

MODELS | SJ 8831E SJ 8841E



Parts Manual

DC Electric Full-Size Rough Terrain (ANSI)

Part No. 157962AA May 2012

SKYJACK[™]

This manual is based on Serial Numbers:

SJ 8831E	36,000,229 through 36,000,230
SJ 8841E	40,000,636 through 40,000,805

Please refer to the website www.skyjack.com for older Serial Numbers.

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DC Electric Full-Size Rough Terrain Parts Manual

General

The information contained in this section is designed to aid the user in locating and identifying replacement parts. Component parts of various assemblies and sub-assemblies comprising the work platform are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly order. If a part cannot be found in this section, order by work platform model number and serial number, giving a complete description of the part.

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 or groups are shown at the beginning of a parts list and are identified with the letter references A, B, C, etc. Individual parts in these lists have corresponding letters after their description to identify which assembly or group it is used in. Individual parts without identifying letters are used in all the assemblies or group shown at the beginning of the parts list. Descriptions preceded with an (•) indicates a serviceable component or attaching hardware for the higher level assembly. If

an index number initially starts with the letter "K", for example "K1", means it's a kit. Any items(s) included in a kit will not have an index number.

Quantities (Units Per Assy.)

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

Hardware

Standard screws, washers, nuts, etc. are not identified by a reference number. These parts are known as COMMON HARDWARE items and appear indented under the major items with which they are used. They should be ordered separately as listed, since they are not component parts of the pieces they attach to.

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 bulk item).
5. List the part number and description as shown in this manual for each item.
6. Show billing and shipping address and name of individual if possible.
7. Suggest best routing.

CUSTOMER _____

DEALER _____

MODEL NUMBER _____

SERIAL NUMBER _____

DATE PURCHASED _____

Use Only Skyjack Authorized Replacement Parts!

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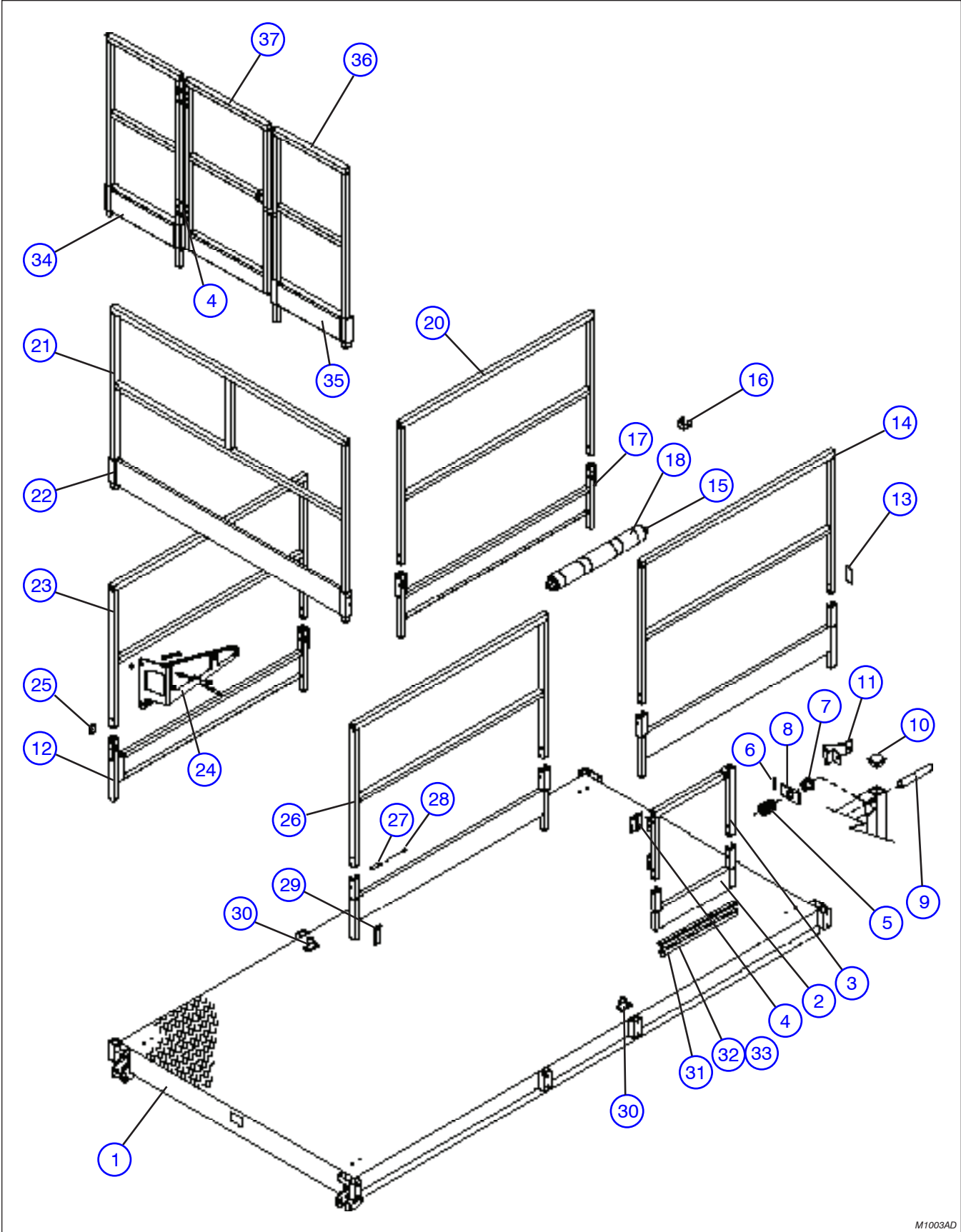
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Main Platform and Railings



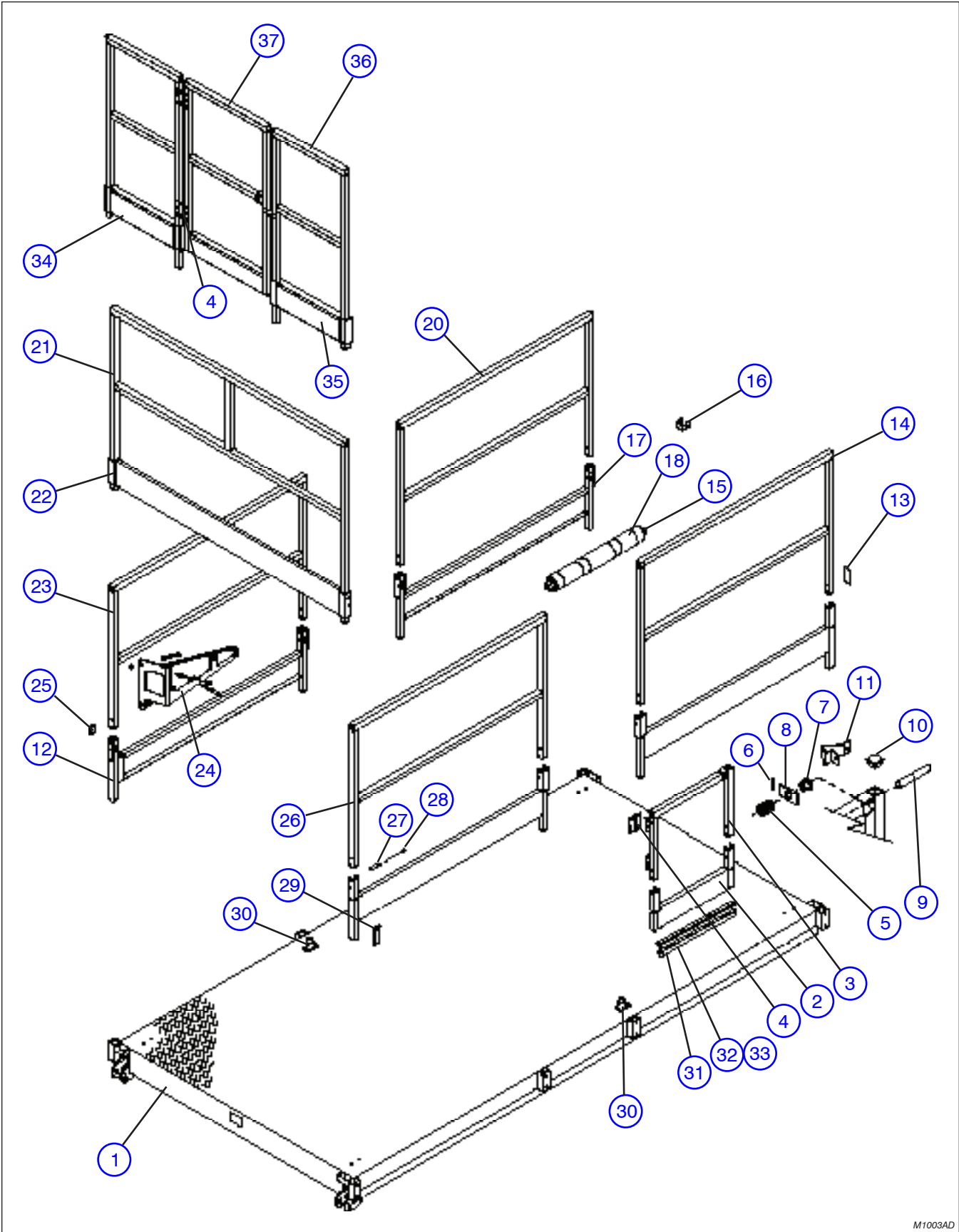
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Main Platform and Railings

1

Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)		MAIN PLATFORM AND RAILING (with front extension platform)
B	(Ref.)		MAIN PLATFORM AND RAILING (with rear extension platform)
C	(Ref.)		MAIN PLATFORM AND RAILING (with hinged end rails)
1	107623	1	WELDMENT, Main platform
	104625	16	SCREW, Set (3/8"-16 x 5/8")
	103978	16	NUT, Hex (3/8"-16)
2	117289	2	WELDMENT, Hinged bottom gate
3	117290	2	WELDMENT, Hinged top gate (Half)
	117291	2	WELDMENT, Hinged top gate (Full)
	103873	4	BOLT, Hex head (3/8"-16 x 2.5")
	104606	4	NUT, Lock (3/8"-16)
4	117277	4	HINGE, Spring return (Stanley 3.5" #2060R)
	103856	12	BOLT, Hex head (1/4"-20 x 3/4")
	104000	12	WASHER, Lock (1/4")
	103983	12	NUT, Jam (1/4"-20)
	103632	12	SCREW, Self tapping (1/4"-14 x 3/4")
5	103107	2	SPRING, Compression
6	105310	2	PIN, Roll (1/8" x 1.25")
7	105312	2	GUIDE, Spring
8	105307	2	PLATE, Latch release
9	109377	2	PIN, Latch (5/8" x 4.1875")
10	100702	AR	CAP, Tube end
11	110693	2	STOP, Latch
	103632	4	SCREW, Self tapping (1/4"-14 x 3/4")
12	107615	2	RAILING, Lower front right hand/lower rear left hand
13	115531	AR	LABEL, Warning falling hazard
14	107621	1	RAILING, Upper rear (Left hand), B
	111808	1	RAILING, Upper rear (Left hand), A & C
15	106915	2	RAILING, Gate top (Half gate)
	103865	4	BOLT, Hex head (5/16"-18 x 2")
	103984	4	NUT, Lock (5/16"-18)
16	101778	AR	CLAMP, Entry railing
17	107617	2	RAILING, Lower front left hand/lower rear right hand
18	104183	2	PAD, Entry insulation (Half gate)
20	107621	1	RAILING, Upper rear (Right hand), B
	111840	1	RAILING, Upper rear (Right hand), A & C
21	111845	AR	RAILING, Hinged upper end, C
22	111842	AR	RAILING, Hinged lower end, C
23	107621	1	RAILING, Upper front (Right hand), A & B
	111808	1	RAILING, Upper front (Right hand), C
Parts list continued on the following page.			

Main Platform and Railings (Continued)

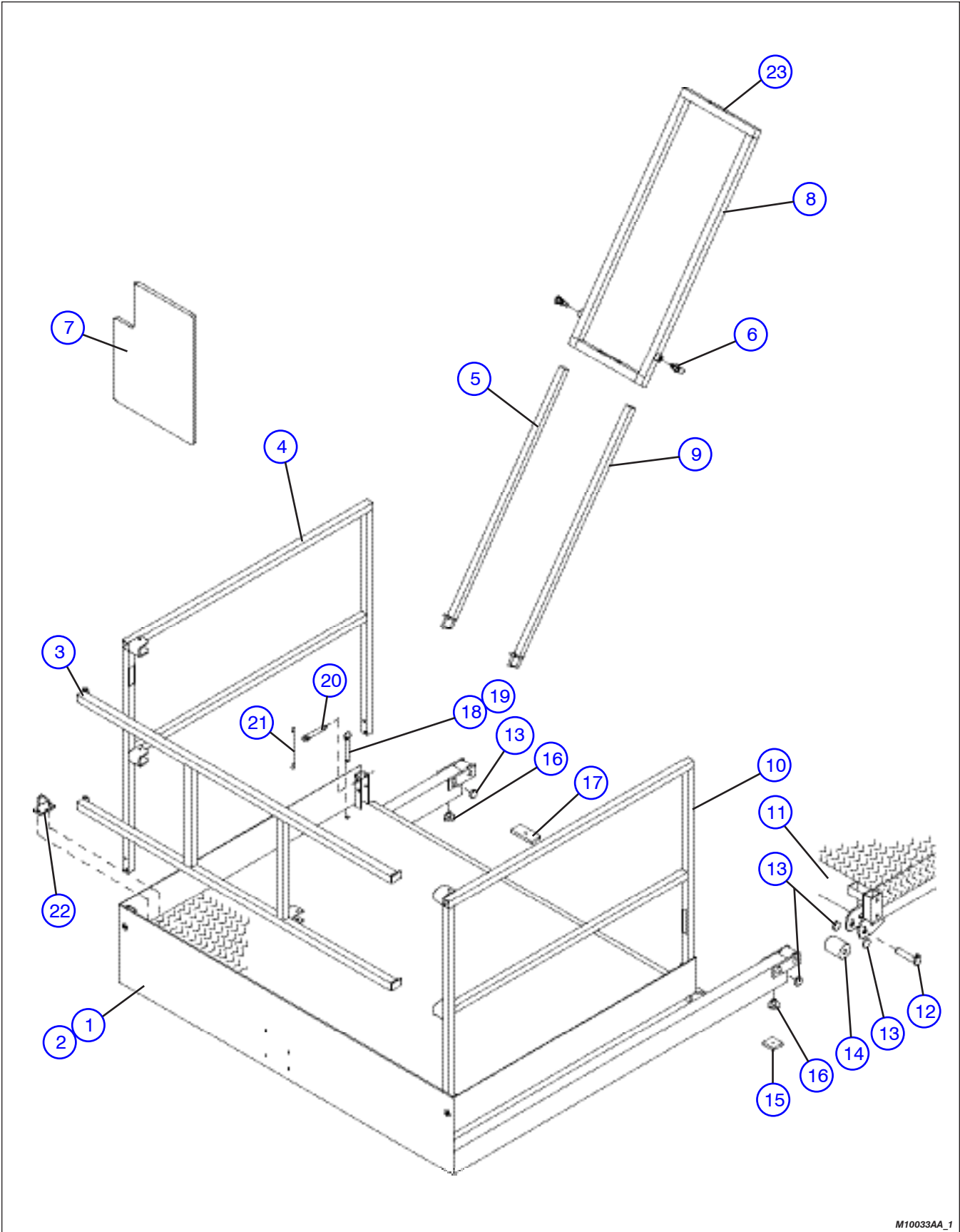


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Main Platform and Railings (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
24	132814	1	CONTROL CONSOLE MOUNTING ASSEMBLY
	132816	1	• WELDMENT, Control console mount
	103865	2	• BOLT, Hex head (5/16"-18 x 2")
	103984	2	• NUT, Lock (5/16"-18)
	103996	2	• WASHER, Flat (5/16")
	124547	1	• QUICK RELEASE SMALL LOOP ASSEMBLY
	134355	1	• SCREW, Machine flat head (1/4"-20 x 3/4")
	115649	1	• NUT, Hex nylon lock (1/4"-20, Grade 5)
25	108791	1	CLIP, Cable (Stick-on)
26	107621	1	RAILING, Upper front (Left hand), A & B
	111840	1	RAILING, Upper front (Left hand), C
27	100509	AR	PIN, Locking (3/8")
28	105807	AR	CABLE, Lanyard (6")
29	107614	8	PLATE, Railing retainer
30	(Ref.)	-	RING KIT, Safety (For components, refer to Page 7.14)
31	120143	1	Extension, Gate
32	119943	1	PLATE, Gate clamp
33	119945	4	RIVET, Pop Wide Head

