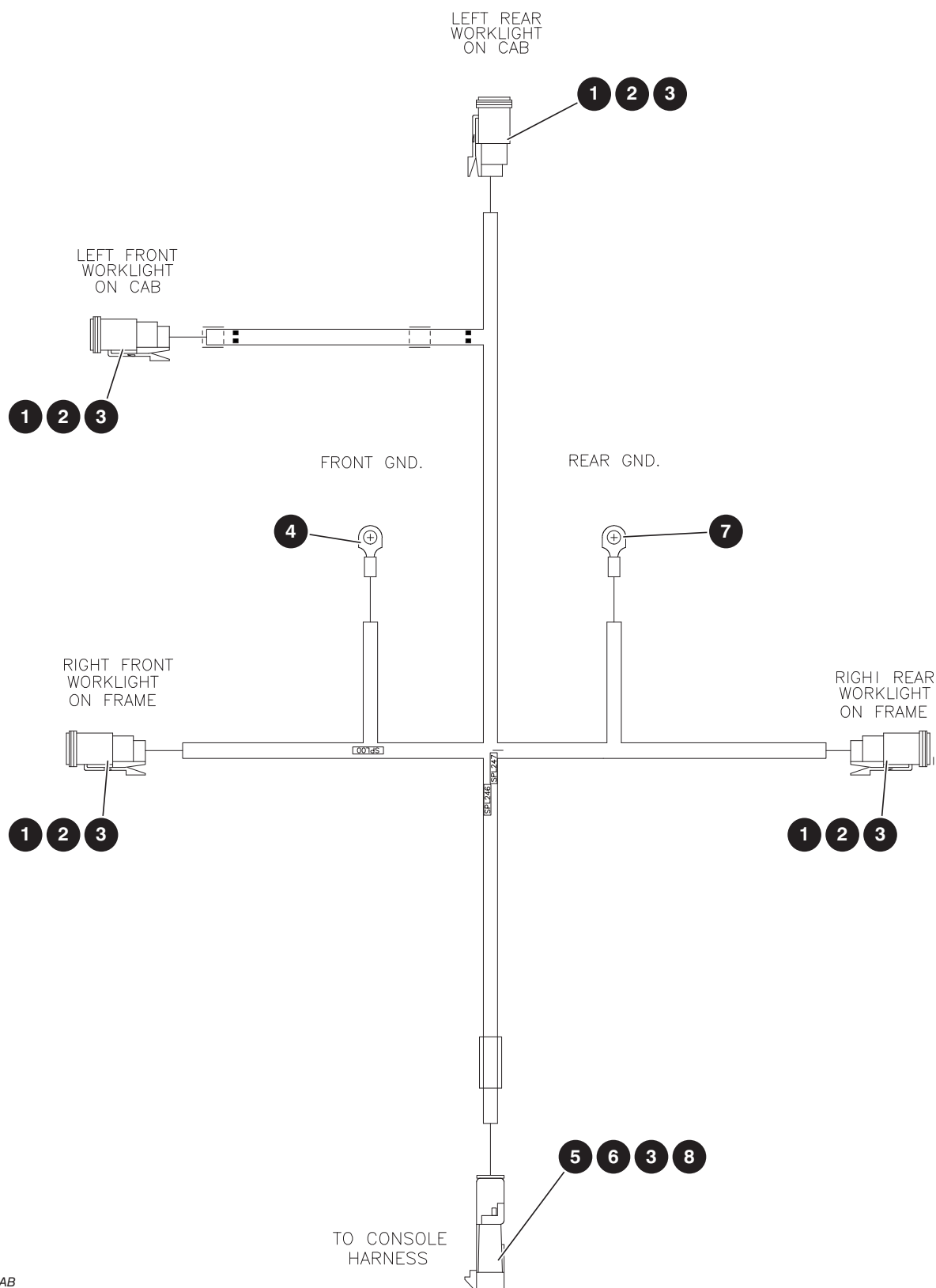


M191603AB-2

10.3 Work Lights

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

10.4 Work Lights Harness

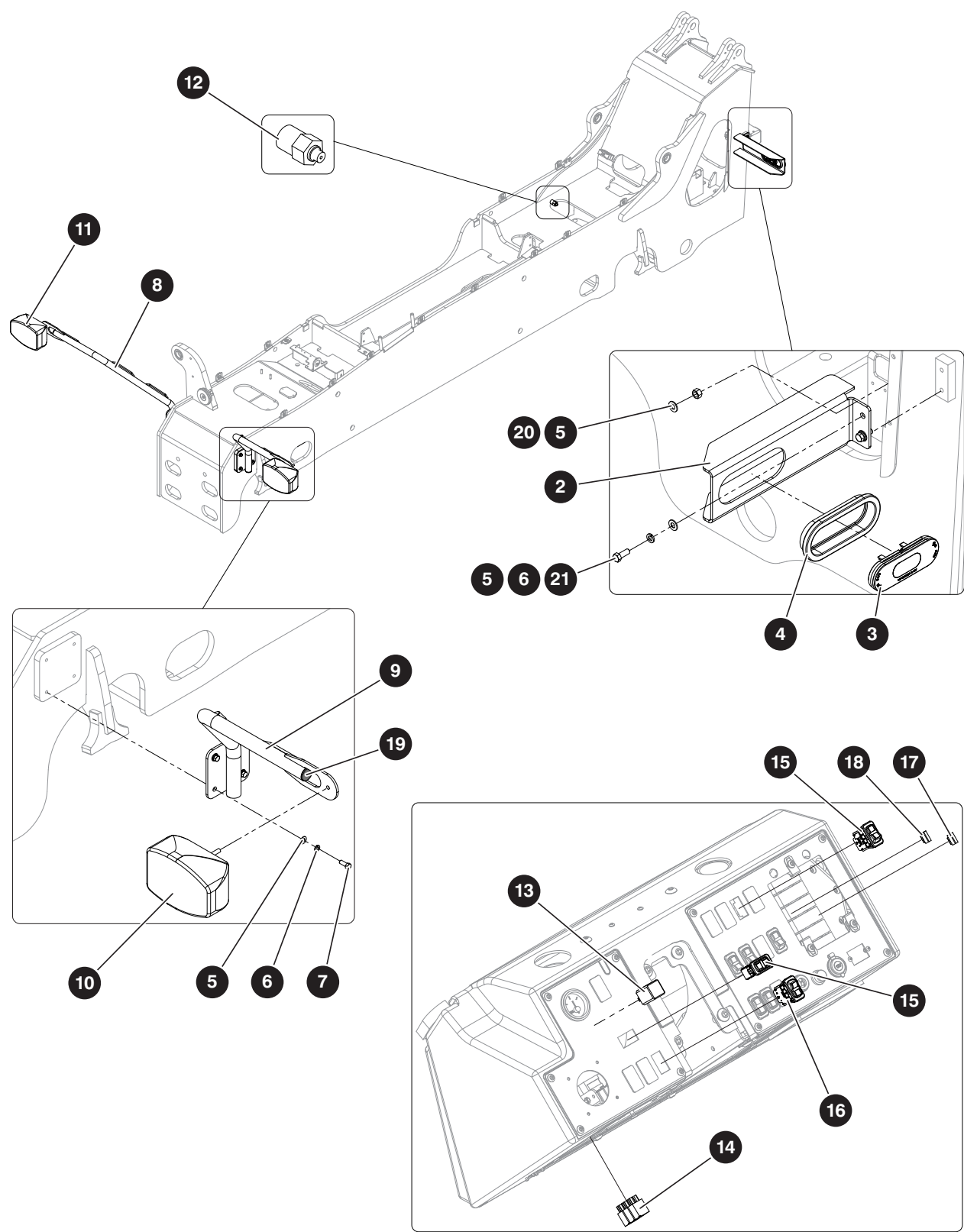


M190231AB

10.4 Work Lights Harness

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

10.5 Road Lights

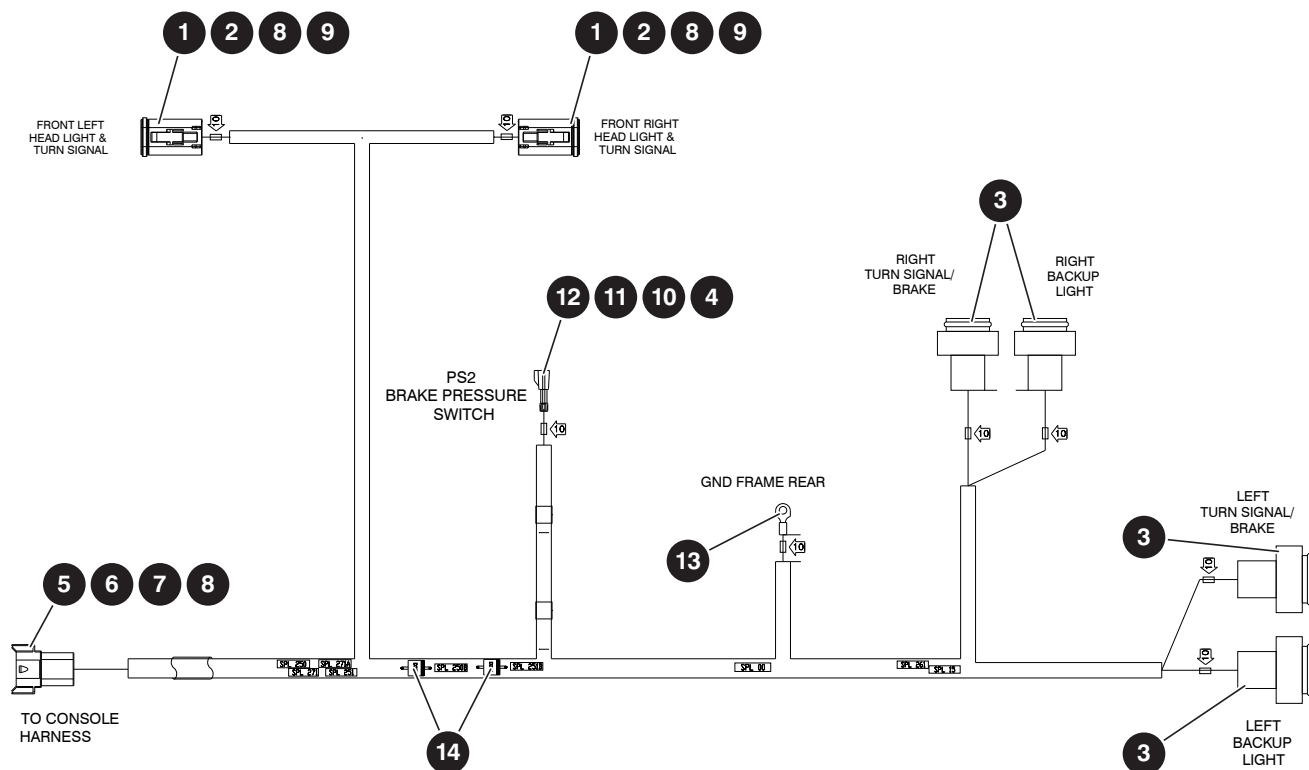


M190090AC

10.5 Road Lights

Index No.	Skyjack Part No.	Qty.	Description
-	197105	1	ASSEMBLY, ROAD LIGHTS GROUP
1	(Ref.)	1	HARNES, Road light front & rear (Not Shown) (For components, refer to Section 10.6)
2	191488	2	BRACKET, Road light mount
3	190578	2	LIGHT, Stop / tail / turn / backup
4	191758	2	GROMMET, Oval lamp
5	103472	13	WASHER, Flat 3/8" SAE
6	103999	12	WASHER, Lock 3/8"
7	103473	8	BOLT, Hex head 3/8"-16 x 1" grade 5
8	196304	1	WELDMENT, Roadlight RH
9	196213	1	WELDMENT, Roadlight LH
10	190596	1	LIGHTS, Road front LH
11	196380	1	LIGHTS, Road front RH
12	927724	1	SWITCH, Brake light
13	925386	1	FLASHER
14	233301	3	RELAY
15	191457	2	SWITCH, 4 Wheel/crab-turn-work light
16	191455	1	SWITCH, Boomlight-haz-posi
17	156202	1	FUSE, 5A
18	156204	1	FUSE, 15A
19	191903	4	PLUG, Plastic 1-1/4" tube ID
20	104606	1	NUT, Lock with nylon insert 3/8"-16 Grade 5
21	101632	4	BOLT, Hex head 3/8"-16 x 3/4" Grade 5
22	197106	1	INSTRUCTIONS, Road lights installation (not shown)