4 Feet Roll-Out Extension Platform Assembly

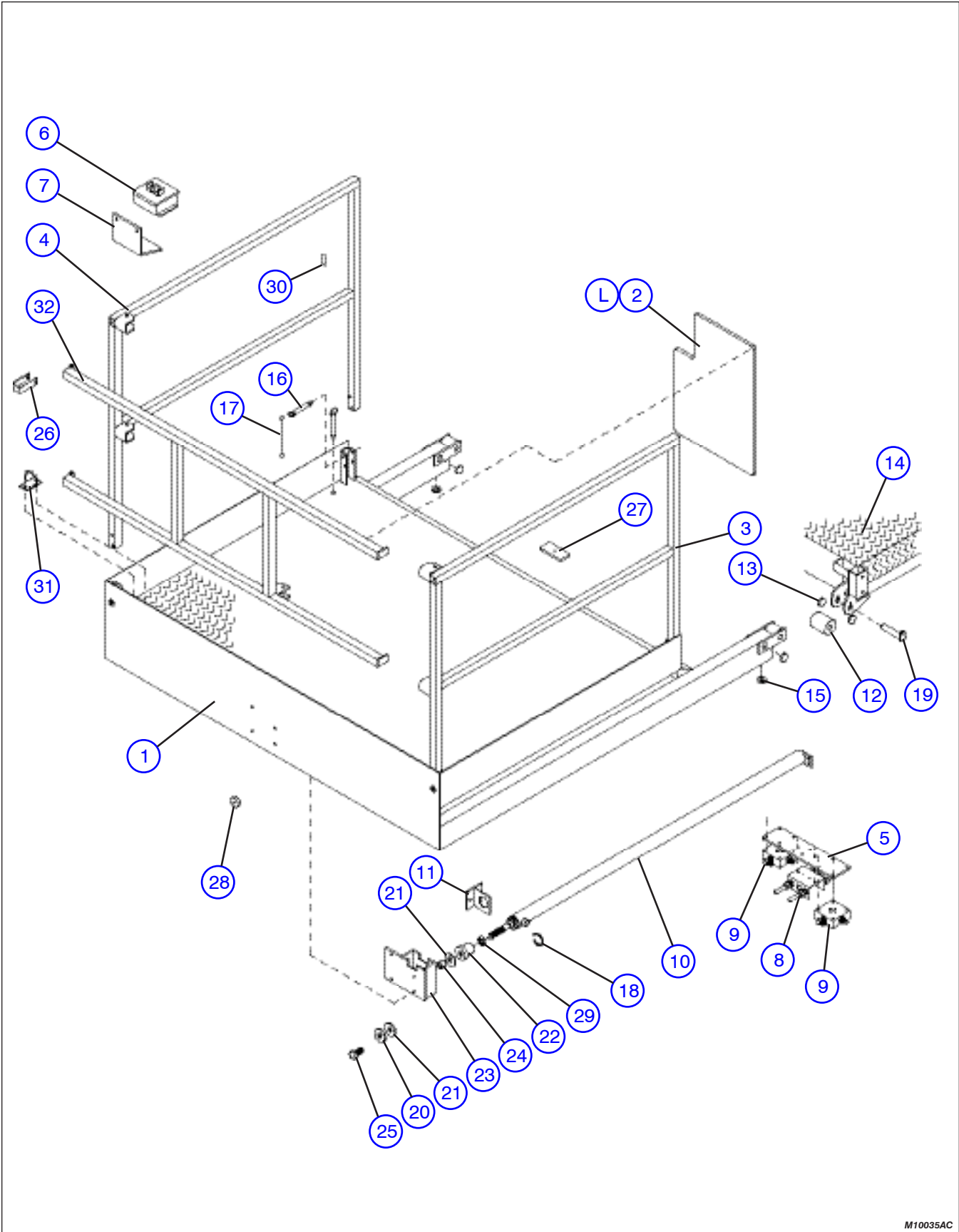


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4 Feet Roll-Out Extension Platform Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	107639	1	WELDMENT, Extension platform
	105829	2	• PIN, Roller (3/4" x 2.375")
	100141	2	• ROLLER, Rear
2	106432	2	U-BOLT (1/4"-20 x 3/4" ID)
3	117200	1	RAILING, Pivoting front
4	117199	1	RAILING, Side (Right hand)
5	115015	2	TUBE, Push bar lower (Right hand)
6	112467	2	PLUNGER, Quick release pull ring
7	130229	1	PLATE, Safety label
	103632	4	BOLT, Self tapping (1/4"-14 x 3/4")
8	115014	1	WELDMENT, Push bar upper
9	115016	2	TUBE, Push bar lower (Left hand)
10	117198	1	RAILING, Side (Left hand)
11	(Ref.)	1	WELDMENT, Main platform (For components, refer to Page 1.1)
12	102237	2	PIN, Roller (3/4" x 3-11/32")
13	110425	8	PAD, Deck slider (1" diameter x 11/32")
14	111136	2	ROLLER, Extension platform
15	114998	2	PAD, Extension stop
16	105673	AR	PAD, Slider (1.5" diameter x 1/2")
	101954	AR	PAD, Slider (1.5" diameter x 3/8")
17	107057	4	PAD, Platform slide (3/8" x 1.75" x 4")
18	112736	1	STOP, Extension platform (welded to platform deck)
19	112389	1	PIN, Quick release
20	100509	AR	PIN, Locking (3/8")
21	105807	AR	CABLE, Lanyard (6")
22	(Ref.)	-	RING KIT, Safety (For components, refer to Page 7.14)
23	115543	2	LABEL, No step

4 Feet Powered Extension Platform Assembly

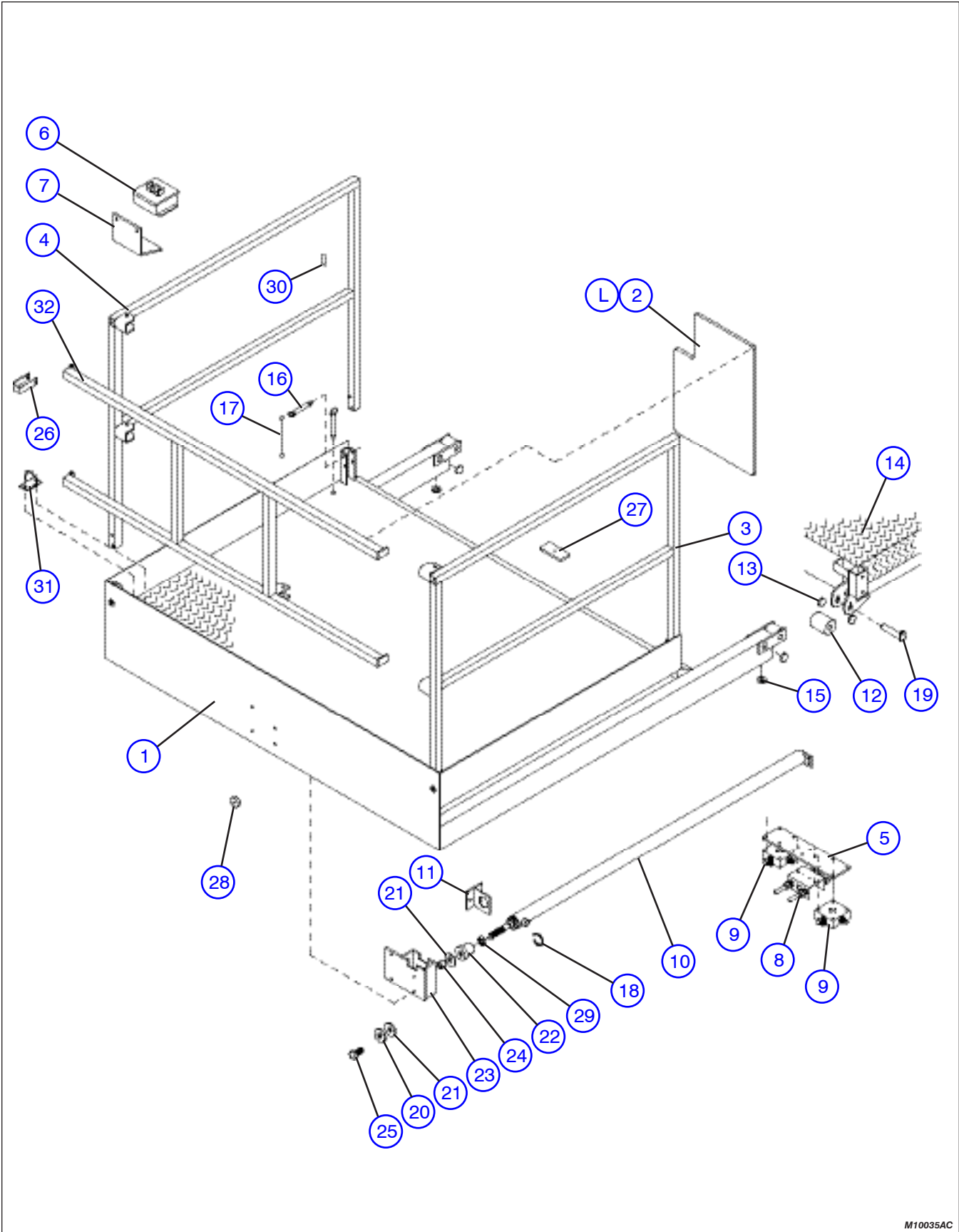


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4 Feet Powered Extension Platform Assembly

Index No.	Skyjack Part No.	Qty.	Description
			NOTE: Quantities shown are for a single extension platform.
1	107639	1	WELDMENT, Extension platform
	105829	2	• PIN, Roller (3/4" x 2.375")
	100141	2	• ROLLER, Rear
2	130229	1	PLATE, Info/warning mount
	103632	AR	BOLT, Self tapping (1/4"-14 x 3/4")
3	117198	1	RAILING, Extension platform side (Left hand)
4	117199	1	RAILING, Extension platform side (Right hand)
5	(Ref.)	1	PLATE, Valve and panel mounting
		-	(For components, refer to Page 1.7)
	101632	2	BOLT, Hex head (3/8"-16 x 3/4")
	103472	2	WASHER, Flat (3/8")
	103999	2	WASHER, Lock (3/8")
	111290	1	BLOCK, Manifold
6	(Ref.)	1	CONTROL CONSOLE, Powered extension platform
		-	(For components, refer to Page 1.8)
	103860	2	BOLT, Hex head (1/4"-20 x 3/4")
	103995	2	WASHER, Flat (1/4")
	104000	2	WASHER, Lock (1/4")
	103980	2	NUT, Hex head (1/4"-20)
7	117188	1	PLATE, Control console mounting
	103856	4	BOLT, Hex head (1/4"-20 x 3/4", Grade 5)
	104000	6	WASHER, Lock (1/4")
8	(Ref.)	1	ELECTRICAL PANEL ASSEMBLY, Powered extension platform
		-	(For components, refer to Page 1.7)
	103845	2	BOLT, Hex head (5/16"-18 x 1/2", Grade 5)
	103404	2	WASHER, Lock (5/16")
	100397	2	NUT, Hex (5/16"-18)
9	(Ref.)	1	VALVE AND MANIFOLD ASSEMBLY
		-	(For components, refer to Pages 1.4 & 1.5)
10	(Ref.)	1	CYLINDER ASSEMBLY (Powered extension platform)
		-	(For components, refer to Pages 1.6)
11	108366	1	WELDMENT, Cylinder front support
12	111136	2	ROLLER, Extension platform
13	110425	8	PAD, Deck slider (1" diameter x 11/32")
14	(Ref.)	1	WELDMENT, Main platform
		-	(For components, refer to Page 1.1)
15	101954	2	PAD, Slider (1.5" diameter x 3/8")
16	100509	AR	PIN, Locking (3/8")
17	105807	AR	CABLE, Lanyard (6")
18	106446	1	RING, Retaining
19	102237	2	PIN, Roller (3/4" x 3-11/32")
			Parts list continued on the following page.

4 Feet Powered Extension Platform Assembly (Continued)



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4 Feet Powered Extension Platform Assembly (Continued)

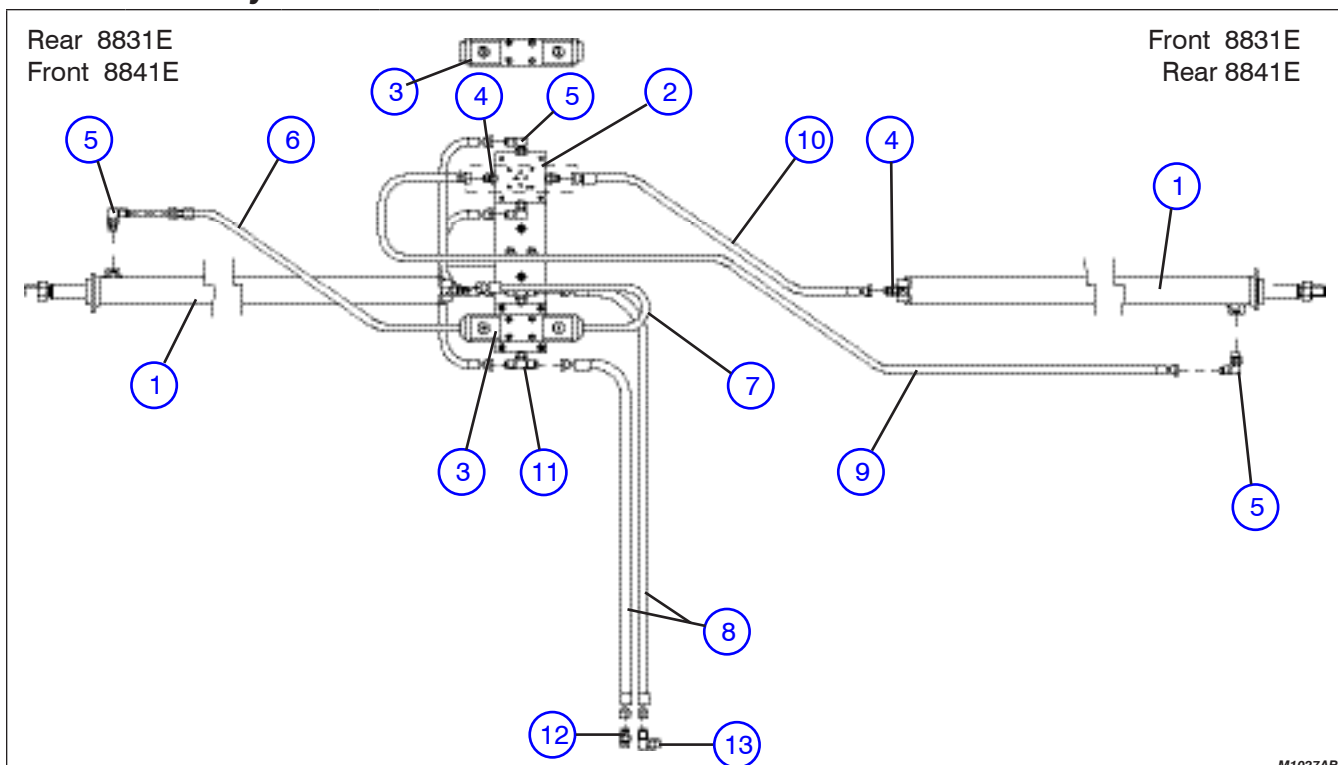
Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
20	113304	2	WASHER, Isolator (3/4" x 2")
21	113305	2	ISOLATOR, Cylinder rod
22	113331	1	ADAPTER, Cylinder rod
23	113334	1	WELDMENT, Cylinder rod mount
24	115544	1	SPACER (3/4" x 1 x 3/4")
25	113360	1	BOLT, Hex head (3/4" x 16 x 1.5")
	104002	1	WASHER, Lock (3/4")
26	113164	1	CLAMP, Cable
27	107057	4	PAD, Platform slide (3/8" x 1.75" x 4")
28	105673	2	BUMPER, Extension platform
30	115531	AR	LABEL, Falling hazard
31	(Ref.)	-	RING KIT, Safety (For components, refer to Page 7.14)
32	117200	1	RAILING, Pivoting front
L	(Ref.)	-	LABELS (For components, refer to Page 8.1)

This diagram illustrates the assembly of the M1046AB hydraulic system. The components are numbered as follows:

- 1: Hydraulic cylinder
- 2: Main hydraulic valve assembly
- 3: Hydraulic pump/motor unit
- 4: Hydraulic hose or pipe
- 5: Hydraulic fitting or connector
- 6: Hydraulic hose or pipe
- 7: Hydraulic hose or pipe
- 8: Hydraulic hose or pipe
- 9: Hydraulic hose or pipe
- 10: Hydraulic hose or pipe

1.4

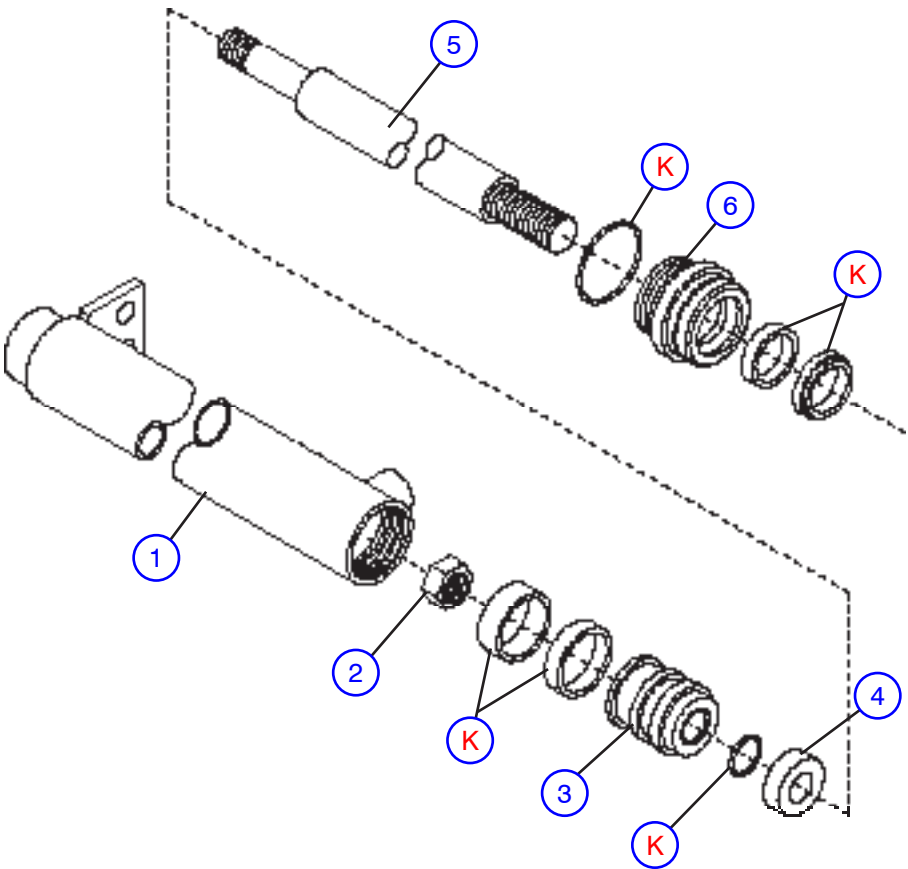
Hydraulic Hose Connections - Dual Powered Extension Platform



M1027AB

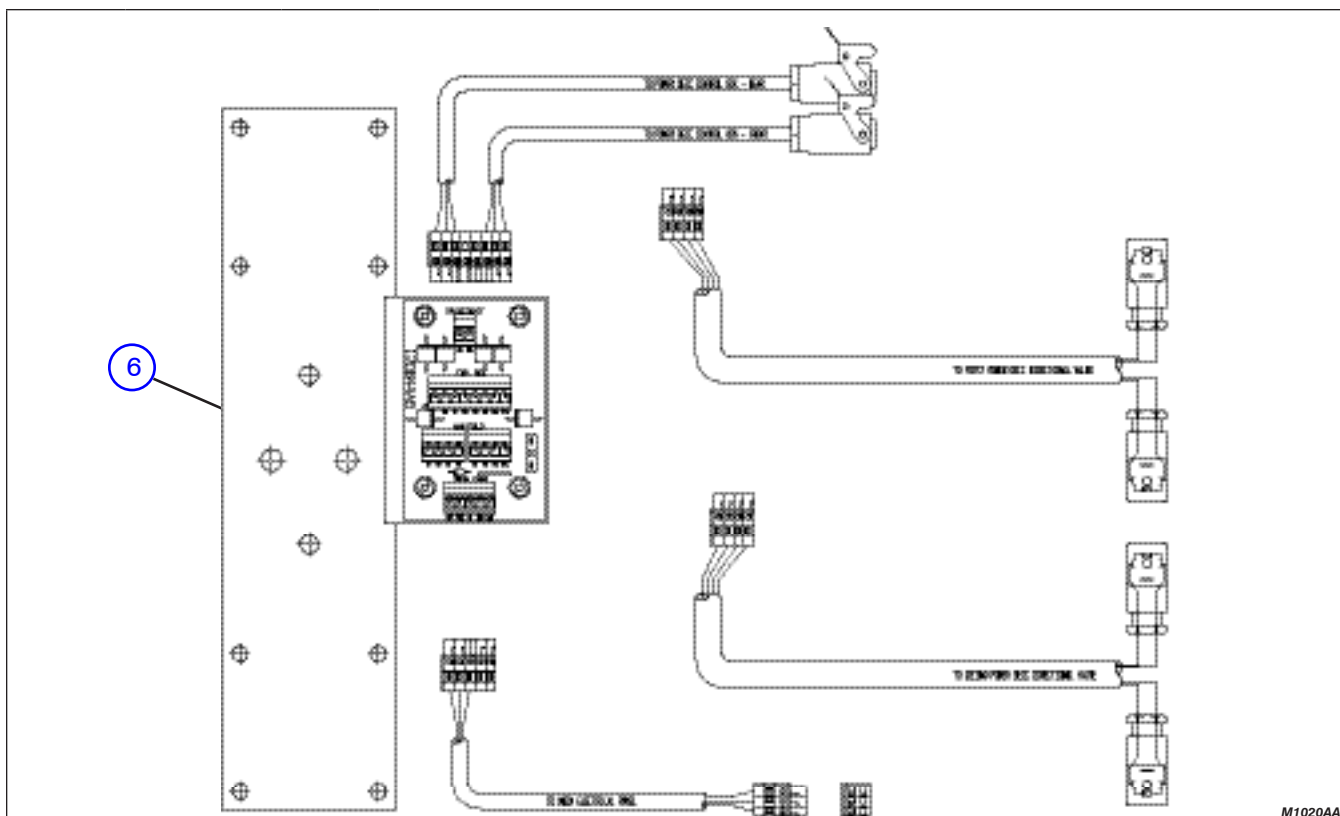
Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	2	CYLINDER ASSEMBLY, Powered extension platform (For components, refer to Page 1.6)
2	107382	2	BLOCK, Valve manifold
3	153334	2	VALVE, Directional spool
	153335	2	• COIL, 24 Volt Spool Valve
	103920	4	BOLT, Socket head (#10-24 x 2", Grade 5)
	104345	1	CONNECTOR, Gray
	104409	1	CONNECTOR, Black
4	103069	3	FITTING, Connector (#6orb - #6)
5	114578	6	FITTING, Elbow 90° (#6orb - #6)
6	110447	1	HOSE ASSEMBLY (Cylinder retract)
7	102490	1	HOSE ASSEMBLY (Cylinder extend)
8	124355	2	HOSE ASSEMBLY (Supply and return) (Model 8831E)
	124354	2	HOSE ASSEMBLY (Supply and return) (Model 8841E)
9	104134	1	HOSE ASSEMBLY (Cylinder retract)
10	106516	1	HOSE ASSEMBLY (Cylinder extend)
11	104660	2	FITTING, Tee (#6orb-#6-#6)
12	103070	1	FITTING, O-Ring (#6-#8) (in manifold at base)
13	102665	1	FITTING, O-Ring elbow (#8-#6) (in manifold at base)

Powered Extension Platform Cylinder Assembly



Index No.	Skyjack Part No.	Qty.	Description
-	120275	-	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY
1	120271	1	• WELDMENT, Cylinder barrel
2	103830	1	• NUT, Lock (5/8"-11, Grade 8)
3	117942	1	• PISTON
4	116069	1	• SPACER, Stop tube
5	118089	1	• ROD, Piston
6	120254	1	• GLAND, Cylinder end
K	107396	-	KIT, Seal repair

Powered Extension Platform Electrical Panel

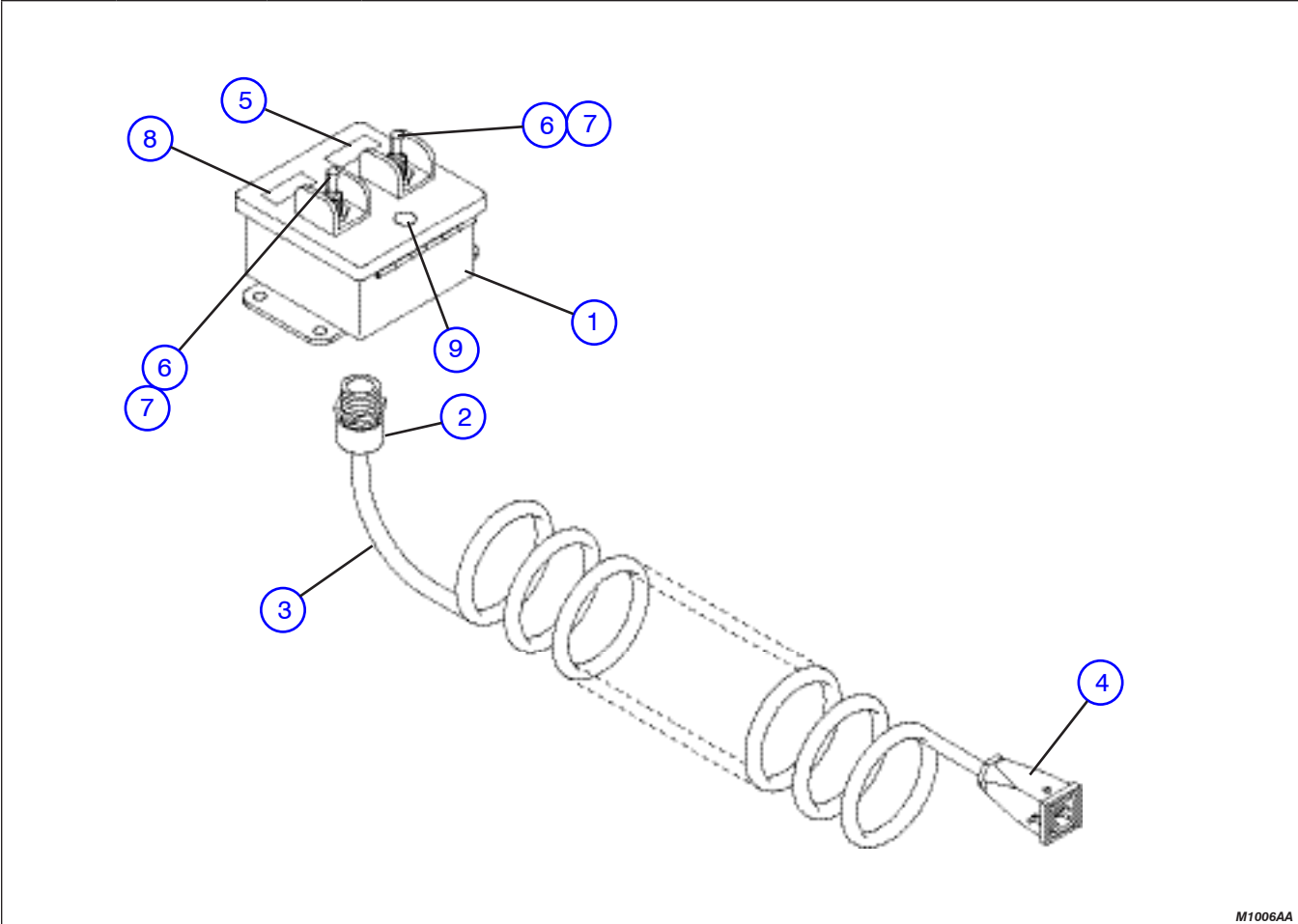


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Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)	-	SINGLE POWERED EXTENSION PLATFORM
B	(Ref.)	-	DOUBLE POWERED EXTENSION PLATFORMS (Shown)
1	120844	1	PC BOARD, Power deck
2	122178	1	HARNESS, Power deck control box, A
	122179	1	HARNESS, Power deck control box, B
	119900	1	• PLUG, 8 Pin PC Board Connector
	107711	AR	• CONNECTOR, Cabtire 5 Pin Female
	103568	1	• • HOUSING, Base
	103570	1	• • INSERT, Female
3	120658	1	FUSE, 10A
4	122189	1	HARNESS, Power Deck Directional Valves, A, B
	122190	1	HARNESS, Power Deck Directional Valves, B
	119896	AR	• PLUG, PC board connector (4 pin)
	119825	AR	• CONNECTOR, Solenoid
	111354	AR	• PROTECTOR, Wire (3/8")
5	122192	1	HARNESS, Power Deck To Main Panel (Model 8831E)
	122188	1	HARNESS, Power Deck To Main Panel (Model 8841E)
	119897	1	• PLUG, PC board connector (5 Pin)
	119895	1	• PLUG, PC board connector (3 Pin)
6	122186	1	BRACKET, Power deck PC board and valve

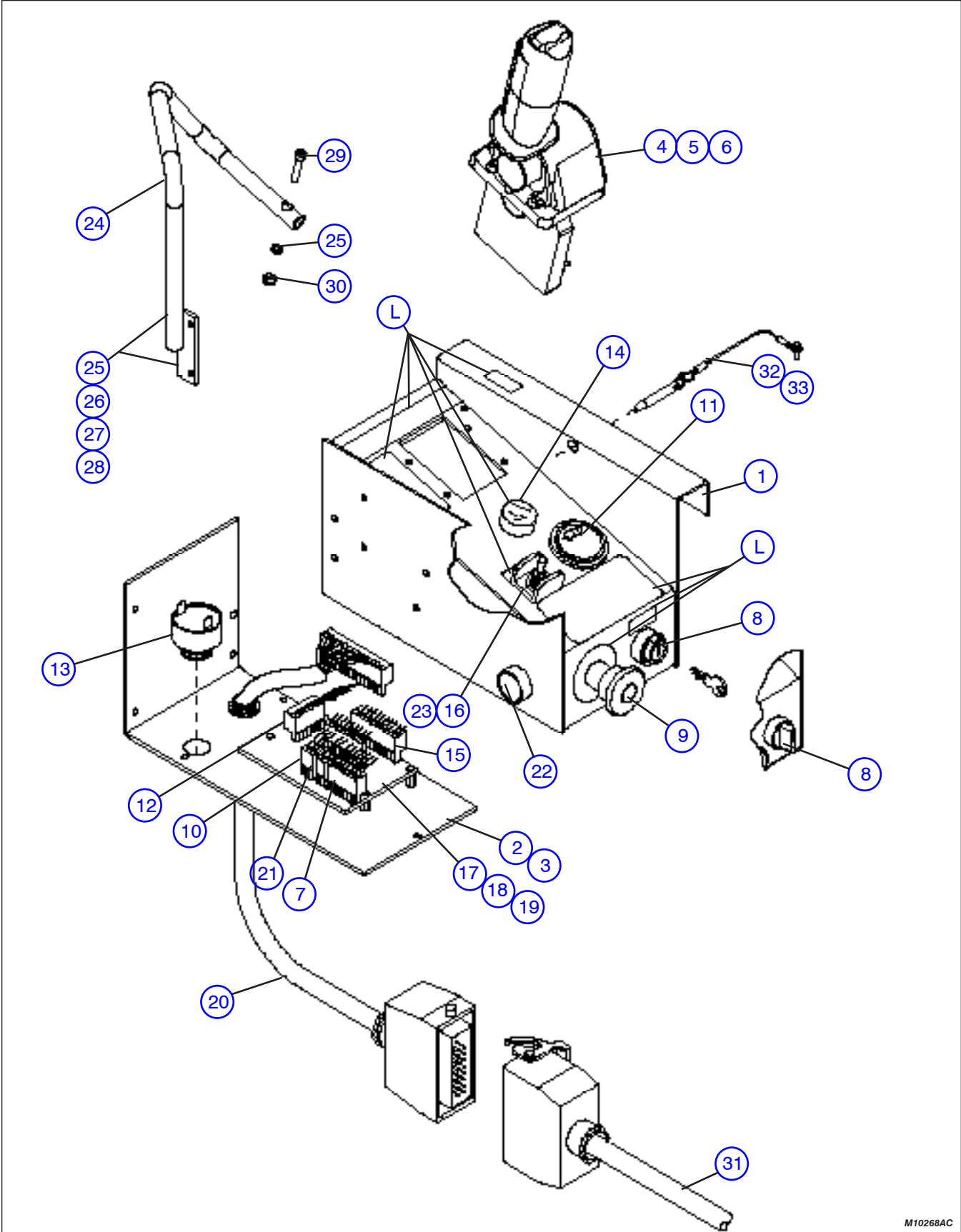
Notes

Powered Extension Control Console Assembly



Index No.	Skyjack Part No.	Qty.	Description
A	115592	-	CONTROL CONSOLE ASSEMBLY (Powered extension platform)
1	115539	1	• BOX, Control
2	103041	1	• STRAIN RELIEF
3	106401	AR	• CORD, Coiled (18/3)
4	107712	1	• CONNECTOR ASSEMBLY (5 pole male)
	103567	1	• • HOUSING, Base
	103569	1	• • INSERT, Male
5	108328	1	• LABEL, Platform extend/retract
6	102853	2	• SWITCH, Toggle
7	111181	2	• GUARD, Toggle switch
8	115594	1	• LABEL, Enable
9	114377	1	• PLUG, Plastic (1/2")