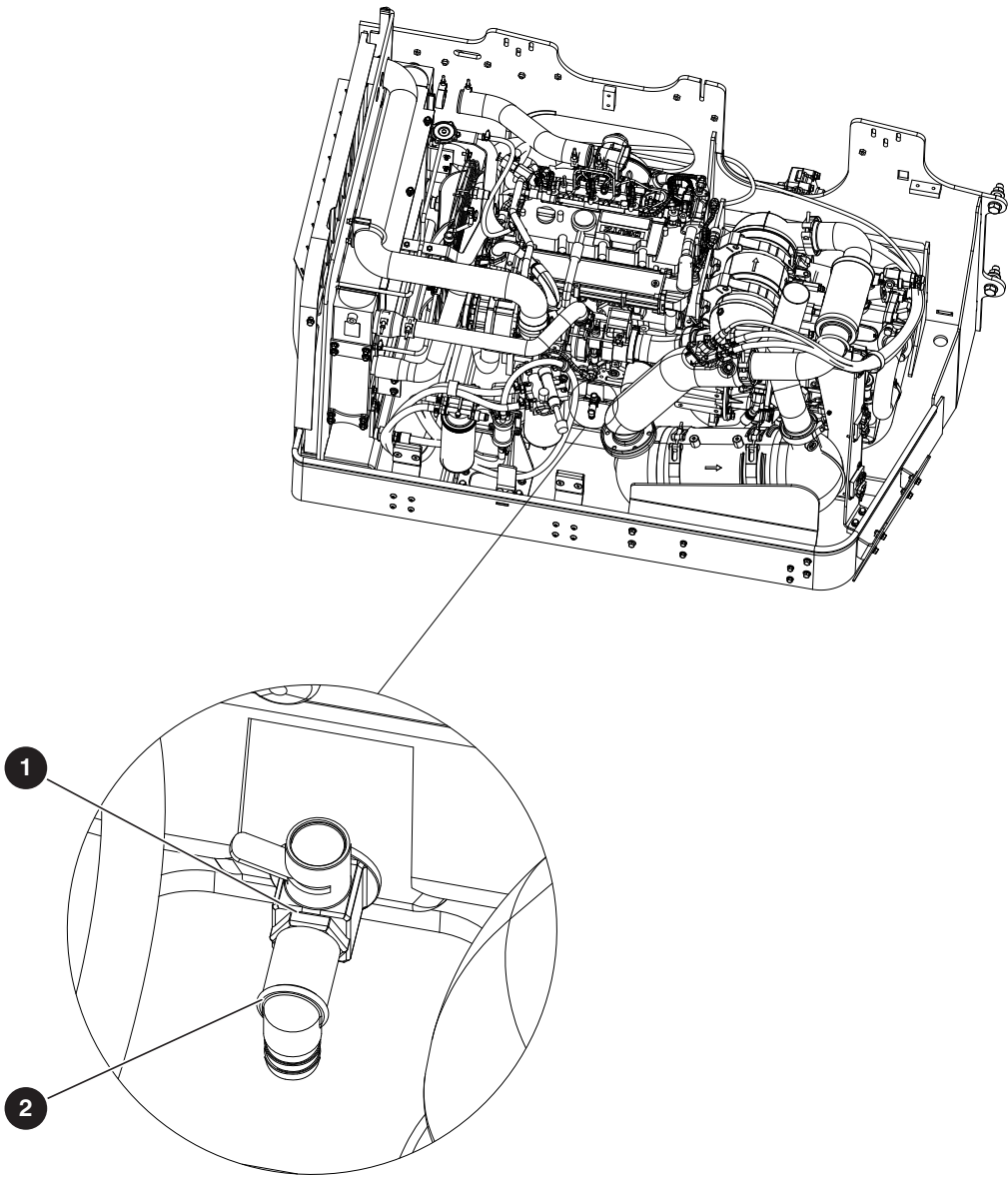
10.6 Road Lights Harness



M190595AA

Index No.	Skyjack Part No.	Qty.	Description
-	190595	1	HARNES, ROAD LIGHT FRONT & REAR
1	156180	2	CONNECTOR, 6F DT
2	156194	2	WEDGE, Plug
3	170479	4	ADAPTER, Plug
4	156120	2	TERMINAL, Male (1.0-0.8 mm2), 280 M/P
5	117586	1	CONNECTOR, Receptacle 12-pin
6	117588	1	CONNECTOR, Receptacle 12-pin wedge
7	117590	9	CONNECTOR, Contact pin 16-18
8	117594	7	SEALING, Plug
9	117591	8	SOCKET (16-18 AWG), Solid
10	156144	1	CONNECTOR, 2m 280 M/P
11	156145	1	TPA, 2W 280 M/P
12	124369	2	WIRE SEAL, Green (2.2.0 mm), 280 M/P
13	108172	1	TERMINAL, 3/8" ring (12-10 AWG)

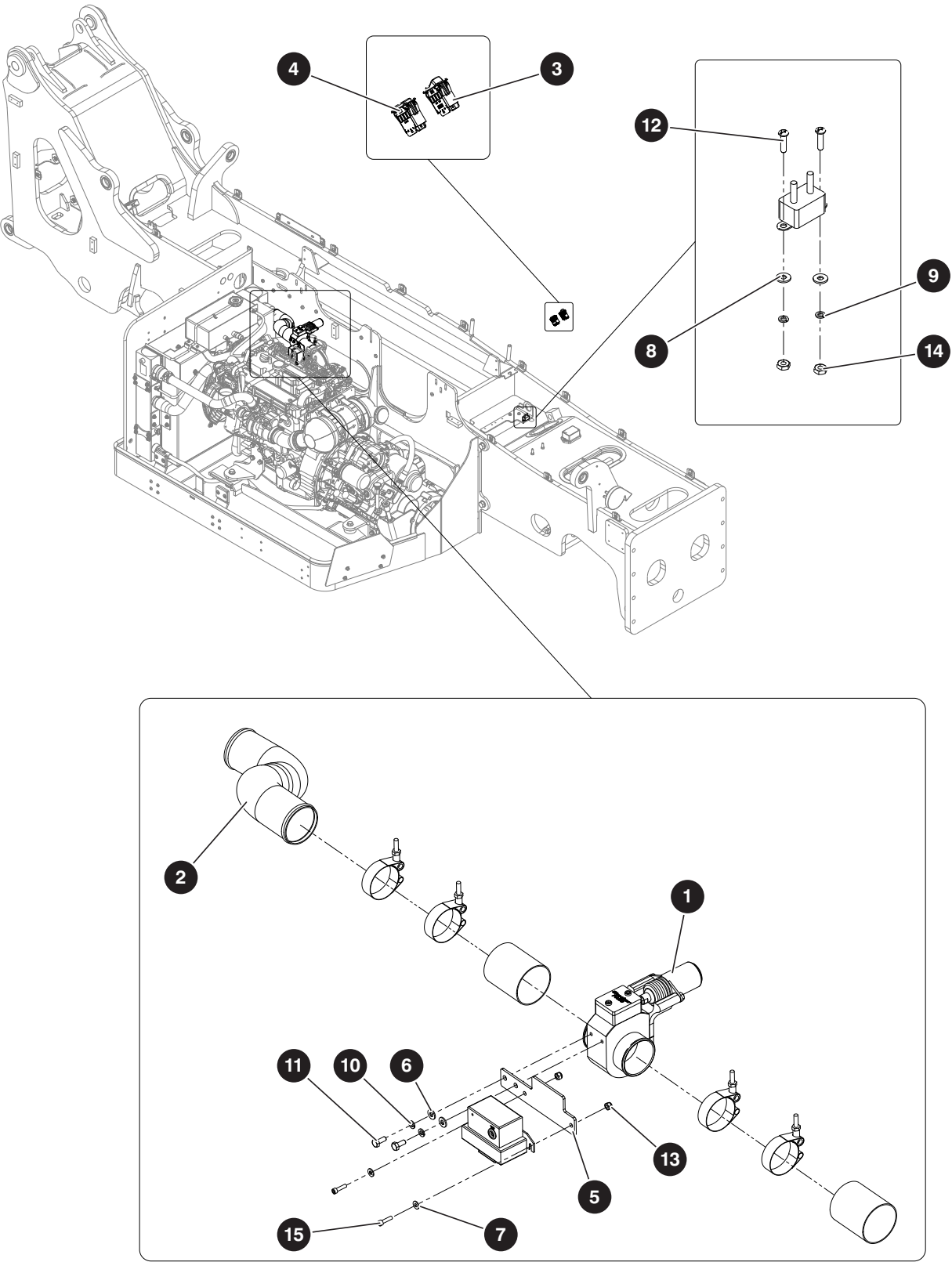
10.7 Oil Quick Drain



M169469AA-2-1

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

10.8 Air Intake Shut Off

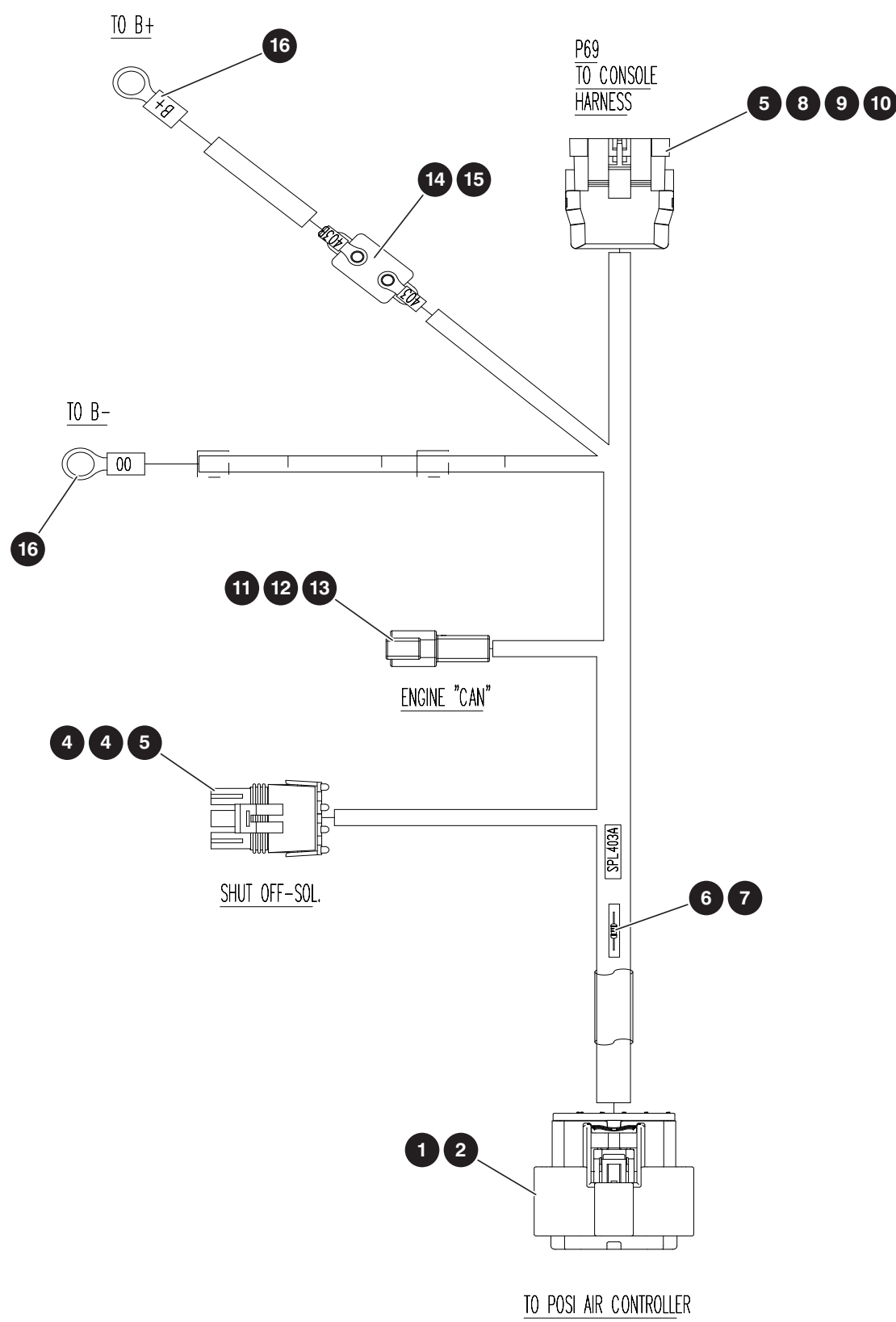


M199063AB

10.8 Air Intake Shut Off

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

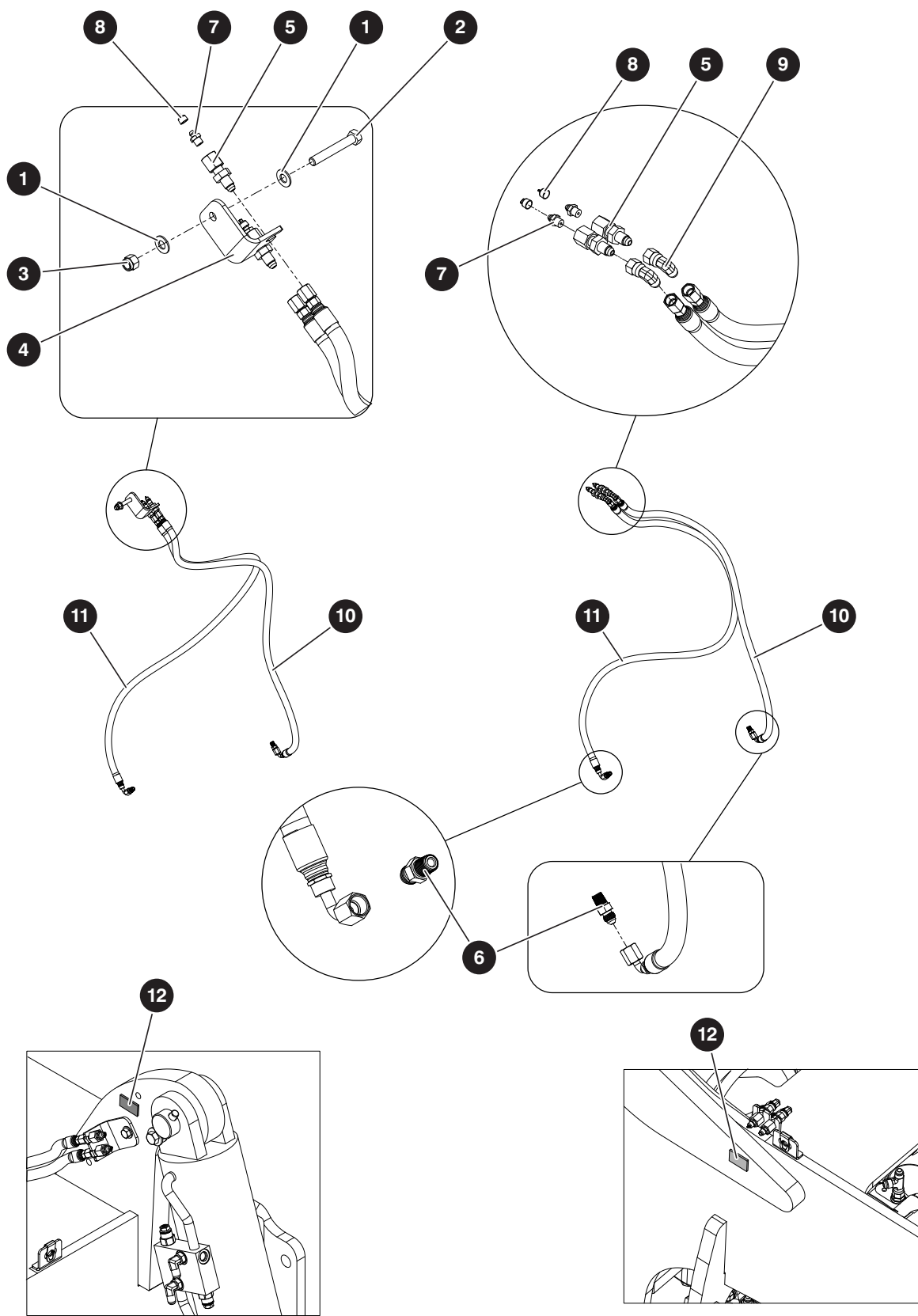


M191820AB

10.9 Air Intake Shut Off Harness

Index No.	Skyjack Part No.	Qty.	Description
-	191820	1	HARNESS, POSITIVE AIR SHUTOFF
1	171900	1	• CONNECTOR, Plug 10-way
2	171901	8	• TERMINAL, Female crimp
3	156114	1	• CONNECTOR, 3F W/P
4	156137	3	• TERMINAL, Female sealed (2.0-1.0MM2) W/P
5	124369	5	• WIRE SEAL W-P
6	143952	1	• RESISTOR, 50 ohm 2 watt axial lead
7	103367	1.5	• HEATSHRINK, 1/4 dia polyolefin
8	156139	2	• TERMINAL, Male sealed (2.0-1.0 mm2), W/P
9	156107	1	• CONNECTOR, 4M, W/P
10	156104	2	• PLUG CAVITY 1W, M/P 280 & W/P
11	117590	2	• CONNECTOR, Pin
12	117598	1	• CONNECTOR, W2P 2 pin wedge
13	117596	1	• CONNECOTR, Receptacle 2 pin
14	171899	1	• BREAKER, Auto reset 20 amp
15	102936	2	• TERMINAL, 14-16GA*#10 ring blue
16	156219	4	• TERMINAL, M8 ring (5.0 mm ²)

10.10 Remote Axle Grease

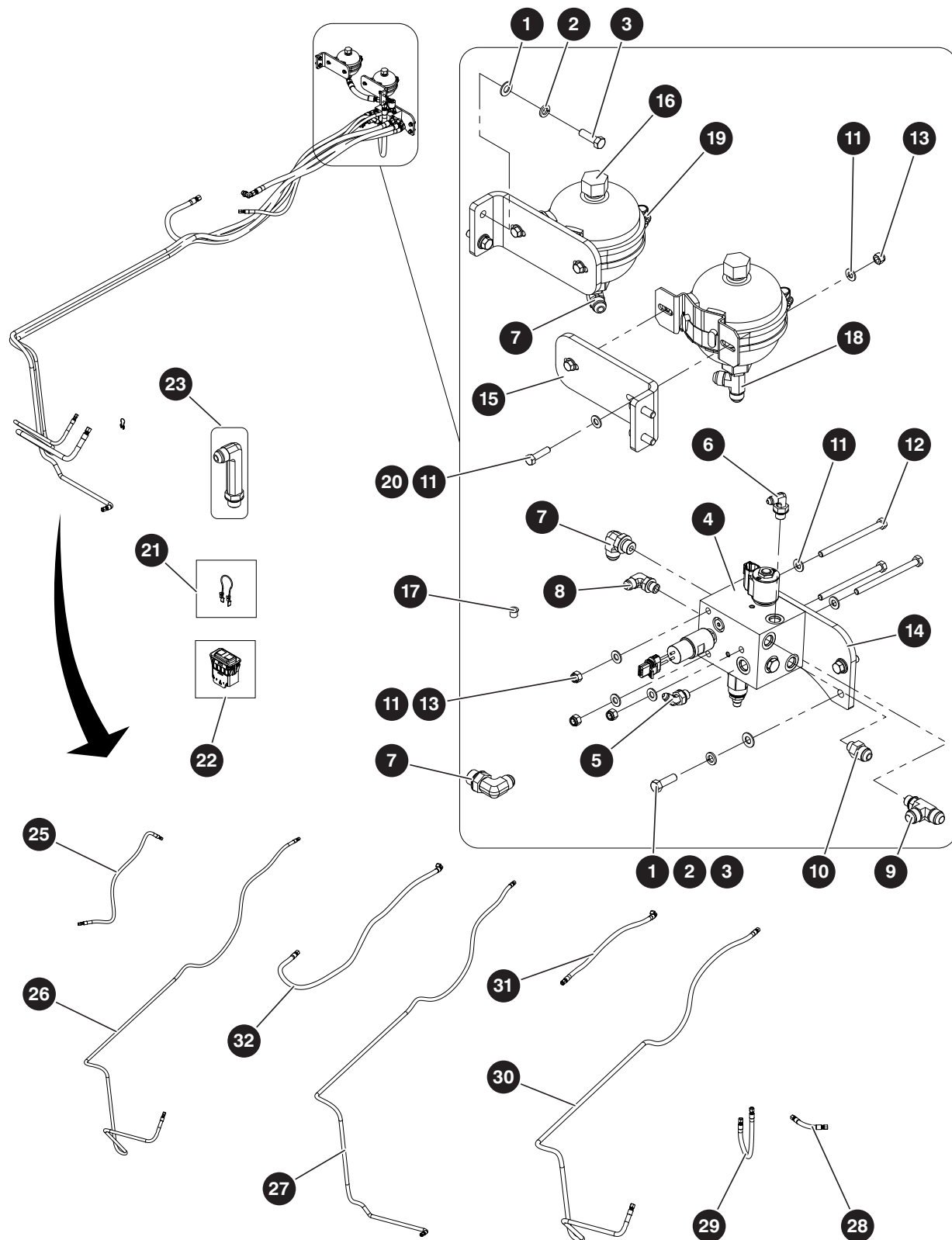


M191730AC

10.10 Remote Axle Grease

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

10.11 Reserve Brake



M190115AD

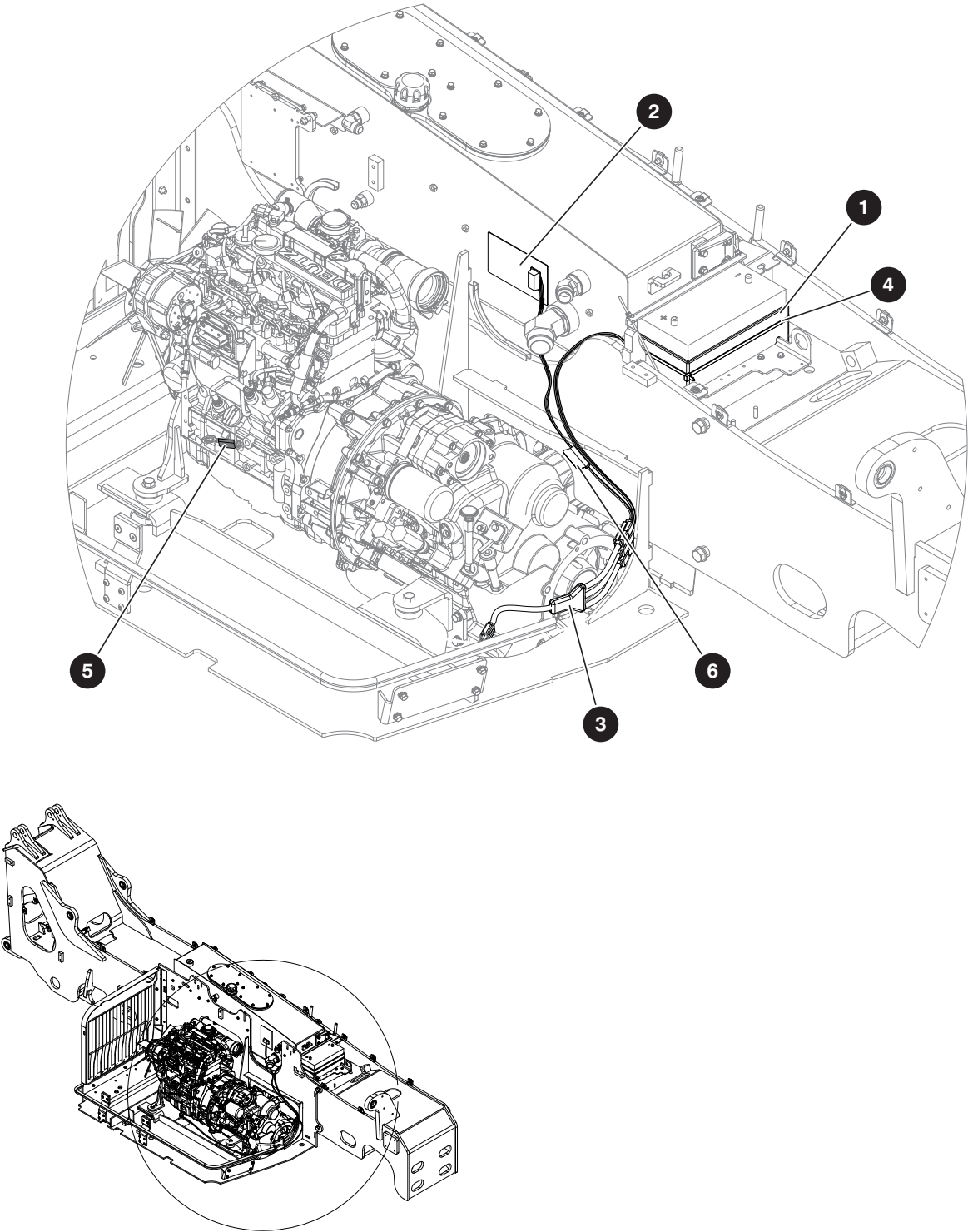
10.11 Reserve Brake

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

Index No.	Skyjack Part No.	Qty.	Description
24	197114	1	• INSTRUCTIONS, Reserve Brake Installation