Platform Control Console Assembly



M10268AC

Platform Control Console Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	150912	-	CONTROL CONSOLE ASSEMBLY (With Key)
B	150920	-	CONTROL CONSOLE ASSEMBLY (Without Key)
1	130196	1	• WELDMENT, Control console
2	130197	1	• COVER, Control console bottom
3	112327	10	• BOLT, Hex head (#8-18 x 1/2")
4	(Ref.)	1	• CONTROLLER ASSEMBLY (Drive/Steer)
		-	(For components, refer to Page 1.10)
5	103957	4	• SCREW, Machine (#8-32 x 1/2")
6	112249	4	• WASHER, Lock (#8)
7	150916	1	• HARNESS ASSEMBLY, (Base/Off/Platform switch, Emergency stop)
	119898	1	• • CONNECTOR, PC board (6 pole)
	147056	2	• • LATCH
	147053	1	• • BLOCK, Contact (N.C.)
	147054	2	• • BLOCK, Contact (N.O.)
8	150913	1	• HEAD, Key select switch (Base/Off/Platform), A
	104466	1	• • KEY (#455)
	147069	1	• HEAD, Selector switch (Base/Off/Platform), B
9	147051	1	• HEAD, Emergency stop switch
10	119368	1	• HARNESS ASSEMBLY, Battery meter
	119895	1	• • CONNECTOR, PC board (3 pole)
11	122093	1	• • INDICATOR, Battery charger
12	119396	1	• HARNESS ASSEMBLY (Warning light, beeper)
	119899	1	• • CONNECTOR, PC board (7 pole)
	147056	1	• • LATCH
	147061	1	• • LED BLOCK, Red (24V)
13	103057	1	• • BEEPER
14	147225	1	• LIGHT HEAD, Pilot (Red)
15	119370	1	• HARNESS ASSEMBLY (Lift/Off/Drive)
	119903	1	• • CONNECTOR, PC board (11 pole)
16	116382	1	• • SWITCH, Toggle (Lift/Off/Drive)
17	119366	1	• BOARD, Circuit
18	114678	4	• SCREW, Machine (#6-32 x 1/2")
19	106099	4	• WASHER, Lock (#6)
20	119373	1	• CABLE ASSEMBLY (16 pole)
	119907	1	• • CONNECTOR, PC board (15 pole)
	103041	1	• • STRAIN RELIEF
	119359	1	• • HOUSING (16 pole)
	114469	1	• • PLUG, Male (16 pole)
Parts list continued on following page.			

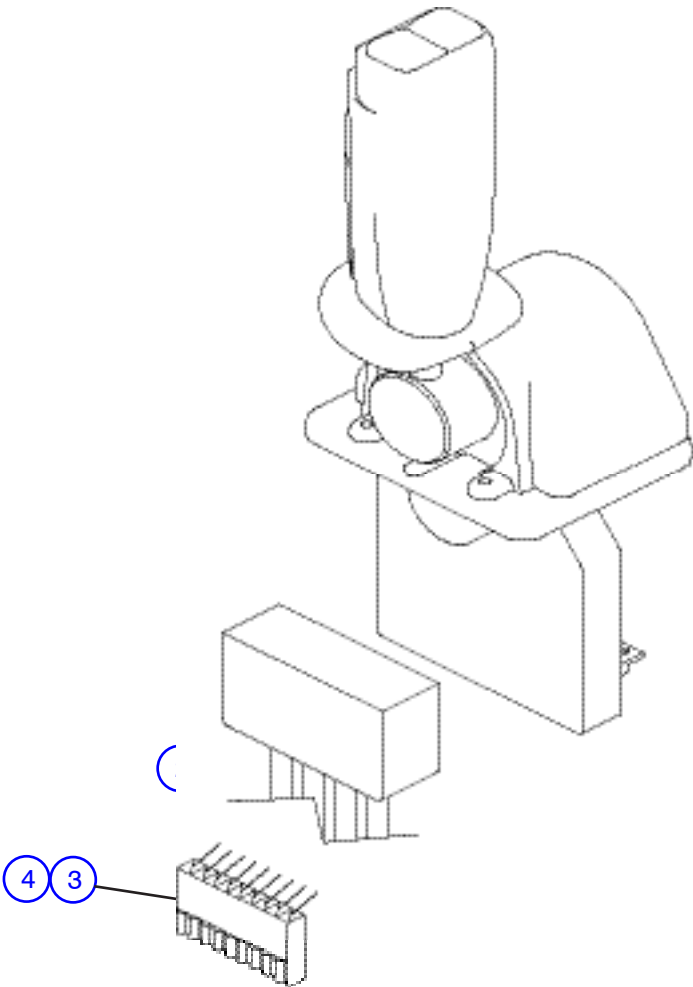
This exploded view diagram illustrates the assembly of a microscope system. The components are identified by numbered callouts (1-33) and letters (L). The main body (1) features a stage (14) with objective lenses (22) and eyepieces (8). A mounting arm (24) is attached to the side, supporting the eyepiece (4, 5, 6). A base (20) is connected to the main body via a cable (21). A power supply unit (31) is connected to the base. The diagram also shows various screws (29, 30) and a lens cap (32, 33).

**DC Electric Rough Terrain
Model 8831E & 8841E
157962**

Platform Control Console Assembly (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from previous page.
21	150916	1	• HARNESS ASSEMBLY (Horn)
	119894	1	• • CONNECTOR, PC board (2 pole)
	147056	1	• • LATCH
	147054	1	• • BLOCK, Contact (N.O.)
22	147058	1	• PUSHBUTTON, Horn
23	111181	1	• GUARD, Switch
24	126447	1	• GUARD, Control box
25	104185	3	• WASHER, Lock (#10 NOM)
26	104694	2	• WASHER, Flat (#10 SAE)
27	104003	2	• NUT, Machine (#10-32, Grade B)
28	103962	2	• BOLT, Machine (#10-32 x 1/2")
29	103917	1	• BOLT, Socket (#10-24 x 1")
30	103987	1	• NUT, Machine (#10-24)
31	(Ref.)	1	CONTROL CABLE ASSEMBLY
		-	(For components, refer to Page 6.3)
32	100509	1	PIN, Locking
33	105807	1	LANYARD, Retaining pin
L	(Ref.)	-	LABEL, Control console
			(For components, refer to Page 8.1)

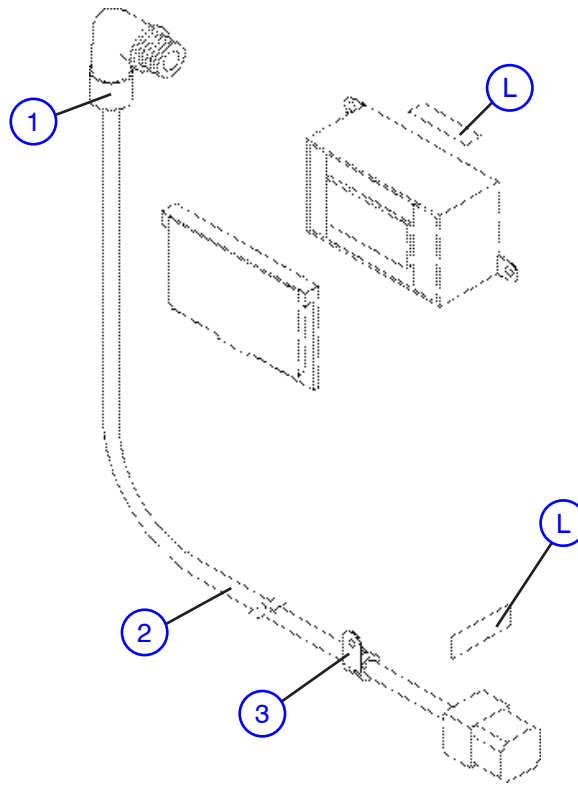
Drive/Steer Controller Assembly



M10269AB

Index No.	Skyjack Part No.	Qty.	Description
1	127063	-	CONTROLLER ASSEMBLY, Drive/steer
2	126469	2	• RELAY, DPDT (24V)
3	126488	1	• CONNECTOR, PC board (9 pin)
4	126489	9	• PINS, PC board connector crimp

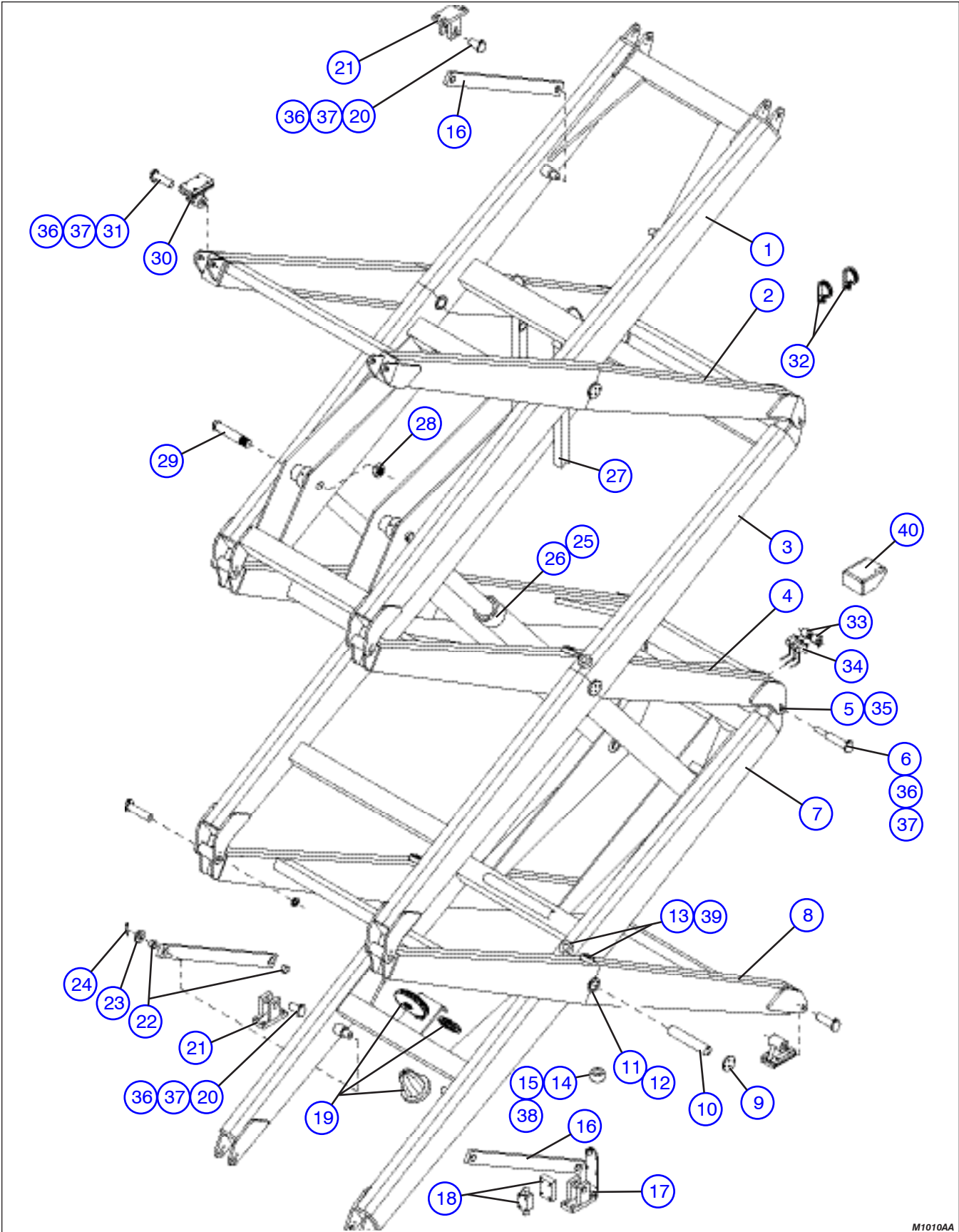
AC Outlet Assembly



M11090AF1

Index No.	Skyjack Part No.	Qty.	Description
A	117548	-	220V AC OUTLET ON PLATFORM (Model 8831E)
B	117549	-	220V AC OUTLET ON PLATFORM (Model 8841E)
1	103035	1	ELBOW, Strain relief (90°)
2	117542	600" 720"	CABTIRE (14/3), A CABTIRE (14/3), B
3	103024	1	CLIP, Cord
L	(Ref.)	-	LABEL, AC outlet (For components, refer to Page 8.1)

Scissor Arm Assembly (Model 8831E)



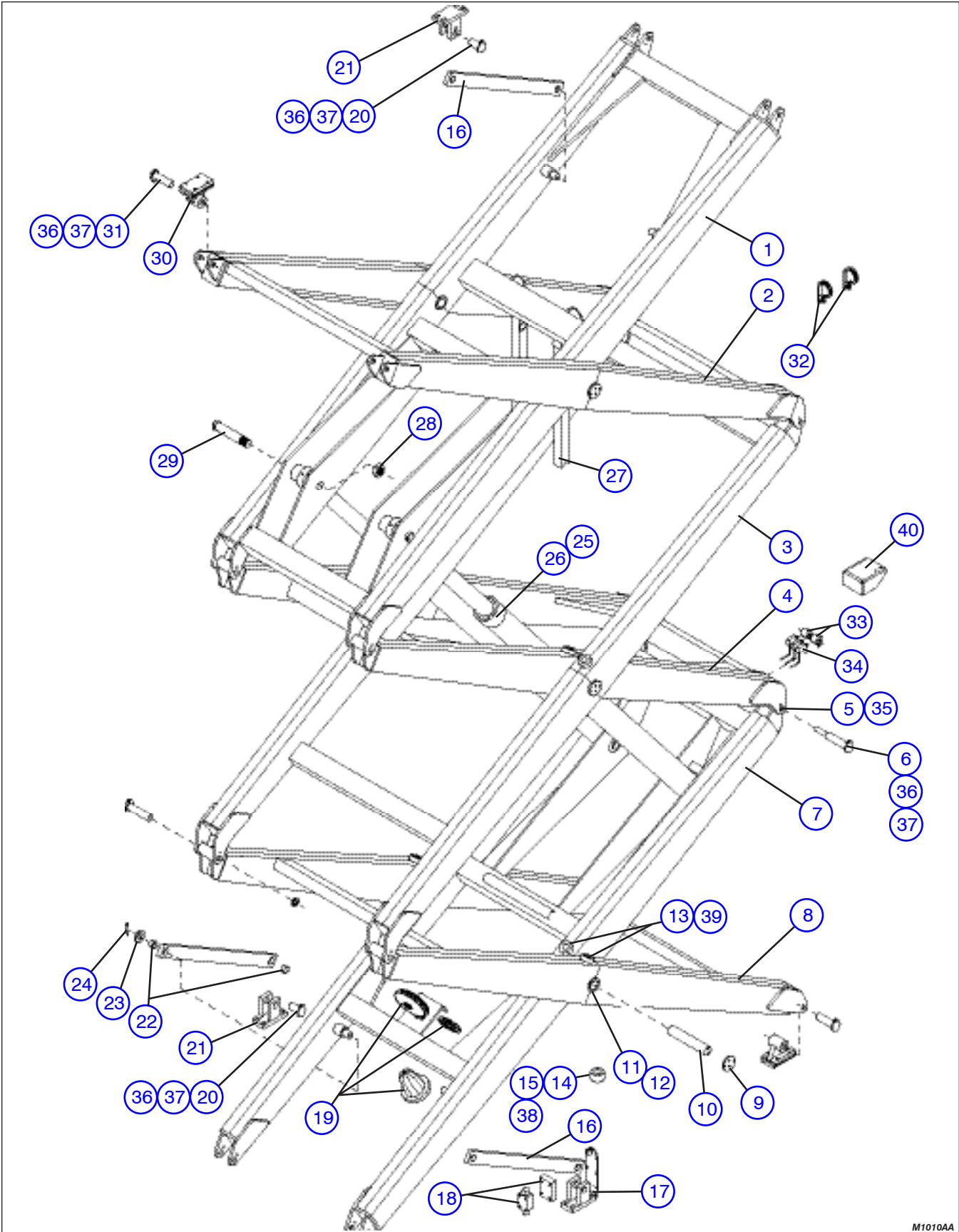
M1010AA

Scissor Arm Assembly (Model 8831E)