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	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
SJ1256 THS SKYJACK					205154AH 309

10.12 Cold Weather Package

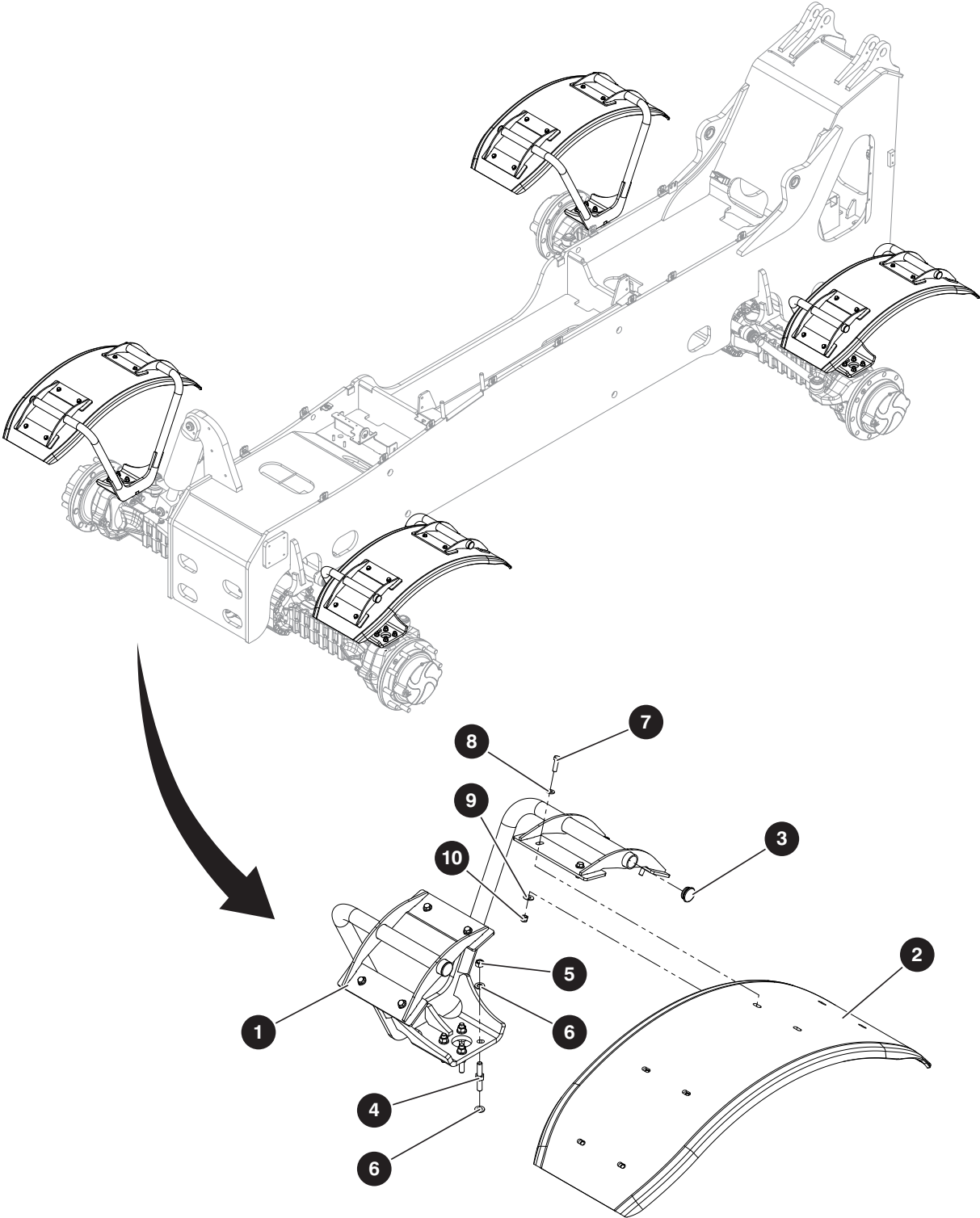


M191871AC

10.12 Cold Weather Package

Index No.	Skyjack Part No.	Qty.	Description
-	205772	1	COLD WEATHER SUBGROUP, 107 HP
1	703290	1	• BLANKET - Battery
2	164762	1	• PAD HEATER - 500W
3	159888	1	• CORD, (12/3AWG 15A x 2' LONG)
4	144727	2	• TIE WRAP, Cable 43.3" black
5	144635	1	• LABEL - Arctic engine oil
6	144632	1	• LABEL - Hydraulic oil heater/bat warmer
7	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