2

Index No.	Skyjack Part No.	Qty.	Description
-	110057		3 ARM SCISSOR ASSEMBLY
1	110395	1	ARM ASSEMBLY (3rd Inner)
2	110361	1	ARM ASSEMBLY (3rd Outer)
3	110347	1	ARM ASSEMBLY (2nd Outer)
4	110377	1	ARM ASSEMBLY (2nd Inner)
5	100071	AR	BUSHING, End pin (1.25" x 2")
6	110410	7	PIN, End (1.25") (without limit switch cam)
	(Ref.)	1	PIN, End (1.25") (with limit switch cam)
		-	(For components, refer to Page 2.3)
	103887	1	BOLT, Hex head (5/16"-18 x 3/4")
	103404	1	WASHER, Lock (5/16")
7	110363	1	ARM ASSEMBLY (1st Inner)
8	110328	1	ARM ASSEMBLY (1st Outer)
9	102236	12	PLATE, Center pin retainer
	103887	20	BOLT, Hex head (5/16"-18 x 1")
	103404	20	WASHER, Lock (5/16")
	101632	32	BOLT, Hex head (3/8"-16 x 3/4")
	103999	32	WASHER, Lock (3/8")
10	110408	6	PIN, Center (1.75" x 9.5")
11	101564	18	BUSHING, Center pin (1.75" x 1.5")
12	117840	6	BEARING, Thrust (not shown)
13	111135	8	BUMPER, Scissor arm (2.5" x 1-1/16") (Arm)
14	105395	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)
15	131952	16	SPACER, Bumper
16	114043	4	BAR, Centering
	103997	4	WASHER, Flat (1.25")
	103972	4	PIN, Cotter (1/4" x 2.5")
17	112440	1	WELDMENT, Centering bar pivot/lowering valve
	103865	1	BOLT, Adjusting (5/16"-18 x 2")
	103984	1	NUT, Lock (5/16"-18)
18	(Ref.)	1	VALVE AND VALVE BLOCK ASSEMBLY
		-	(For components, refer to Page 2.4)
19	(Ref.)	1	BEEPER, LIGHT AND HORN ASSEMBLY
		-	(For components, refer to Page 7.12)
20	110418	4	PIN, Centering bar pivot
21	101689	3	WELDMENT, Centering bar pivot
	103907	16	BOLT, Hex head (1/2"-13 x 11/2")
	103468	16	WASHER, Flat (1/2")
	103470	16	WASHER, Lock (1/2")
	103471	16	NUT, Hex (1/2"-13)
22	101523	8	BUSHING, Centering arm (1.25" x 3/4")
25	103997	4	WASHER, Flat (1.25")
24	115532	4	PIN, Cotter (1/4")
25	(Ref.)	2	LIFT CYLINDER ASSEMBLY
		-	(For components, refer to Page 2.5)
26	111172	1	CORD ASSEMBLY (Holding valve) (Not shown)
	127315	2	• CONNECTOR, Solenoid (with diode)
Parts list continued on the following page.			

Scissor Arm Assembly (Model 8831E) (Continued)

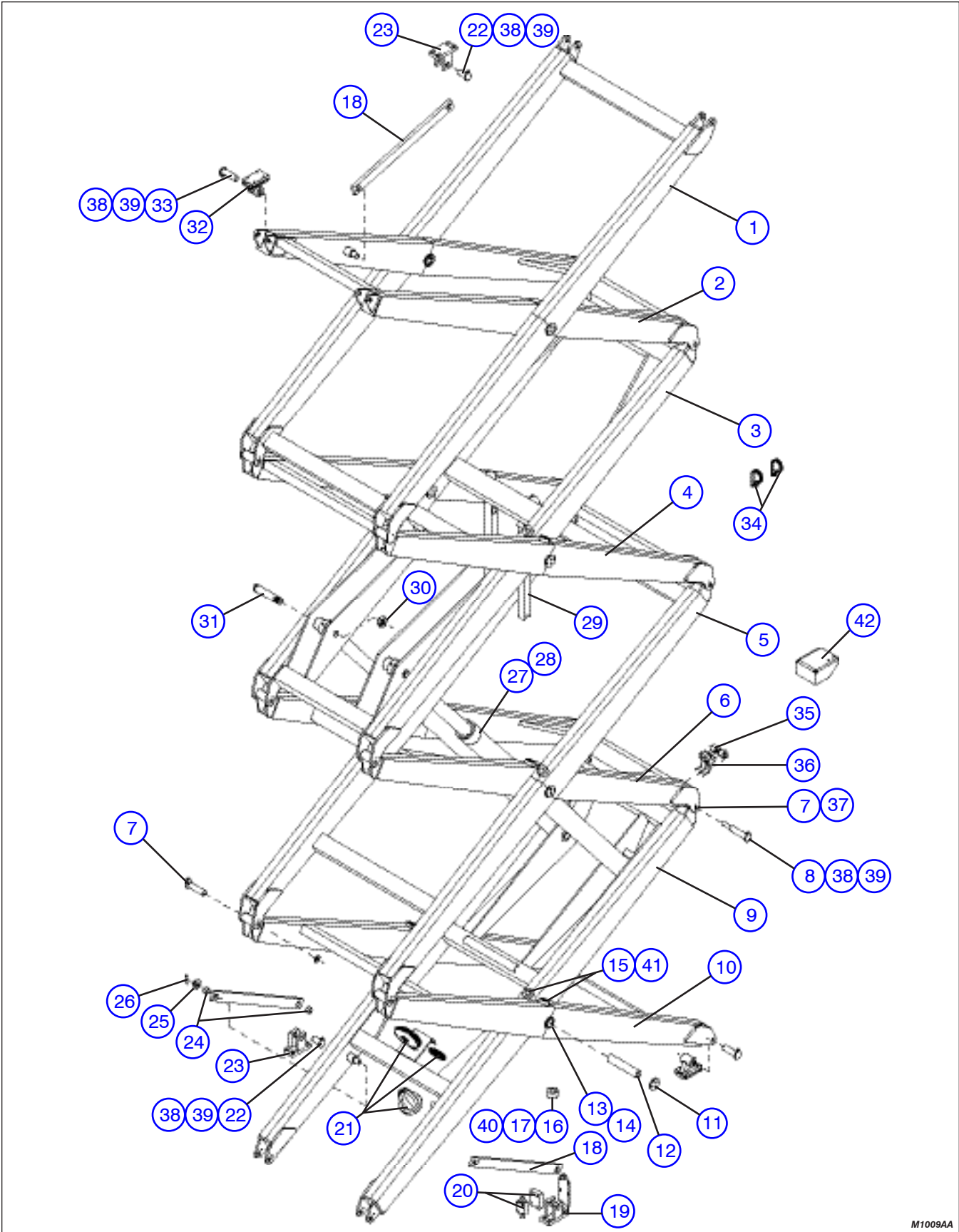


M1010AA

Scissor Arm Assembly (Model 8831E) (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
27	111954	1	LATCH ASSEMBLY (Safety bar)
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch
	103857	1	• BOLT, Hex head (1/4"-20 x 1", Grade 5)
	104000	1	• WASHER, Lock (1/4")
	103980	1	• NUT, Hex head (1/4"-20, Grade 5)
28	111137	4	NUT, Jam (2.125")
29	110409	4	PIN, Lift cylinder pivot
30	111225	8	SLIDER ASSEMBLY
	101949	4	• PIN (3/8" diameter x 1.25")
	105549	1	• WELDMENT, Slider
	101950	1	• PAD, Teflon (3/8" x 3.5" x 5.5")
	103701	2	• PAD, Teflon (3/8" x 1.25" x 5.5")
	117148	1	• KIT, Slider bushing
	117553	1	• • BUSHING (1" x 1.125" x 3/8")
	101581	2	• • BUSHING (1" x 1.125" x 1.25")
31	110413	4	PIN, Slider
32	124761	1	CLAMP ASSEMBLY (Ontario Hydro)
	103078	2	• CLAMP, Double (G10)
	124445	9	• CLAMP, Double
	103962	9	• SCREW, Machine (#10 - 32 x 0.5")
	104694	9	• WASHER, Flat (#10 SAE)
	104185	9	• WASHER, Lock (#10 NOM)
	104003	9	• NUT, Machine (#10-32, grade B)
	124763	1	• LABEL, Ontario Hydro
33	(Ref.)	-	CAM, Limit switch
		-	(For components, refer to Page 2.3)
34	(Ref.)	1	LIMIT SWITCH ASSEMBLY
		-	(For components, refer to Page 2.3)
	104698	2	BOLT, Machine (#10-32 x 3/4")
	104003	2	NUT, Machine (#10-32)
35	124642	AR	SPACER (1/4")
36	103887	AR	BOLT, Hex head (5/16"-18 x 3/4")
37	103404	AR	WASHER, Lock (5/16")
38	103938	AR	BOLT, Socket (3/8"-16 x 1.5", Grade 5)
39	103937	AR	BOLT, Socket (3/8"-16 x 3/4", Grade 5)
40	133130	1	COVER, Limit Switch
	112449	2	SCREW, Hex head machine (1/4"-20 x 1")
	104000	2	WASHER, Lock (1/4")
	103995	4	WASHER, Flat (1/4")
	103980	2	NUT, Hex head (1/4"-20, Grade 5)

Scissor Arm Assembly (Model 8841E)

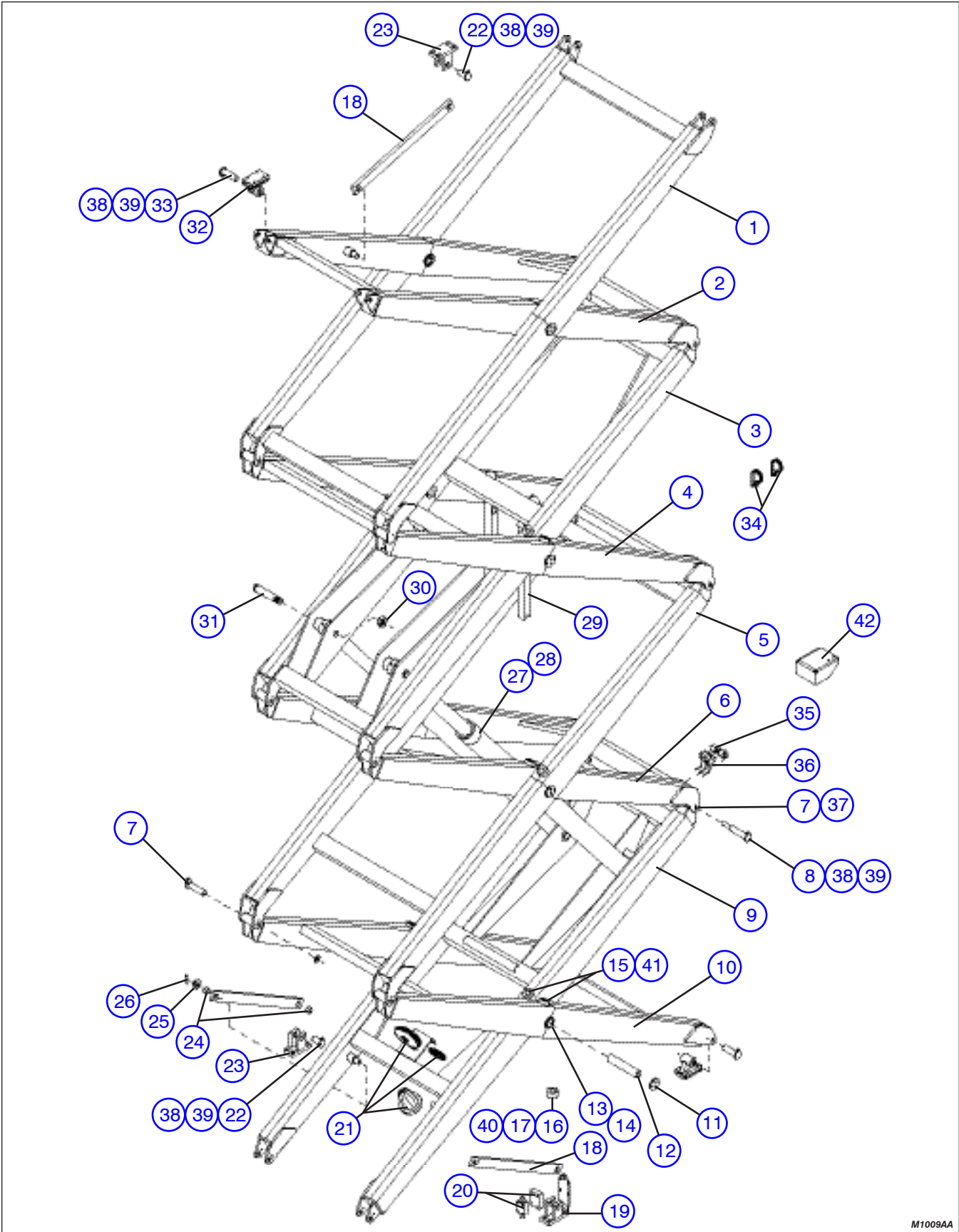


M1009AA

Scissor Arm Assembly (Model 8841E)

Index No.	Skyjack Part No.	Qty.	Description
-	110059		4 ARM SCISSOR ASSEMBLY
1	110361	1	ARM ASSEMBLY (4th Outer)
2	110389	1	ARM ASSEMBLY (4th Inner)
3	110381	1	ARM ASSEMBLY (3rd Inner)
4	110359	1	ARM ASSEMBLY (3rd Outer)
5	110347	1	ARM ASSEMBLY (2nd Outer)
6	110377	1	ARM ASSEMBLY (2nd Inner)
7	100071	AR	BUSHING, End pin (1.25" x 2")
8	110410	11	PIN, End (1.25") (without limit switch cam)
	(Ref.)	1	PIN, End (1.25") (with limit switch cam)
		-	(For components, refer to Pages 2.3)
9	110363	1	ARM ASSEMBLY (1st Inner)
10	110328	1	ARM ASSEMBLY (1st Outer)
11	102236	16	PLATE, Center pin retainer
	103887	16	BOLT, Hex head (5/16"-18 x 1")
	103404	16	WASHER, Lock (5/16")
	103473	32	BOLT, Hex head (3/8"-16 x 1")
	103999	32	WASHER, Lock (3/8")
12	110408	8	PIN, Center (1.75" x 9.5")
13	101564	48	BUSHING, Center pin (1.75" x 1.5")
14	117840	8	BEARING, Thrust
15	111135	12	BUMPER, Scissor arm (2.5" x 1-1/16") (Arm)
16	105395	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)
	103936	12	BOLT, Socket head (3/8"-16 x 1")
17	131952	16	SPACER, Bumper (2.5" diameter)
18	114043	4	BAR, Centering
19	112440	1	WELDMENT, Centering bar pivot/lowering valve
	103865	1	BOLT, Adjusting (5/16"-18 x 2")
	103984	1	NUT, Lock (5/16"-18)
20	(Ref.)	1	VALVE AND VALVE BLOCK ASSEMBLY
		-	(For components, refer to Page 2.4)
21	(Ref.)	1	BEEPER/LIGHT AND HORN ASSEMBLY
		-	(For components, refer to Page 7.12)
22	110418	4	PIN, Centering bar pivot
23	101689	AR	WELDMENT, Centering bar pivot
	103907	16	BOLT, Hex head (1/2"-13 x 1.75")
	103468	16	WASHER, Flat (1/2")
	103470	16	WASHER, Lock (1/2")
	103471	16	NUT, Hex (1/2"-13)
24	101523	8	BUSHING, Centering arm (1.25" x 3/4")
25	103997	4	WASHER, Flat (1.25")
26	115532	4	PIN, Cotter (1/4" x 2.5")
27	(Ref.)	2	LIFT CYLINDER ASSEMBLY
		-	(For components, refer to Page 2.5)
Parts list continued on the following page.			