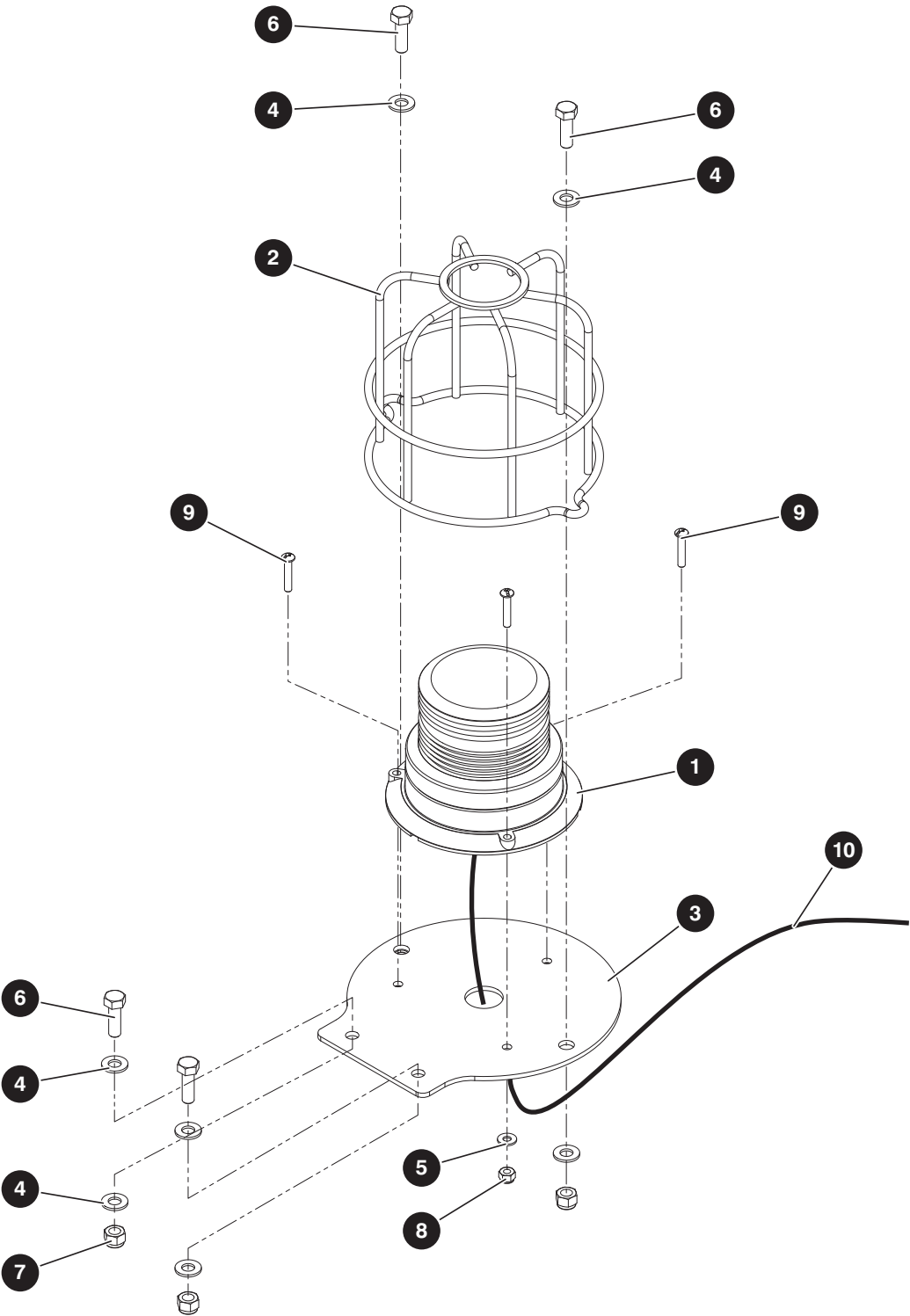


M190112AB

10.13 4 Wheel Fender

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

10.14 Beacon Light Assembly

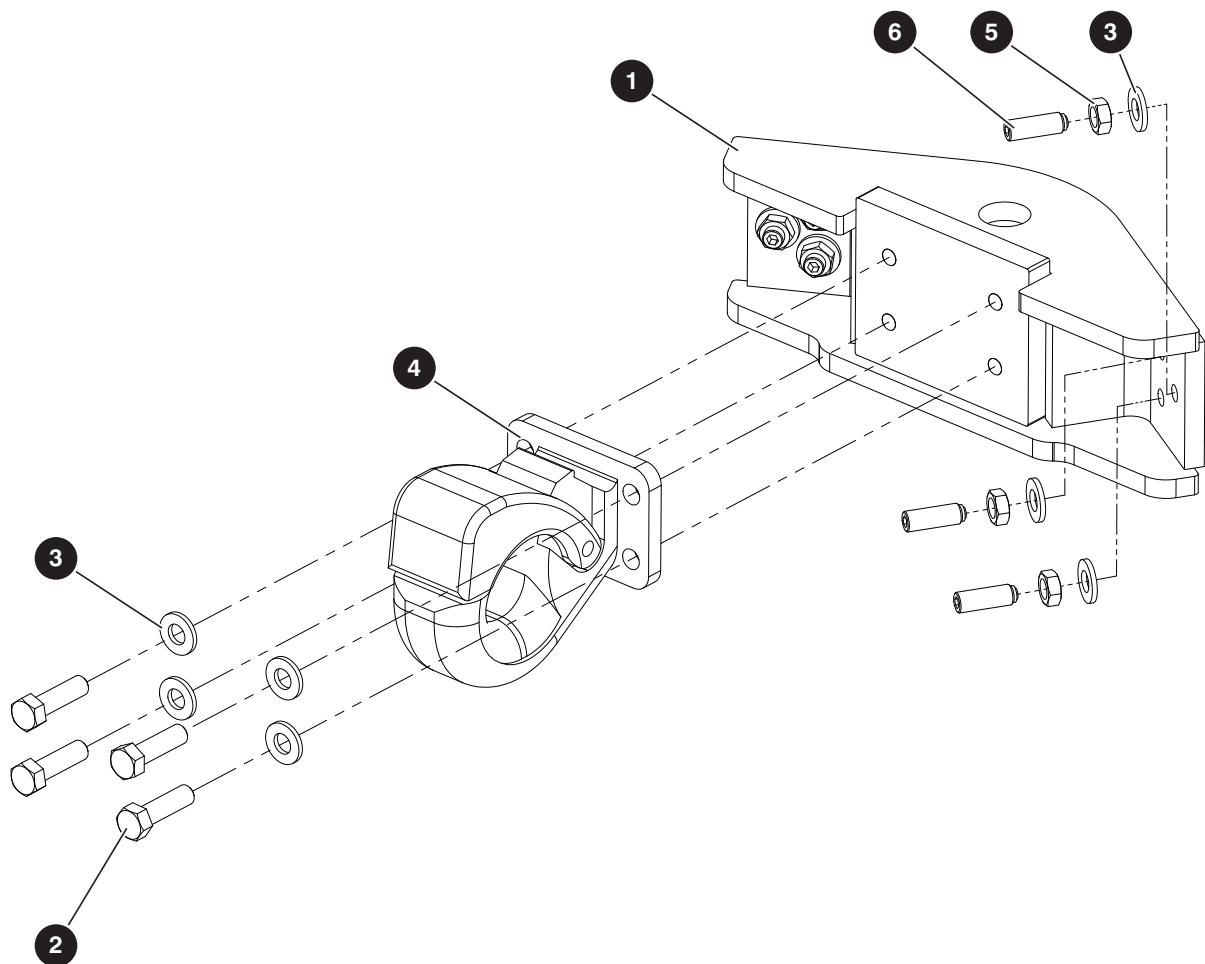


M191602AA

10.14 Beacon Light Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	199050	1	ASSEMBLY, AMBER FLASHING LIGHT
1	144078	1	• ASSEMBLY, Flashing amber light
2	934724	1	• CAGE, Strobe light
3	191453	1	• PLATE, Beacon mount
4	103996	8	• WASHER, Flat 5/16" SAE
5	104694	3	• WASHER, Flat #10
6	103864	4	• BOLT, Hex head 5/16"-18 X 1" Gr. 5
7	103984	4	• NUT, Lock with nylon insert 5/16"-18 Gr. 5
8	300450	3	• NUT, Lock with nylon insert 10-32 Gr. 5
9	105621	3	• SCREW, Round head machine 10-32 X 1"
10	191613	1	• HARNESS, Beacon light
11	199049	1	• INSTRUCTIONS, Flashing Light installation

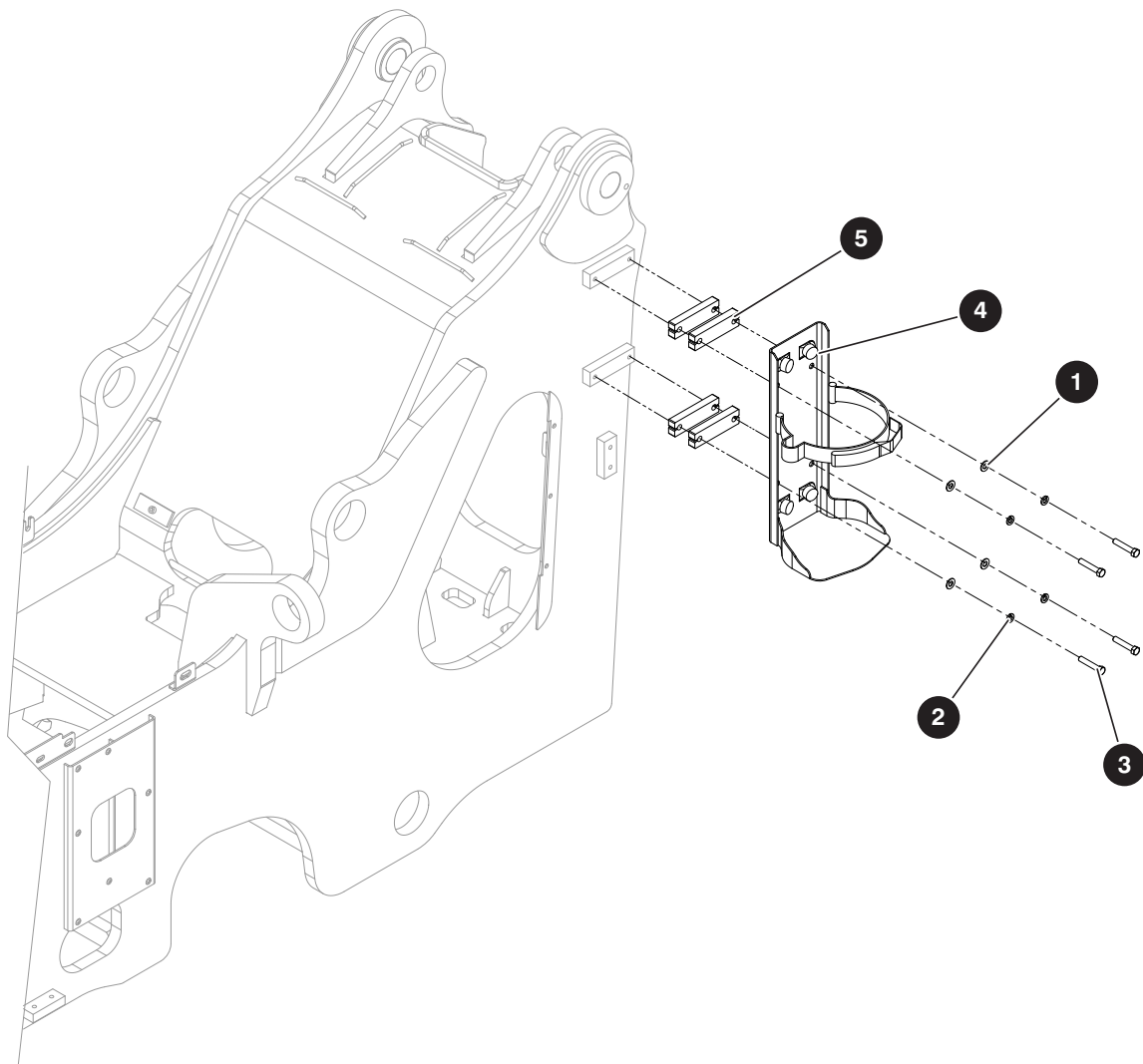
10.15 Pintle Hook



M191760AA

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

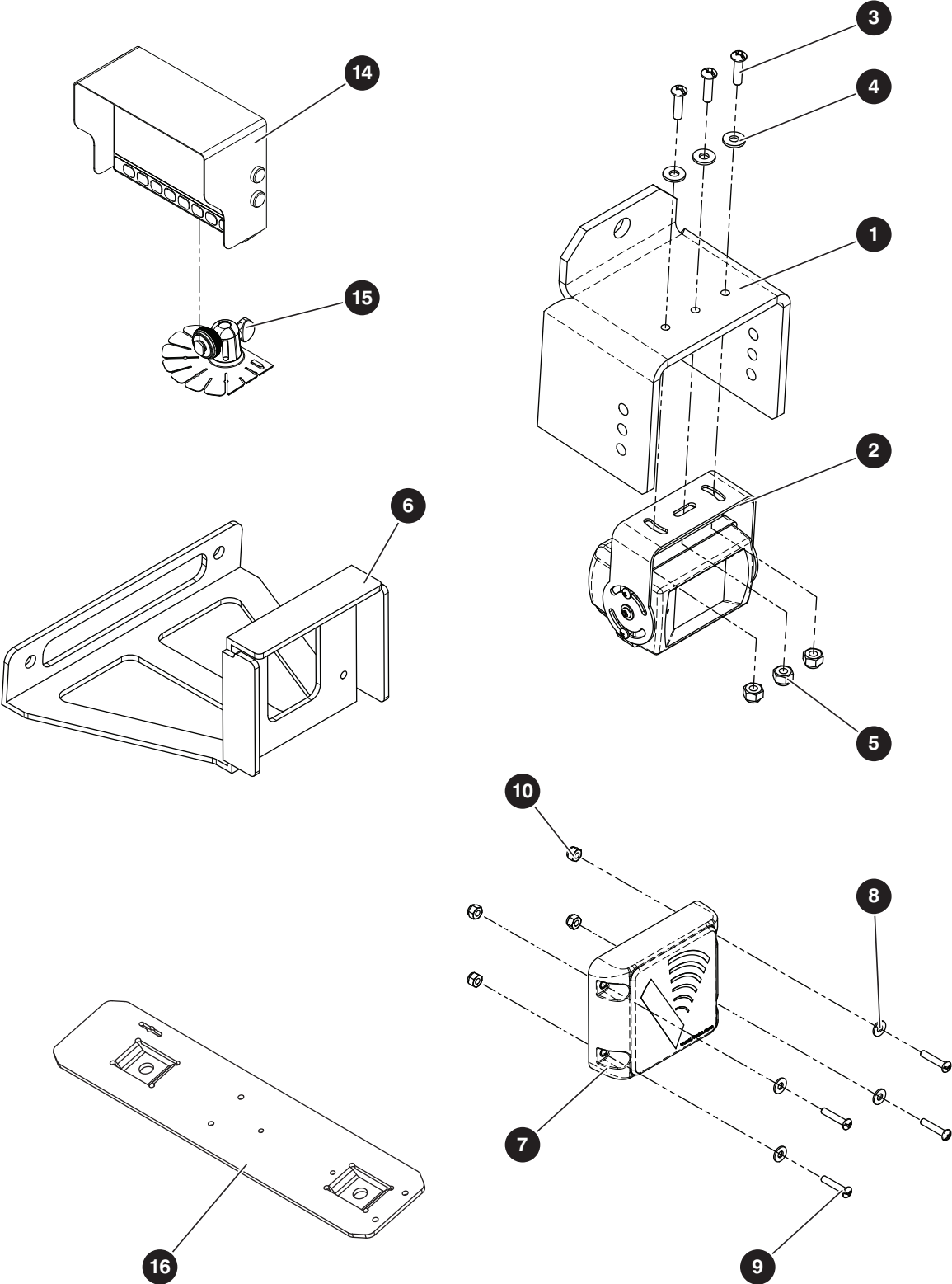
10.16 Fire Extinguisher



M204053AA

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

10.17 Backup Camera and Sensor

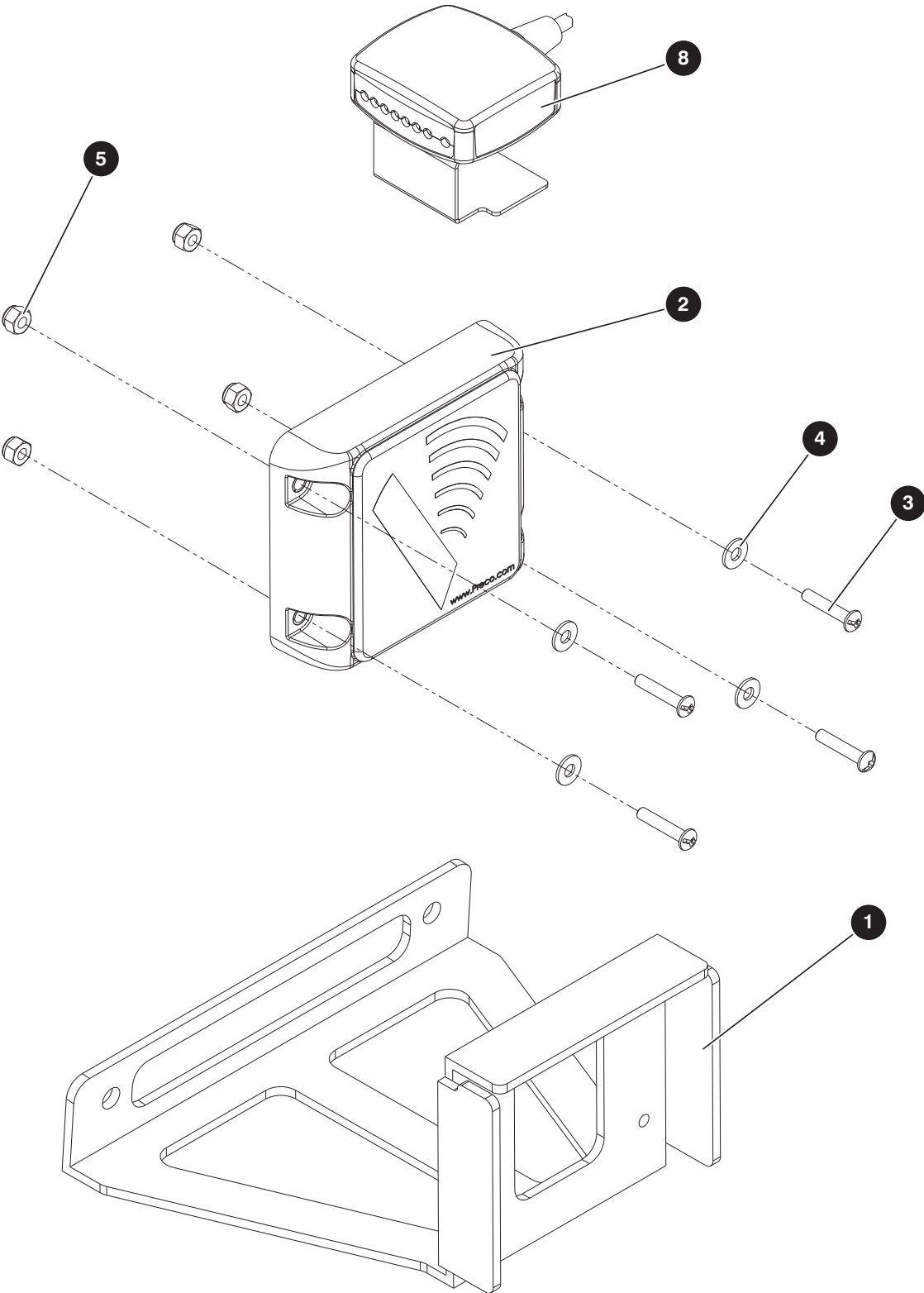


M205784AA

10.17 Backup Camera and Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	205784	1	KIT, BACK UP CAMERA AND SENSOR
1	211855	1	• BRACKET, Rear view camera
2	212196	1	• CAMERA, Back up
3	116192	3	• SCREW, Round head machine 8-32 x 5/8"
4	103991	3	• WASHER, Flat #8
5	207240	3	• NUT, Lock with nylon insert 8-32 Gr. 5
6	211669	1	• BRACKET, Reverse warning device
7	211708	1	• SENSOR, Back up sentry
8	151155	4	• SCREW, Round head machine 10-24 x 1"
9	104694	4	• WASHER, Flat #10
10	126642	4	• NUT, Lock with nylon insert 10-24 Gr. 5
11	211700	1	• CABLE, Back up camera (Not Shown)
12	211746	1	• HARNESS, Back up sensor (Not Shown)
13	211672	1	• HARNESS, Reverse warning sys. th (Not Shown)
14	211707	1	• DISPLAY, Back up camera
15	212195	1	• STAND, Monitor - modified
16	206137	1	• MOUNT, Telematics and monitor
17	114595	1	• TERMINAL, Female 18-22 awg red (Not Shown)
18	111354	1	• WIRE PROTECTOR (Not Shown)
19	205786	1	• INSTRUCTION, Back up camera & sensor (Not Shown)

10.18 Back up Sensor

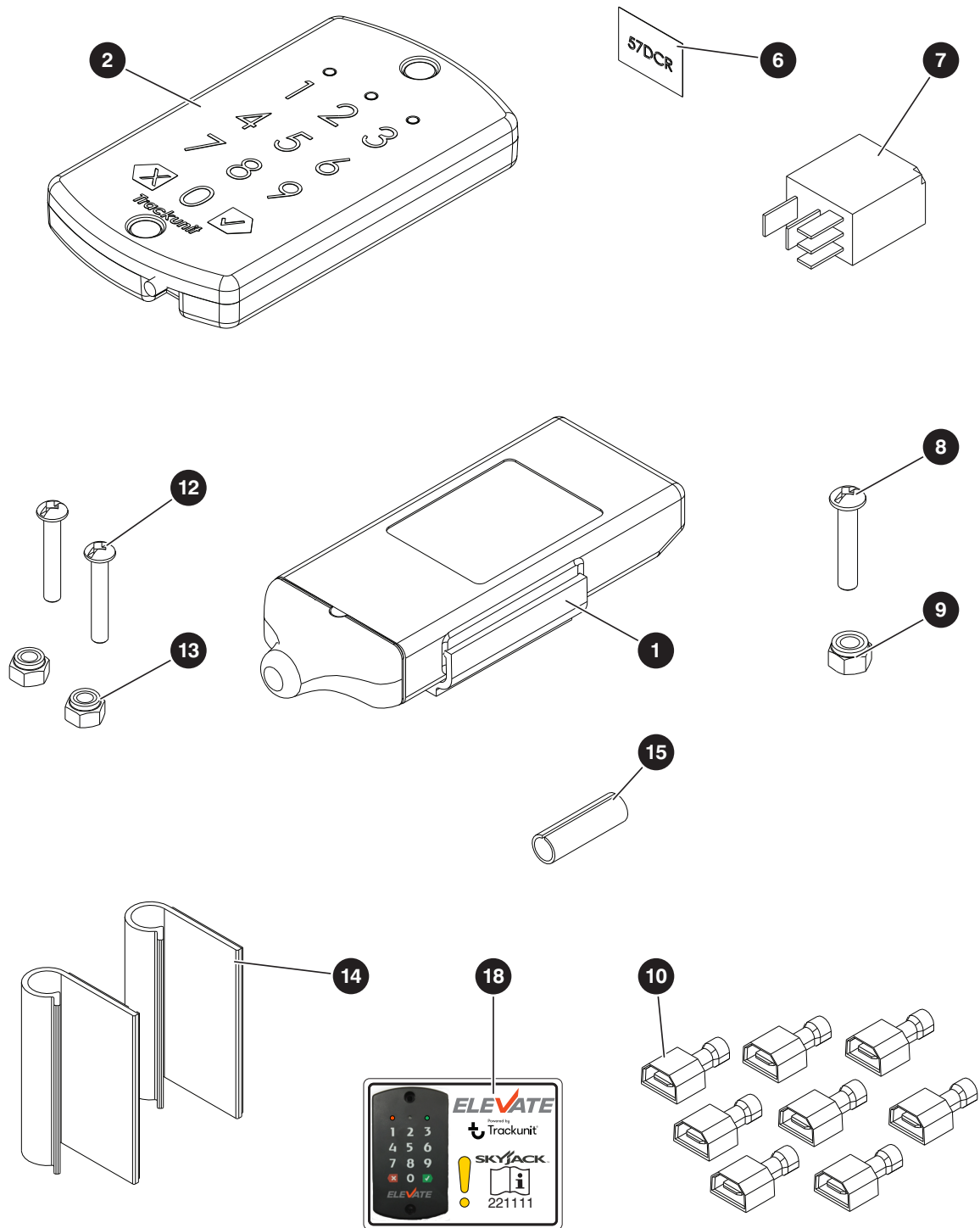


205785AA

10.18 Back up Sensor

Index No.	Skyjack Part No.	Qty.	Description
-	205785	1	KIT, BACK UP SENSOR
1	211669	1	• BRACKET, Reverse warning device
2	211708	1	• SENSOR, Back up sentry
3	151155	4	• SCREW, Round head machine 10-24 x 1"
4	104694	4	• WASHER, Flat #10
5	126642	4	• NUT, Lock with nylon insert 10-24 Gr. 5
6	211746	1	• HARNESS, back up sensor (Not Shown)
7	211672	1	• HARNESS, Reverse warning sys. TH (Not Shown)
8	211695	1	• DETECTOR, Reverse warning
9	205787	1	• INSTRUCTION, Back up sensor installation (Not Shown)