Scissor Arm Assembly (Model 8841E) (Continued)



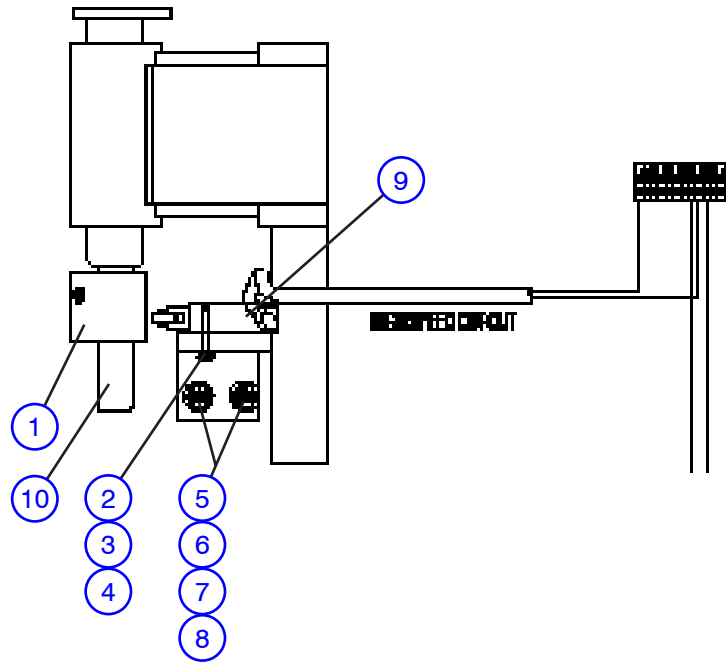
M1009AA

Scissor Arm Assembly (Model 8841E) (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
28	111172	1	CORD ASSEMBLY, Holding valve
	127315	2	• CONNECTOR, Black (with diode)
29	111954	1	LATCH ASSEMBLY, Safety bar
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch
	103855	1	• BOLT, Hex head (1/4"-20 x 1/2", Grade 5)
	104000	1	• WASHER, Lock (1/4")
	103980	1	• NUT, Hex head (1/4"-20, Grade 8)
30	111137	4	NUT, Jam (1.5"-12)
31	110409	4	PIN, Lift cylinder pivot
32	111225	8	SLIDER ASSEMBLY
	101949	4	• PIN (3/8" diameter x 1.25")
	105549	1	• WELDMENT, Slider
	101950	1	• PAD, Teflon (3/8" x 3.5" x 5.5")
	103701	2	• PAD, Teflon (3/8" x 1.25" x 5.5")
	117148	1	• KIT, Slider bushing
	117553	1	• • BUSHING (1" x 1.125" x 3/8")
	101581	2	• • BUSHING (1" x 1.125" x 1.25")
33	110413	8	PIN, Slider
34	124762	1	CLAMP ASSEMBLY (Ontario Hydro)
	103078	2	• CLAMP, Double (G10)
	124445	11	• CLAMP, Double
	103962	11	• SCREW, Machine (#10 - 32 x 1/2")
	104694	11	• WASHER, Flat (#10 SAE)
	104185	11	• WASHER, Lock (#10 NOM)
	104003	11	• NUT, Machine (#10 -32, Grade B)
	124763	1	• LABEL, Ontario Hydro
35	(Ref.)	-	CAM, Limit switch
		-	(For components, refer to Page 2.3)
36	(Ref.)	-	LIMIT SWITCH ASSEMBLY
		-	(For components, refer to Page 2.3)
37	124642	AR	SPACER (1/4")
38	103887	AR	BOLT, Hex head (5/16"-18 x 3/4")
39	103404	AR	WASHER, Lock (5/16")
40	103938	AR	BOLT, Socket (3/8"-16 x 1.5", Grade 5)
41	103937	AR	BOLT, Socket (3/8"-16 x 3/4", Grade 5)
42	133130	1	COVER, Limit Switch
	112449	2	SCREW, Hex head machine (1/4"-20 x 1")
	104000	2	WASHER, Lock (1/4")
	103995	4	WASHER, Flat (1/4")
	103980	2	NUT, Hex head (1/4"-20, Grade 5)

Notes

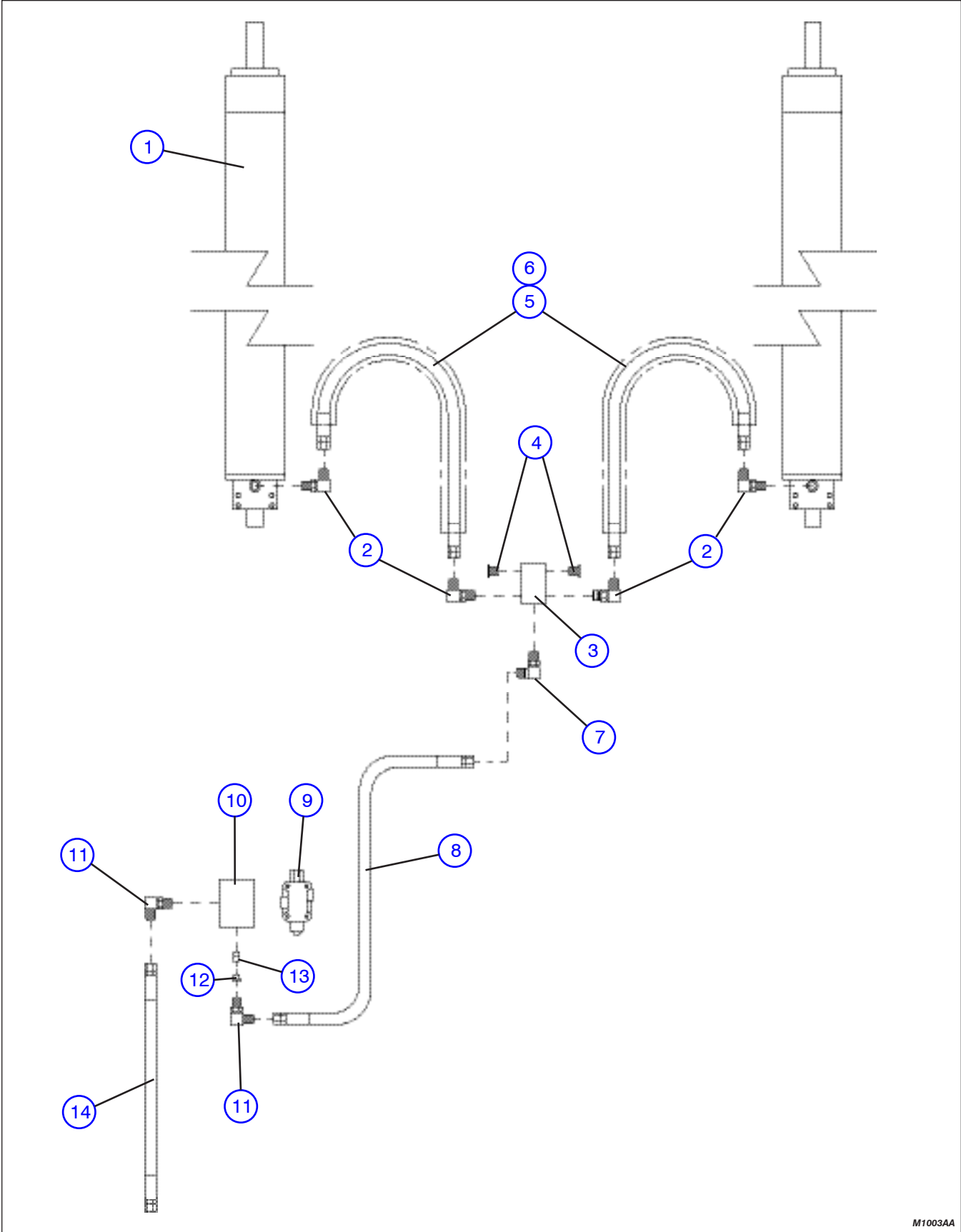
Scissor Arm Limit Switch Assembly



M133321AA

Index No.	Skyjack Part No.	Qty.	Description
-	139485	1	LIMIT SWITCH ASSEMBLY (CE)
1	100967	1	• CAM, Limit switch
2	105621	2	• BOLT, Machine (#10-32 x 1")
3	104185	2	• WASHER, Lock (#10 NOM)
4	104694	2	• WASHER, Flat (#10 SAE)
5	112449	2	• SCREW, Round head machine (1/4"-20 x 1")
6	104000	2	• WASHER, Lock (1/4")
7	103995	4	• WASHER, Flat (1/4")
8	103980	2	• NUT, Hex head (1/4"-20, Grade 5)
9	119296	1	SWITCH, Limit
10	110416	1	PIN

Hydraulic Hose Connections - Lift Cylinders

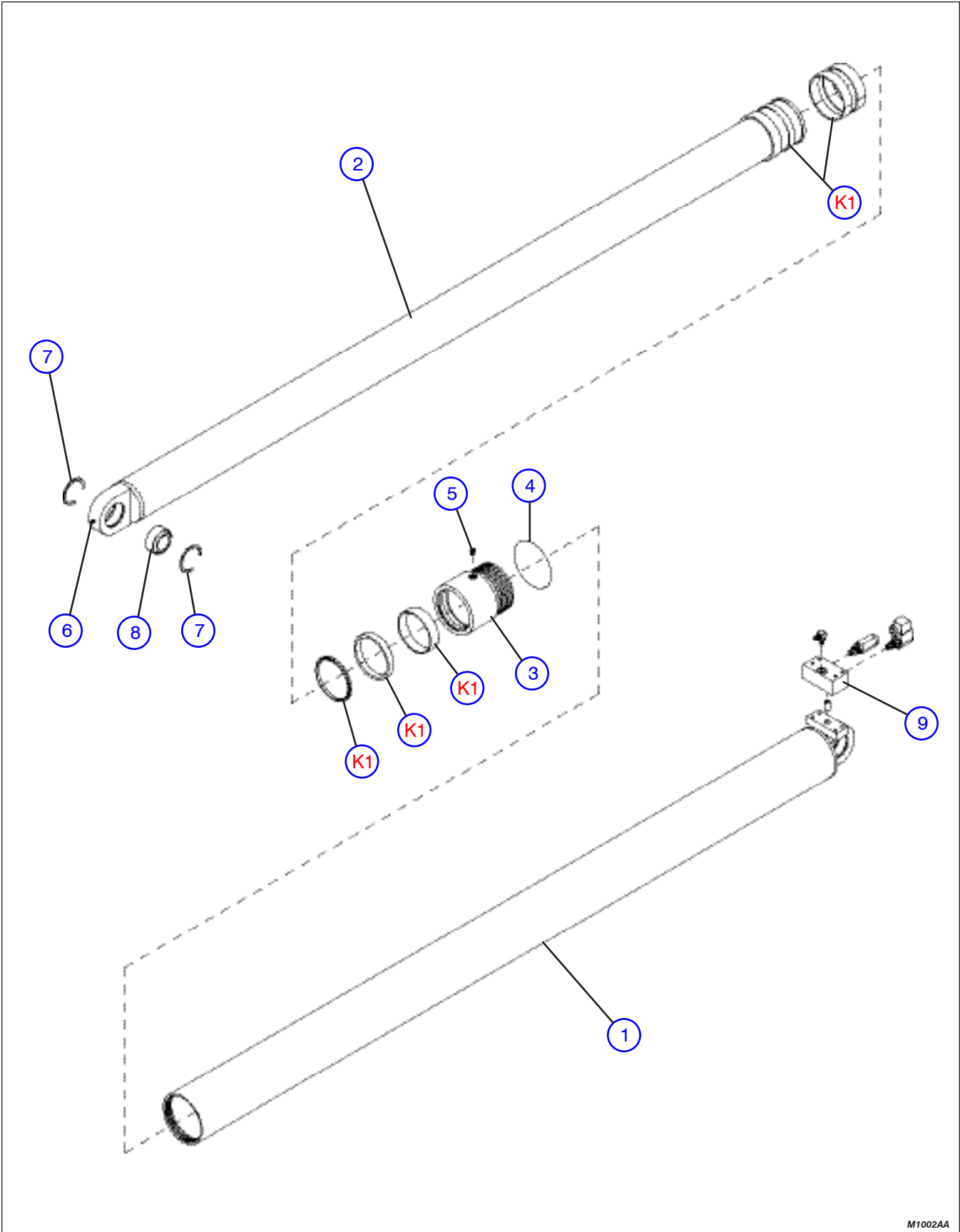


M1003AA

Hydraulic Hose Connections - Lift Cylinders

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	2	LIFT CYLINDER ASSEMBLY
		-	(For components, refer to Page 2.5)
2	114578	4	FITTING, Elbow 90° (#6orb-#6)
3	125430	1	BLOCK, Lift manifold
	103746	8	BOLT, Socket (5/16"-18)
	104637	8	WASHER, Lock (5/16")
4	104437	2	PLUG, Socket head (#6)
5	103090	2	CONDUIT, Convoluted (1.25" x 28")
6	110592	2	HOSE ASSEMBLY (Lift cylinder)
7	114582	1	FITTING, Elbow 90° (#8orb-#6)
8	114227	1	HOSE ASSEMBLY (Lift manifold to lowering valve manifold)
9	113556	1	LOWERING VALVE ASSEMBLY
	119085	1	• KIT, Seal repair
10	113494	1	BLOCK, Lowering valve manifold
11	114583	2	FITTING, Elbow 90° (#8orb-#8)
12	113496	1	SPACER, Orifice
13	114218	1	ORIFICE (0.070" diameter)
14	110473	1	HOSE ASSEMBLY (Lowering valve manifold to main manifold)

Lift Cylinder Assembly

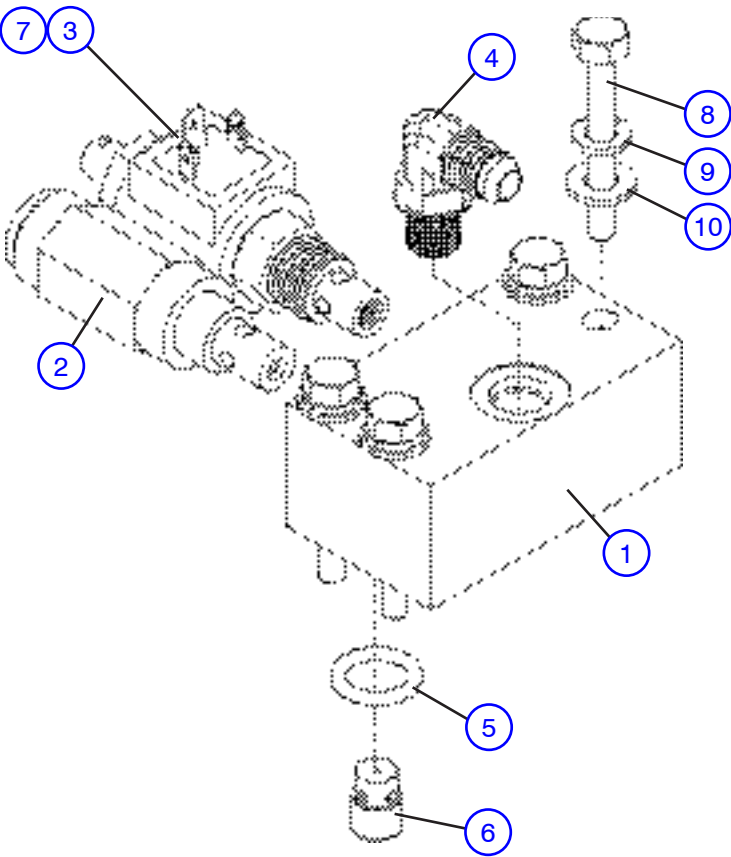


M1002AA

Lift Cylinder Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	120349	-	LIFT CYLINDER ASSEMBLY
1	120348	1	• WELDMENT, Cylinder barrel
2	109232	1	• WELDMENT, Cylinder rod
3	120317	1	• GLAND, Front end
4	120446	1	• O-RING, Front gland
5	102856	1	• PLUG, Socket head (3/8"-24)
6	102027	2	• FITTING, Grease (1/8" NPT)
7	109249	2	• RING, Retaining
8	109250	2	• BEARING, Spherical
9	(Ref.)	-	BLOCK, Lift cylinder manifold (For components, refer to Pages 2.6 & 2.7)
K1	112165	-	KIT, Seal repair

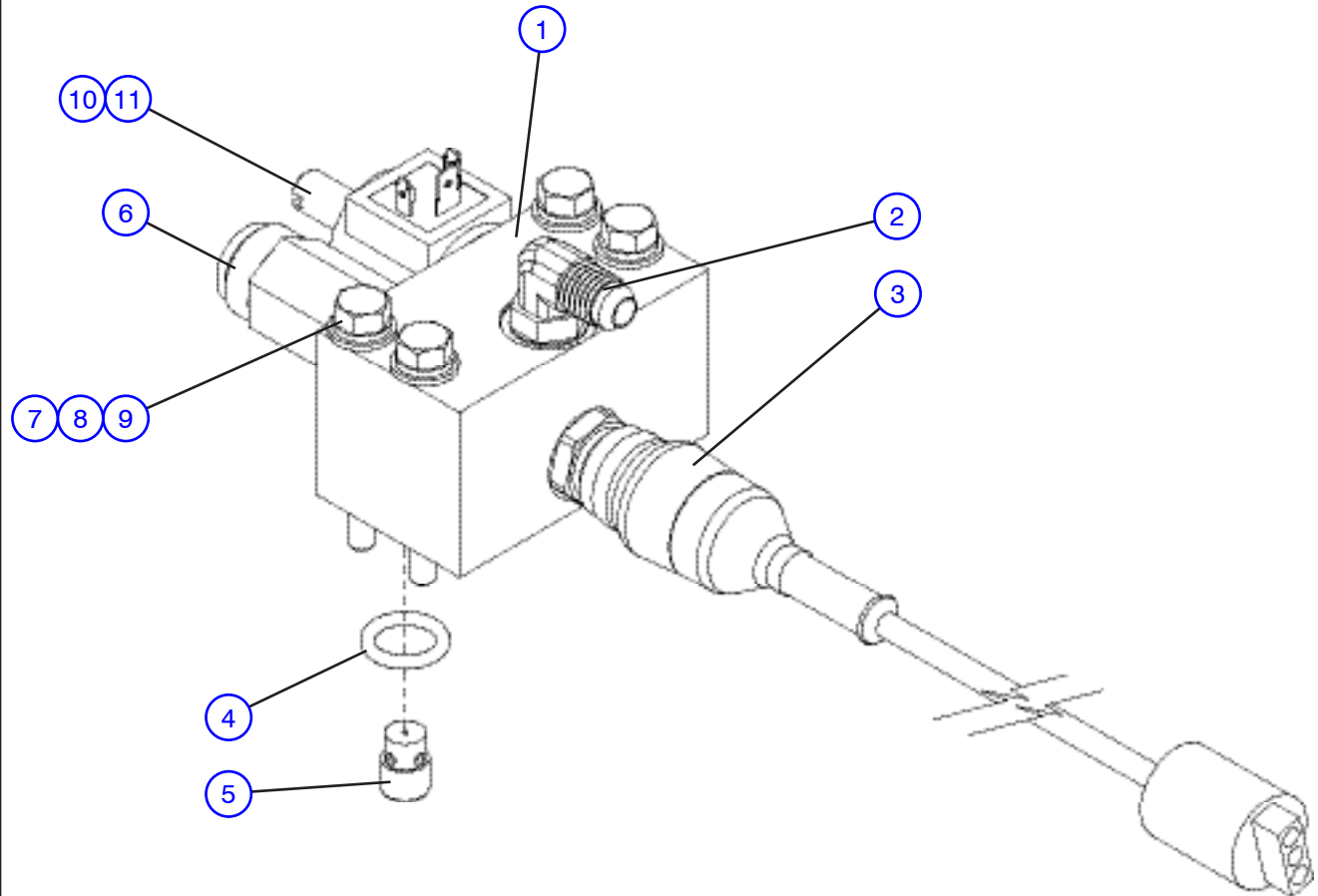
Holding Valve Assembly



M11218AA

Index No.	Skyjack Part No.	Qty.	Description
1	106688	1	BLOCK, Holding valve
	111316	1	• BLOCK, Manifold
	108052	2	• PLUG, Expander
2	106557	1	VALVE, Relief
3	107269	1	VALVE, Holding valve (N.C.)
4	114578	1	FITTING, Elbow 90° (06 JICM - 06 ORBM)
5	103403	1	SEAL, O-ring
6	120481	1	ORIFICE, One way (0.104" diameter)
7	104493	1	COIL, 24V
8	103931	4	BOLT, Socket (5/16"-18 x 2" Grade 5)
9	104637	4	WASHER, Lock (5/16" high collar 0.09)
10	103996	4	WASHER, Flat (5/16")

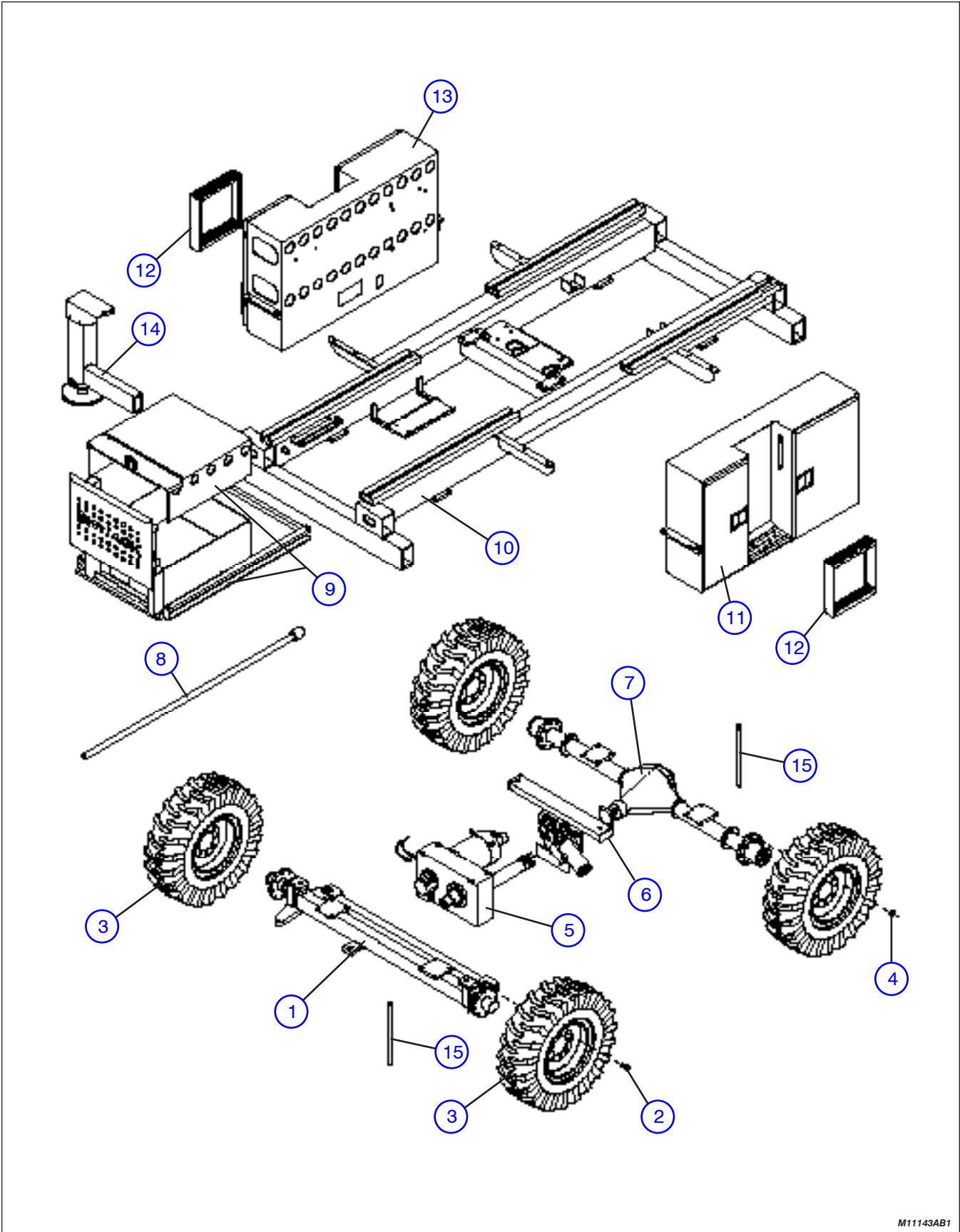
Holding Valve Assembly with Transducer



M10949AB

Index No.	Skyjack Part No.	Qty.	Description
1	130443	1	BLOCK, Holding valve
	130442	1	• BLOCK, Manifold
	108052	2	• PLUG, Expander
2	114578	1	FITTING, Elbow 90° (06 JICM - 06 ORBM)
3	134431	1	TRANSDUCER, Pressure (2000 psi) (Model 8831E)
	134432	1	TRANSDUCER, Pressure (3000 psi) (Model 8841E)
4	103403	1	SEAL, O-ring
5	120481	1	ORIFICE, One way (0.104" diameter)
6	106557	1	VALVE, Relief
7	103931	4	BOLT, Socket (5/16"-18 x 2", Grade 5)
8	104637	4	WASHER, Lock (5/16" high collar 0.09)
9	103996	4	WASHER, Flat (5/16")
10	107269	1	VALVE, Holding (N.C.)
11	104410	AR	COIL, 12V

Base, Axles and Wheels



M11143AB1

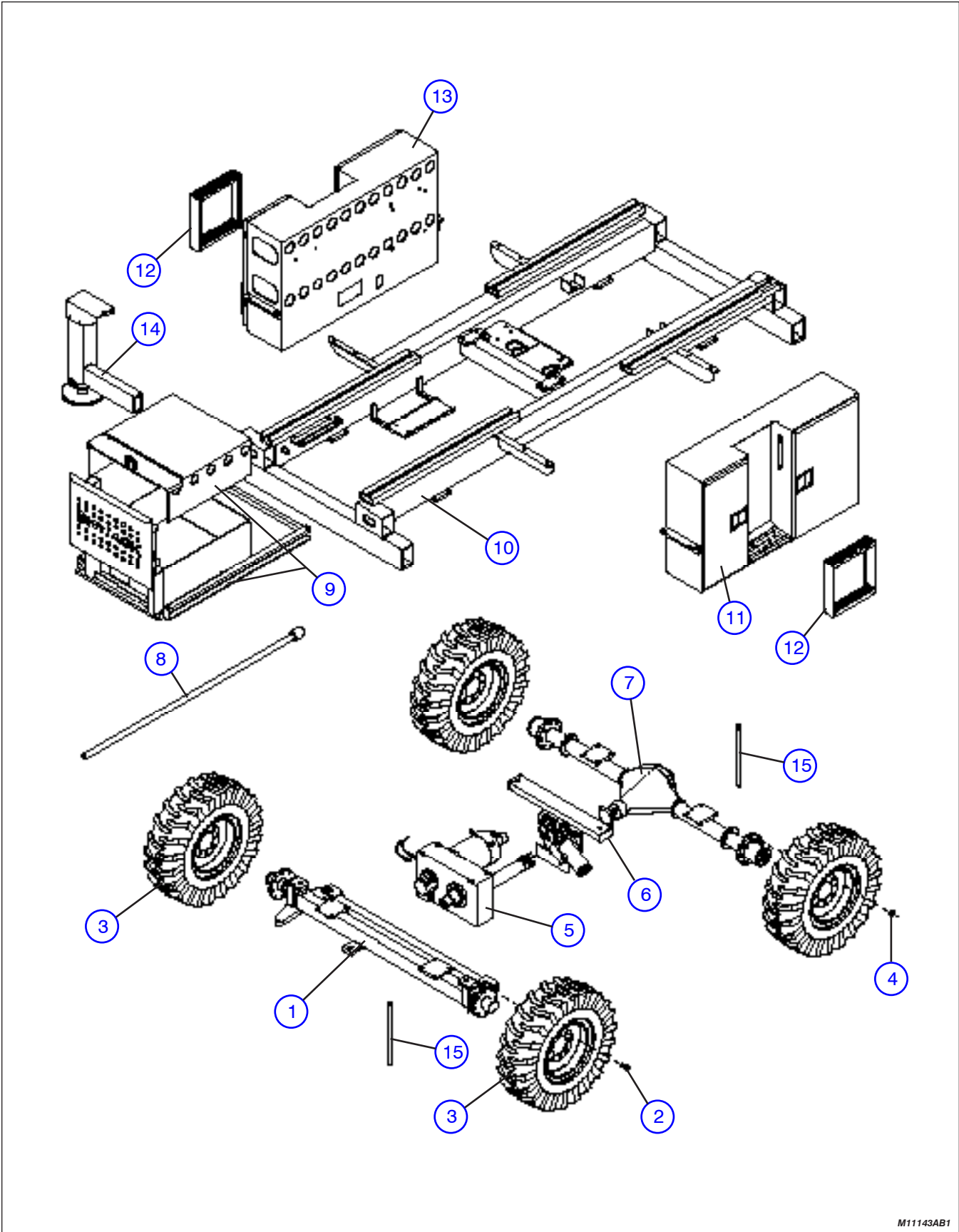
Base, Axles and Wheels

3

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	1	FRONT IDLE AXLE ASSEMBLY (2WD)
		-	(For components, refer to Page 3.6)
	(Ref.)	1	FRONT DRIVE AXLE ASSEMBLY (4WD)
		-	(For components, refer to Page 3.5)
2	123855	8	• BOLT, Hex head (1/2"-13 x 2.75", Grade 8)
	126286	8	• WASHER, Lock (Heavy duty, 1/2")
	123856	8	• NUT, Hex head (1/2"-13, Grade 8)
	(Ref.)	16	BOLT, Wheel (5/8"-18) (For front idle axle)
3		-	(For components, refer to Page 3.6)
	116801	16	NUT, Wheel (5/8"-18) (For front drive axle)
	130031	2	RIM/TIRE ASSEMBLY (Left hand, foam filled)
	130030	2	RIM/TIRE ASSEMBLY (Right hand, foam filled)
	129387	1	• TIRE (#6, "Carlisle" 10 ply 75 psi)
	112654	1	• RIM (#6, 16.5 x 8.25 x 8, 4.75" backspace)
	130043	1	• FOAM FILL
	134568	2	RIM/TIRE ASSEMBLY (Left hand, foam filled non-marking)
	134569	2	RIM/TIRE ASSEMBLY (Right hand, foam filled non-marking)
	134507	1	• TIRE (#6, "OTR")
	124673	1	• RIM (#6, "OTR", 4.75" backspace)
	130043	1	• FOAM FILL
4	116801	16	NUT, Wheel (5/8"-18) (For rear drive axle)
5	(Ref.)	1	GEAR BOX AND DC DRIVE MOTOR ASSEMBLY
		-	(For components, refer to Page 3.8)
	103907	4	• BOLT, Hex head (1/2"-13 x 1.5")
	103470	4	• WASHER, Lock (1/2")
6	103468	4	• WASHER, Flat (1/2")
	(Ref.)	1	DISC BRAKE ASSEMBLY
		-	(For components, refer to Page 3.10)
7	(Ref.)	1	REAR DRIVE AXLE ASSEMBLY
		-	(For components, refer to Page 3.12)
	123855	8	BOLT, Hex head (1/2"-13 x 2.75", Grade 8)
	126286	8	WASHER, Lock (heavy duty, 1/2")
8	123856	8	NUT, Hex head (1/2"-13, Grade 8)
	124342	1	KIT, Emergency lowering access bar
	108767	1	• BAR ASSEMBLY
	119920	2	• CLIP, Spring
	103964	2	• BOLT, Machine (#10-32 x 1/4")
	124160	2	• PIN, Locking
	(Ref.)	1	BATTERY ROLL-OUT TRAY ASSEMBLY
		-	(For components, refer to Page 3.13)
10	155772	1	WELDMENT, Base
	155789	1	WELDMENT, Base (with outriggers)

Parts list continued on the following page.