10.19 Elevate Telematic

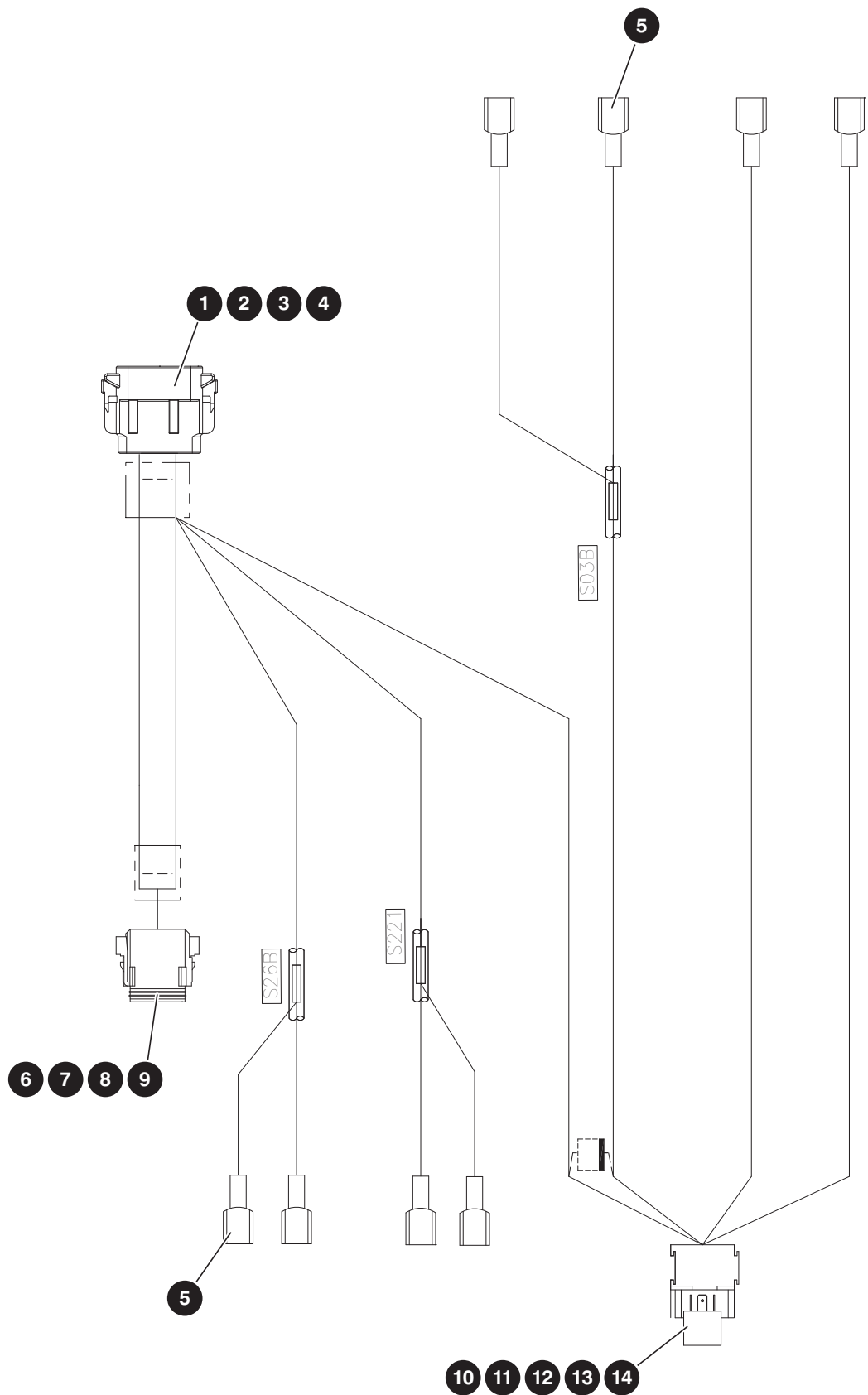


M221463AB

10.19 Elevate Telematic

Index No.	Skyjack Part No.	Qty.	Description
A	221475	1	SERVICE KIT, Trackunit rework TH
B	221476	1	SERVICE KIT, Trackunit telehandler
C	221477	1	SERVICE KIT, Trackunit rework with keypad TH
D	221478	1	SERVICE KIT, Trackunit with keypad TH
1	213098	1	TELEMATICS, Elevate ME501-4
-	199296	1	COVER, Track Unit
-	199297	1	BRACKET, Track Unit
-	199298	1	BATTERY, Track Unit
-	199299	1	CABLE, Control Track Unit
2	213099	1	TELEMATICS, Elevate Keypad - C, D
3	221451	1	HARNESS, Telematics TH
4	221453	1	WIRE ASM, CAN H - A, C
5	221454	1	WIRE ASM, CAN L - A, C
6	221150	1	LABEL, 57DCR - A, C
7	233301	1	RELAY
8	105621	1	SCREW, RND HD MACHINE 10-32 x 1.000 - A, C
9	300450	1	NUT, LOCK 10-32 GR5 - NYL - A, C
10	105360	8	TERMINAL, MALE 14-16GA X 1/4 FULL INSL - A, C
11	208856	1.75	TAPE, VHB - 5952 - 1 INCH
12	112248	2	SCREW, RND HD MACHINE 8-32 x 1.000 - C, D
13	138765	2	NUT, LOCK 8-32 GR5 \ZINC - NYL - C, D
14	108791	2	CLIP, CORD ADHESIVE BACK - C, D
15	124399	26"	WIRE-PROTECTOR 1/4" 125-0140 BL - C, D
16	221464	1	INSTRUCTIONS, Elevate Telematics Installation
17	221111	1	OPERATING INSTRUCTIONS, Elevate Telematics - C, D
18	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
-	221451	1	ELEVATE TELEMATICS HARNESS
1	220611	1	• CONNECTOR, DEUTSCH DTM06-12S
2	220612	1	• CONNECTOR, DEUTSCH DTM06 WEDGE
3	220613	9	• CONNECTOR, CONTACT SOCKET NO.20
4	156152	3	• SEALING PLUG, DRC SERIES
5	105359	8	• TERMINAL FEMALE 14-16GA INSL.BLUE
6	117583	1	• CONNECTOR PLUG 8-PIN
7	117585	1	• CONNECTOR PLUG 8-PIN WEDGE
8	117591	6	• CONNECTOR - CONTACT SOCKET 16-18
9	117594	2	• CONNECTOR - SEALING PLUG
10	129258	1	• DIODE 1N4007
11	233301	1	• RELAY
12	156166	1	• SOCKET, RELAY
13	126808	2	• TERMINAL 14-08 GA 1/4 NON INSULATED
14	199144	2	• TERMINAL, 0.187 SRS FASTIN ON RCPT PH BR

 **Notes**

Section 11 – Labels

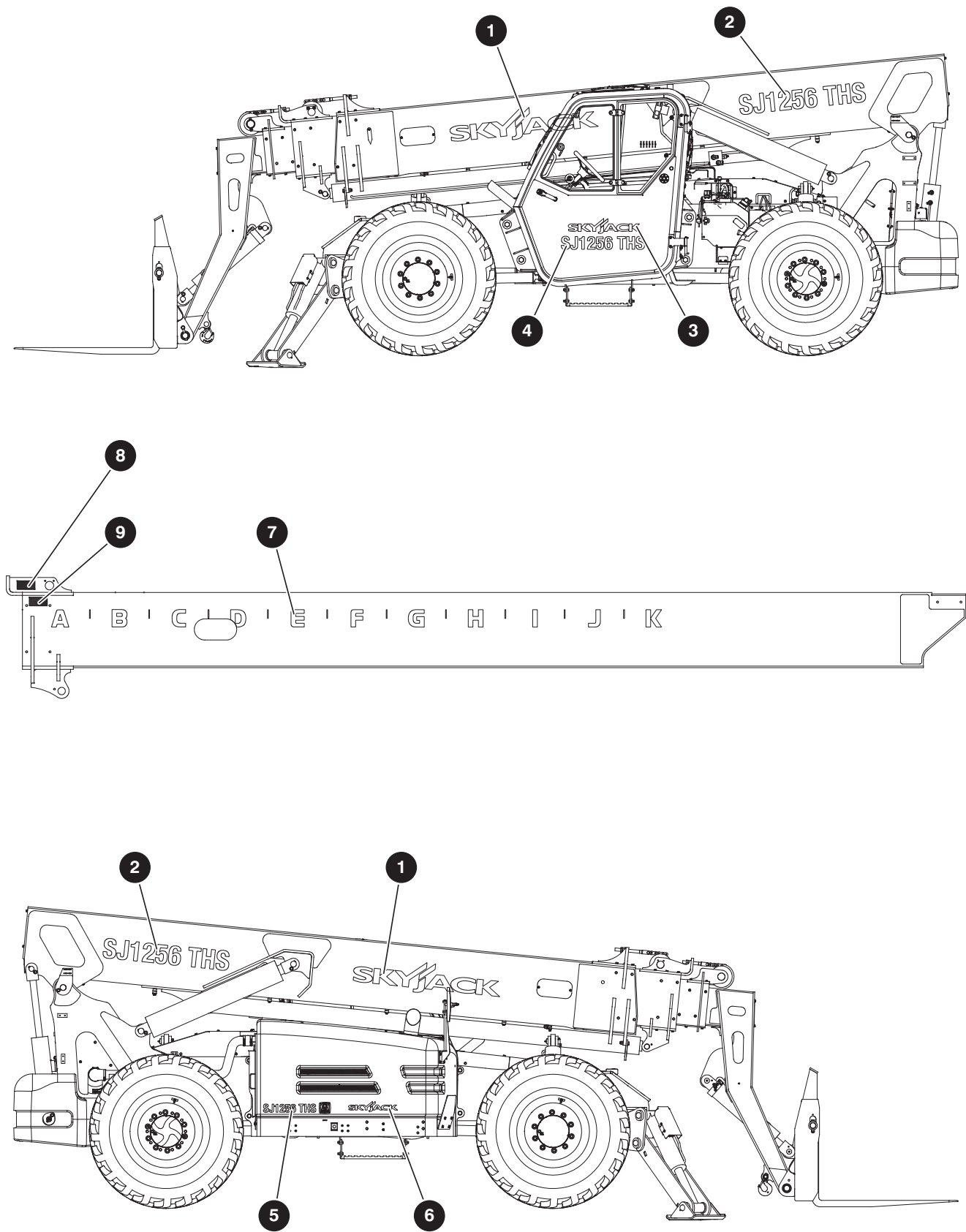
11.1 *Model Specific*

11.2 *Pictorial Group Labels*

11.3 *Cab Labels*

11.4 *Load Charts*

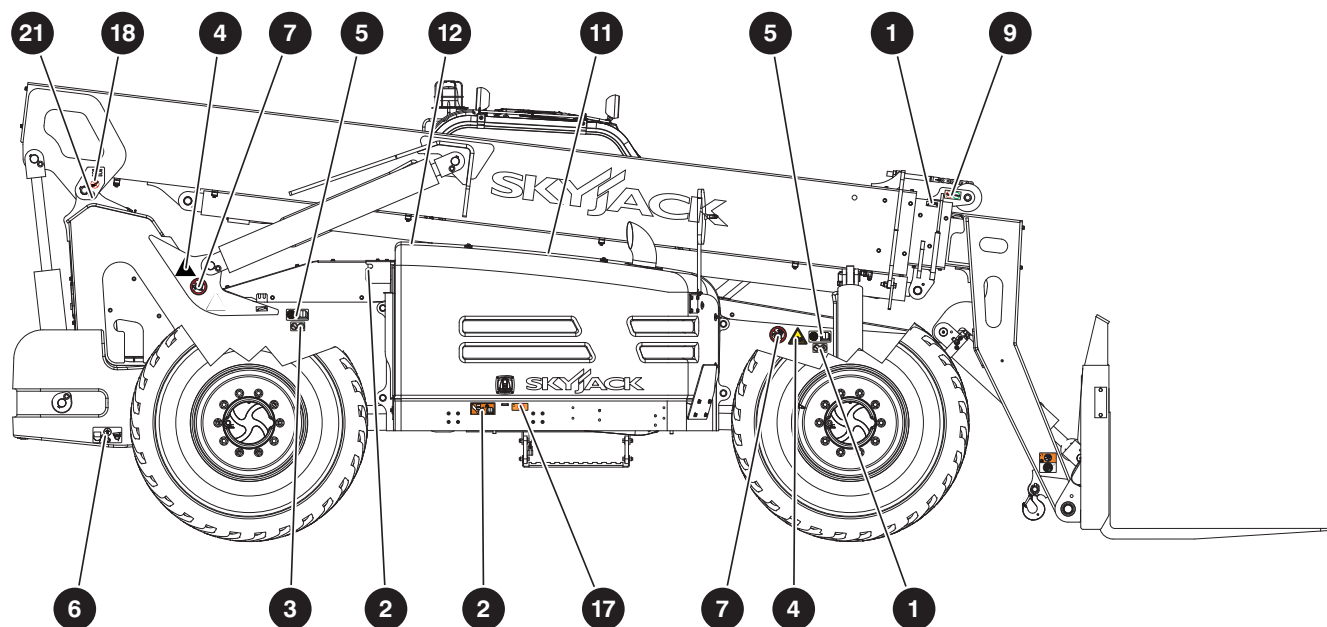
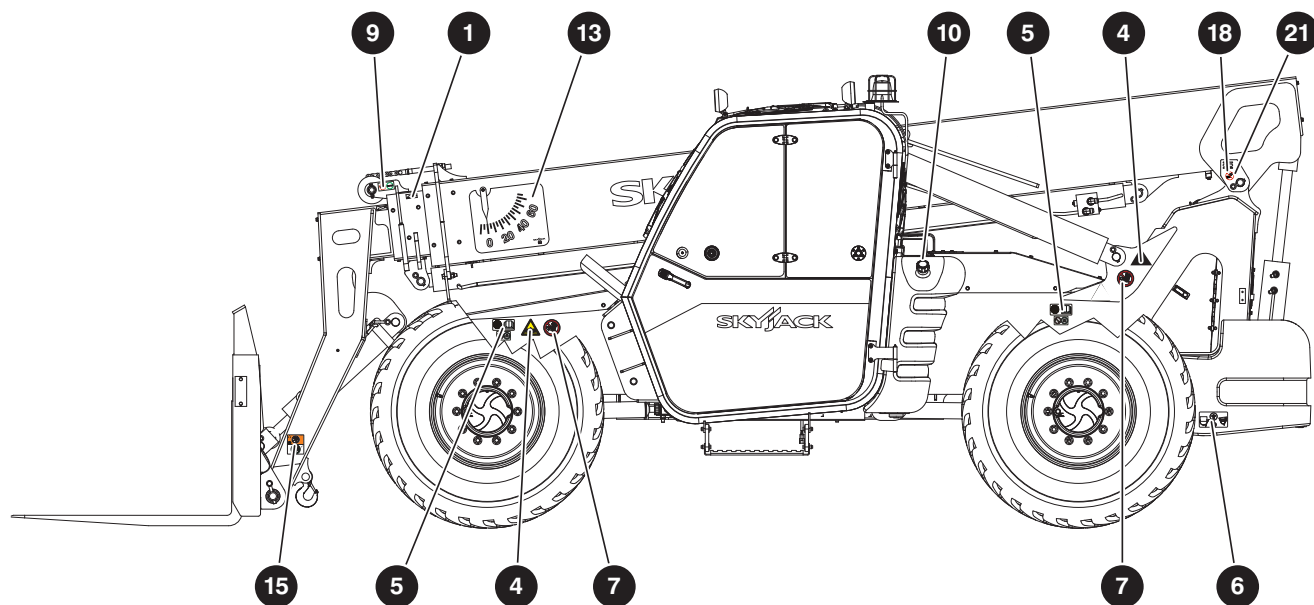
11.1 Model Specific



11.1 Model Specific

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

11.2 Pictorial Group Labels

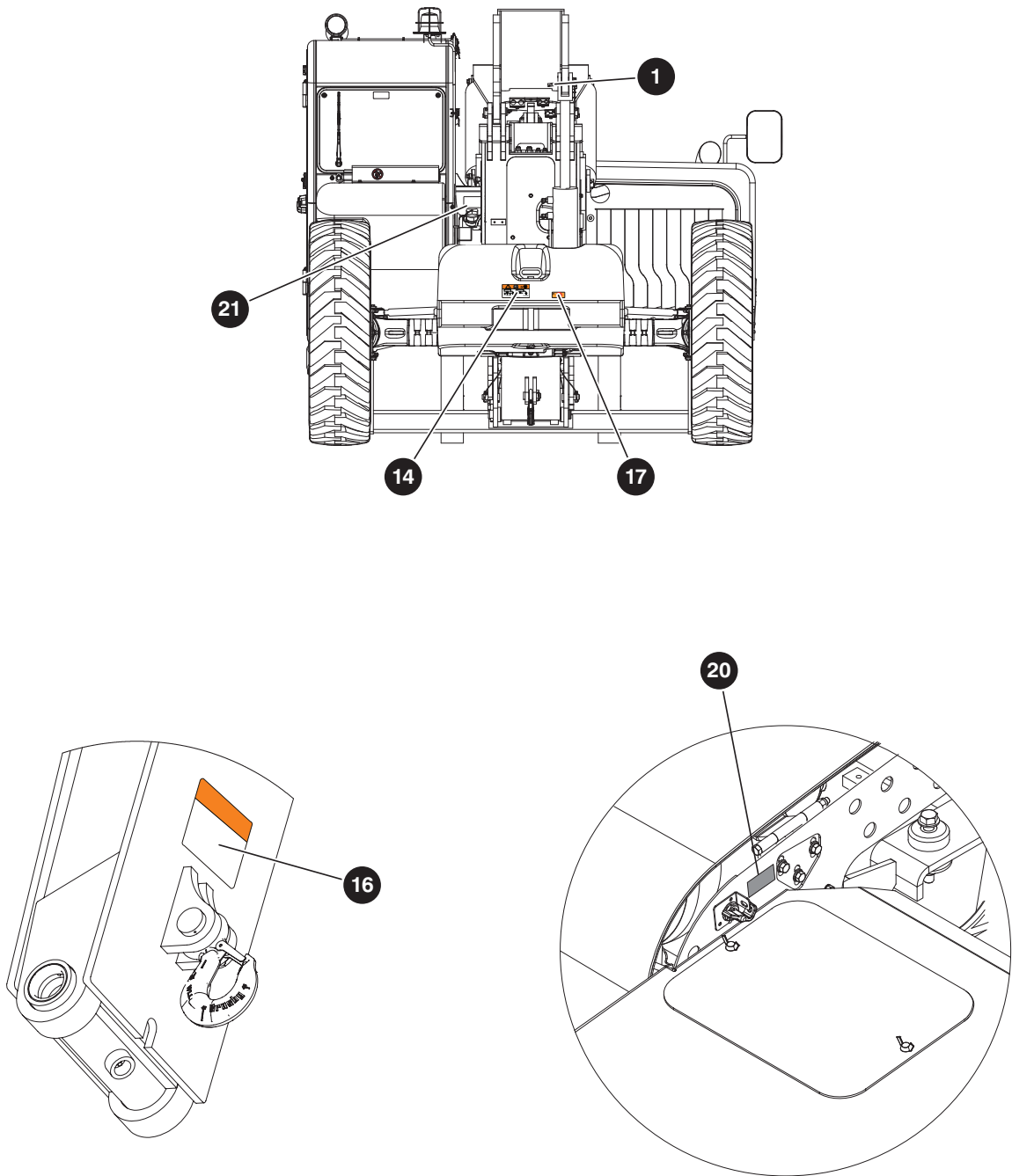


M190080_1_M190080_2

11.2 Pictorial Group Labels

Index No.	Skyjack Part No.	Qty.	Description
A	190077	1	LABEL GROUP, PICTORIAL TH (<i>for SN 87410753 and below</i>)
B	229082	1	LABEL GROUP, PICTORIAL TH (<i>for SN 87410754 and above</i>)
1	152230	6	• LABEL, Grease point
2	137988	1	• LABEL, Crush/pinch hazard pictorial
3	146016	1	• LABEL, Hydraulic oil level (min/max)
4	139314	4	• LABEL, Body crush pictorial
5	124631	4	• LABEL, Wheel info pictorial
6	157528	4	• LABEL, Lift point / tie down pictorial
7	139855	4	• LABEL, "Keep clear" pictorial
8	138146	1	• LABEL, No smoking pictorial
9	152237	2	• LABEL, Keep chains tight
10	162852	1	• LABEL, Diesel "ultra low sulfur only "
11	102961	1	• LABEL, ATF dexron III pictorial
12	163095	1	• LABEL, Caution coolant fill
13	196184	1	• LABEL, Boom angle indicator
14	195900	1	• LABEL, Towing capacity
15	195421	2	• LABEL, Fork pins warning
16	195422	1	• LABEL, Lifting hook
17	115543	2	• LABEL, No step
18	156613	2	• LABEL, Do not tamper with switch
19	(Ref).	1	• ASSEMBLY, Cab labels (For components, refer to Section 11.3)
20	212532	1	• LABEL, Main battery disconnect switch
21	173583	2	• LABEL, Do not grease
22	173202	4	• LABEL, Tip over hazard - B
23	172501	1	LABEL, DEF Tank

11.2 Pictorial Group Labels

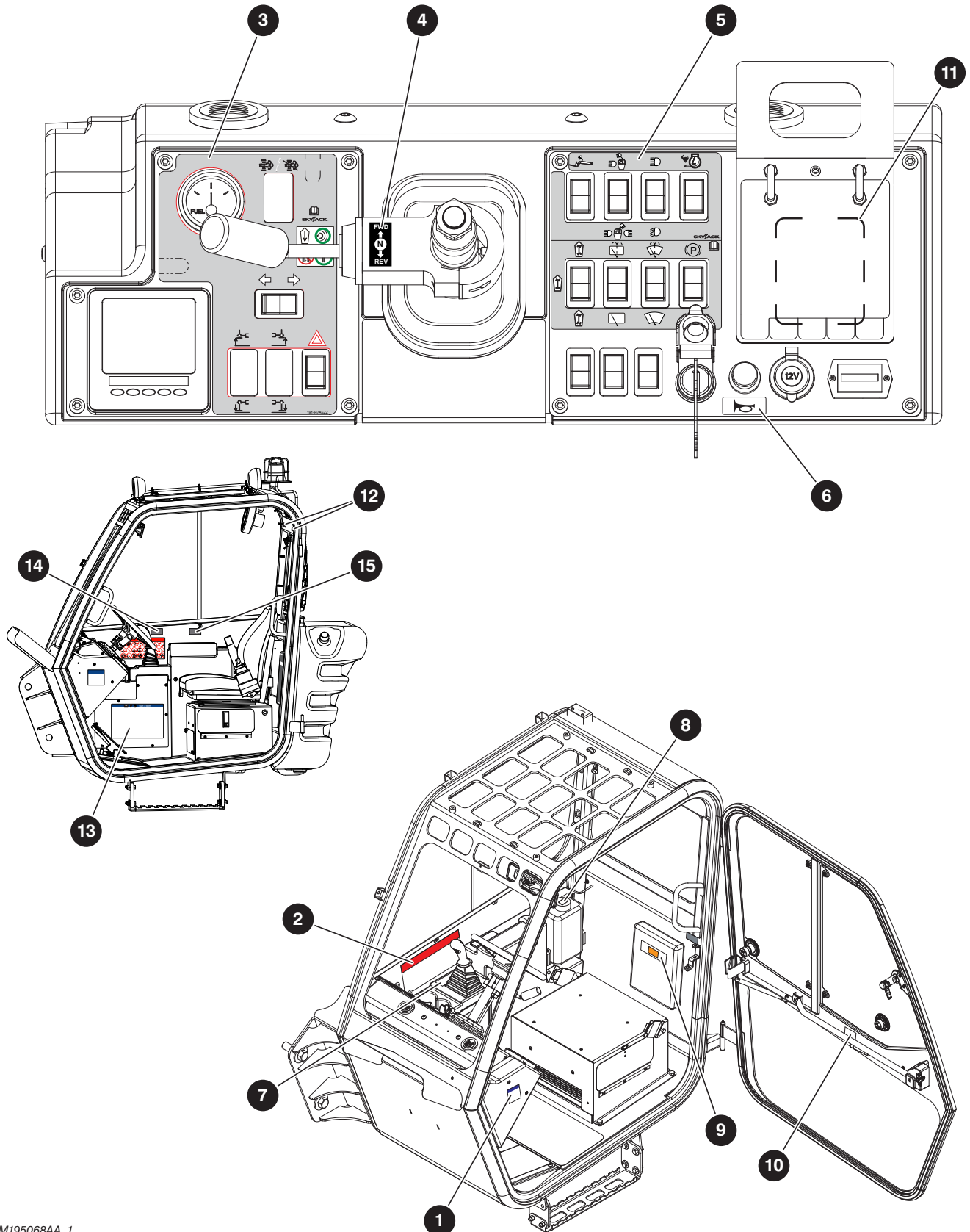


M190077_3

11.2 Pictorial Group Labels

Index No.	Skyjack Part No.	Qty.	Description
A	190077	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410753 and below)</i>
B	229082	1	LABEL GROUP, PICTORIAL TH <i>(for SN 87410754 and above)</i>
1	152230	6	• LABEL, Grease point
2	137988	1	• LABEL, Crush/pinch hazard pictorial
3	146016	1	• LABEL, Hydraulic oil level (min/max)
4	139314	4	• LABEL, Body crush pictorial
5	124631	4	• LABEL, Wheel info pictorial
6	157528	4	• LABEL, Lift point / tie down pictorial
7	139855	4	• LABEL, "Keep clear" pictorial
8	138146	1	• LABEL, No smoking pictorial
9	152237	2	• LABEL, Keep chains tight
10	162852	1	• LABEL, Diesel "ultra low sulfur only "
11	102961	1	• LABEL, ATF dexron III pictorial
12	163095	1	• LABEL, Caution coolant fill
13	196184	1	• LABEL, Boom angle indicator
14	195900	1	• LABEL, Towing capacity
15	195421	2	• LABEL, Fork pins warning
16	195422	1	• LABEL, Lifting hook
17	115543	2	• LABEL, No step
18	156613	2	• LABEL, Do not tamper with switch
19	(Ref).	1	• ASSEMBLY, Cab labels <i>(For components, refer to Section 11.3)</i>
20	212532	1	• LABEL, Main battery disconnect switch
21	173583	2	• LABEL, Do not grease
22	173202	4	• LABEL, Tip over hazard - B
23	172501	1	LABEL, DEF Tank

11.3 Cab Labels



M195068AA_1

11.3 Cab Labels

Index No.	Skyjack Part No.	Qty.	Description
-	195068	1	ASSEMBLY, CAB LABELS
1	195425	1	• LABEL, Transportation reminder
2	195424	1	• LABEL, Hazard identification
3	191447	1	• LABEL, Left side dash
4	926902	1	• LABEL, Transmission selector
5	191448	1	• LABEL, Right side dash
6	105352	1	• LABEL, Horn pictorial
7	195109	1	• LABEL, Joystick controls
8	152241	1	• LABEL, Windshield washer fluid
9	123628	1	• LABEL, Manual storage box
10	152246	1	• LABEL, Door open instructions
11	195069	1	• LABEL, Fuse Panel SJXX TH
12	204421	1	• LABEL, Pictorial emergency exit procedure
13	195426	1	LABEL, Daily and weekly maintenance chart - S/N 87410475 and below
-	173582		LABEL, Daily and weekly maintenance chart - S/N 87410476 to 87410580
-	229083		LABEL, Daily and weekly maintenance chart - S/N 874105801 to 87410637
-	237739		LABEL, Daily and weekly maintenance chart - S/N 87410638 and above
14	173081	1	LABEL, California proposition 65
15	173002	1	LABEL, Equipped with elevate Keypad

No Drawing Required

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

Section 12 – Tables

12.1 Recommended Fluids

Model 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		
Powershift	Oil Type	ATF DEXRON III
	Capacity	14.2 quart (13.5 L)
Axles		
Differential		SAE 80W/90 LS
Front Axle Capacity		13.7 quart (13 L)
Rear Axle Capacity		13.7 quart (13 L)
Planetary Wheel Ends		SAE 80W/90
Front Wheel Hub Capacity		1.9 quart (1.8 L) per hub
Rear Wheel Hub Capacity		1.9 quart (1.8 L) per hub
Hydraulic Oil		
Standard Factory Fill		ATF Dexron III
Type		ATF Dexron III or Equivalent
Tank Capacity		43.85 gal (166 L)
Grease Points		
Type		EP2 Grease

* Refer to manufacturer's manual.

1233AH



www.skyjack.com