Base, Axles and Wheels (Continued)

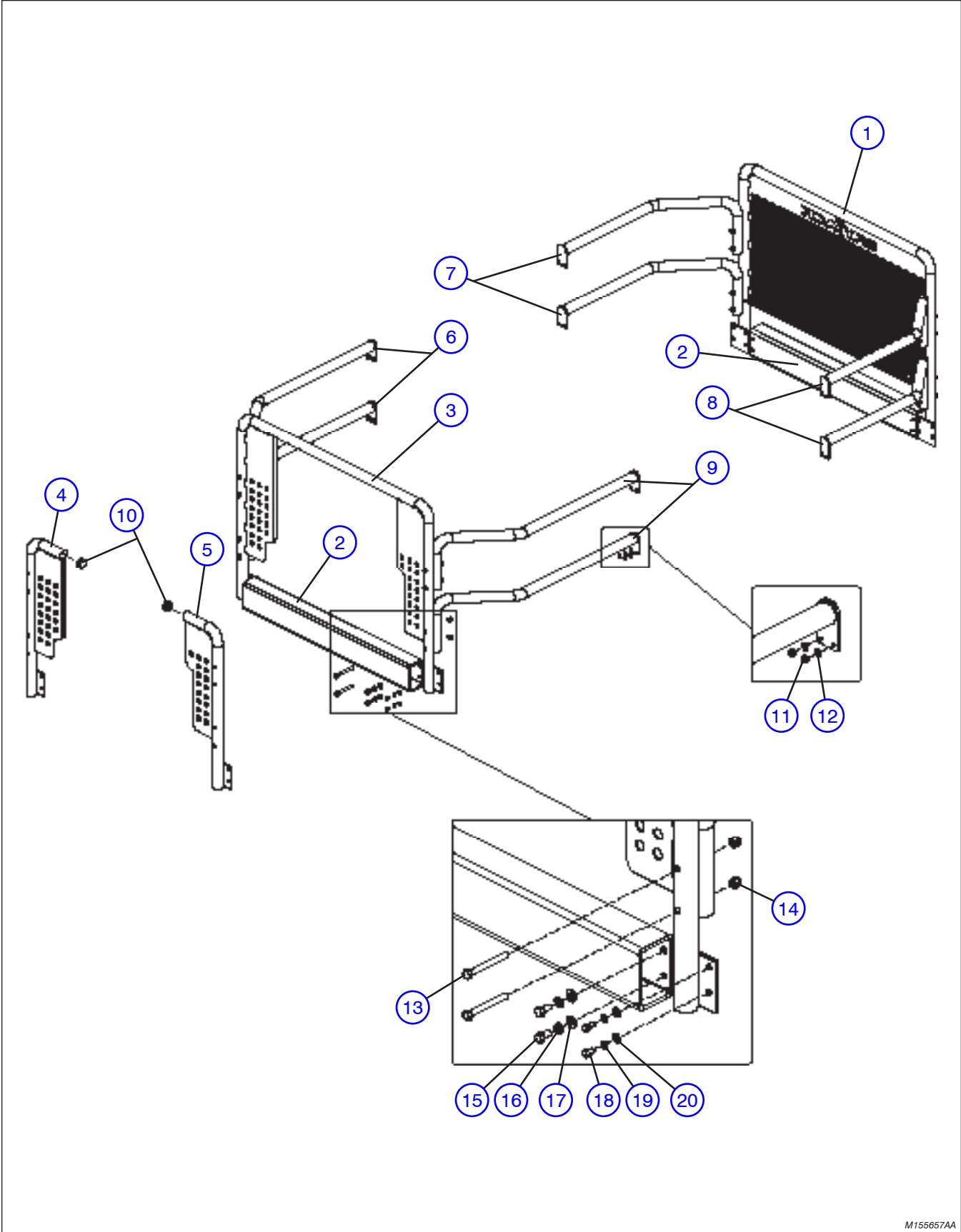


M11143AB1

Base, Axles and Wheels (Continued)

Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
11	(Ref.)	1	HYDRAULIC/ELECTRIC CABINET ASSEMBLY
		-	(For components, refer to Page 5.1)
12	154930	2	LADDER (Model 8831E)
	154942	2	LADDER (Model 8841E)
	103473	8	BOLT, Hex head (3/8"-16 x 1")
	103472	16	WASHER, Flat (3/8")
	103999	8	WASHER, Lock (3/8")
	103978	8	NUT, Hex (3/8"-16)
13	(Ref.)	1	HYDRAULIC OIL TANK/CHARGER CABINET ASSEMBLY
		-	(For components, refer to Page 4.1)
	103473	8	BOLT, Hex head (3/8"-16 x 1")
	103472	16	WASHER, Flat (3/8")
	103999	8	WASHER, Lock (3/8")
	103978	8	NUT, Hex (3/8"-16)
14	(Ref.)	4	OUTRIGGER ASSEMBLY (If equipped)
		-	(For components, refer to Page 7.1)
15	123760	1	STRAP, Static Assembly
	123752	2	• STRAP, Static
	101632	1	• BOLT (3/8"-16 x 3/4", Grade 5)
	103999	1	• WASHER, Lock (3/8" NOM)

Scissor Guard Assembly

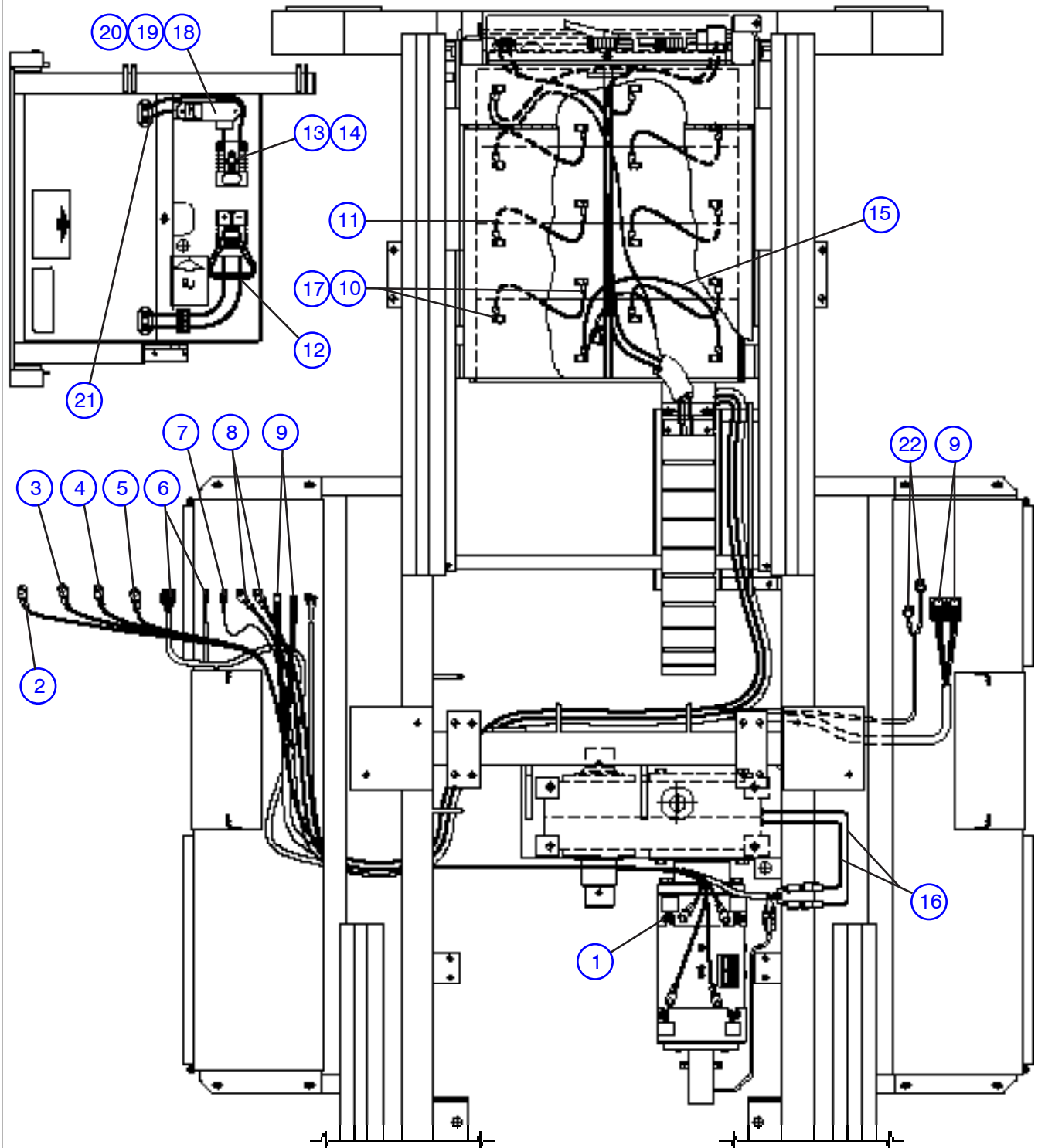


M155657AA

Scissor Guard Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	154896	1	SCISSOR GUARD ASSEMBLY (Model 8831E)
B	155658	1	SCISSOR GUARD ASSEMBLY (Model 8841E)
1	155659	1	• WELDMENT, Rear guard, A
	154729	1	• WELDMENT, Rear guard, B
2	154747	2	• BUMPER, Tube
3	155660	1	• WELDMENT, Front guard, B
4	154914	1	• WELDMENT, Front guard (Left hand), A
5	154919	1	• WELDMENT, Front guard (Right hand), A
6	154734	2	• WELDMENT, Front right guard
7	154731	2	• WELDMENT, Rear right guard
8	154732	2	• WELDMENT, Rear left guard
9	154733	2	• WELDMENT, Front left guard
10	154897	2	END CAP (2" diameter)
11	103984	16	NUT, Hex nylon lock (5/16"-18, Grade 5)
12	103996	16	WASHER, Flat (5/16")
13	111420	16	BOLT, Hex head (1/2"-13 x 4.5", Grade 5)
14	702507	16	NUT, Hex nylon lock (1/2"-13, Grade 5)
15	103911	8	BOLT, Hex head (1/2"-13 x 1", Grade 5)
16	103470	8	WASHER, Lock (1/2", Grade 5)
17	103468	8	WASHER, Flat (1/2")
18	101632	16	BOLT, Hex head (3/8"-16 x 3/4", Grade 5)
19	103999	16	WASHER, Lock (3/8")
20	103472	16	WASHER, Flat (3/8")

Electrical components - Base

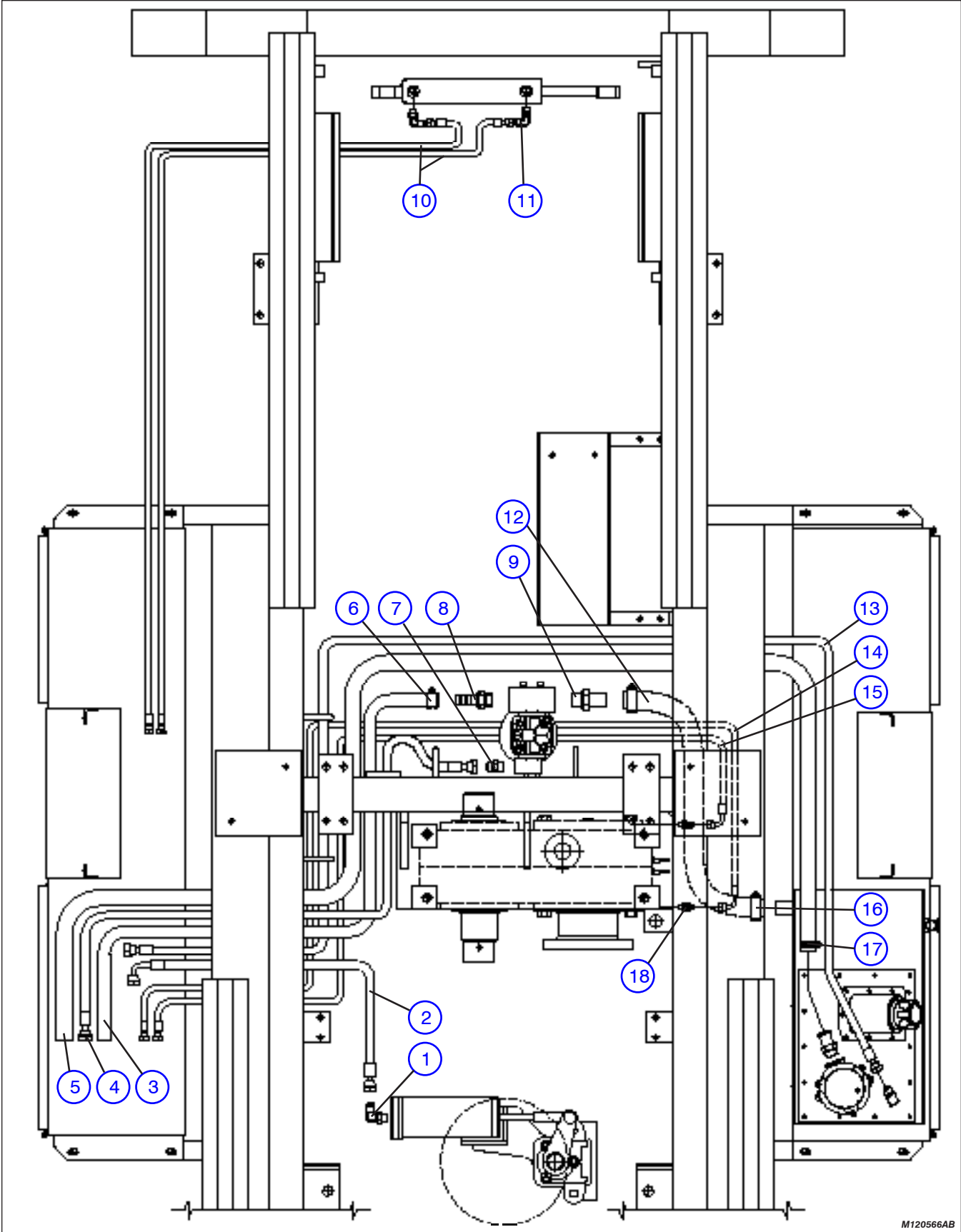


M120072AF

Electrical components - Base

Index No.	Skyjack Part No.	Qty.	Description
1	105600	4	BATTERY, Boot Red
2	119567	1	CABLE ASSEMBLY, Battery (S2)
3	119566	1	CABLE ASSEMBLY, Battery (S1)
4	120765	1	CABLE ASSEMBLY, Battery (A2)
5	120767	1	CABLE ASSEMBLY, Battery (A1)
6	120337	1	HARNESS, Proximity/Tachometer
	117579	2	• PLUG, Connector (4 pin)
	117581	2	• PLUG, Connector wedge (4 pin)
	117593	6	• CONTACT SOCKET (14-16)
	119894	1	• CONNECTOR, PC board (2 pin)
	119898	1	• CONNECTOR, PC board (6 pole)
7	120071	1	HARNESS ASSEMBLY, Center tap
	119894	1	• CONNECTOR, PC board (2 pole)
	119293	1	• HOLDER, Fuse (with cover)
	120658	1	• FUSE (10 Amp)
8	119571	1	CABLE ASSEMBLY (Disconnect to panel)
	117493	1	• CONNECTOR
	117494	2	• CONTACT
9	124512	1	CHARGER HARNESS ASSEMBLY
	103206	2	• CONNECTOR, Red battery (50 Amp)
10	120394	8	BOOT, Battery black (large)
	120395	8	BOOT, Battery red (large)
11	119568	6	CABLE ASSEMBLY, Battery
12	123184	-	DUAL CHARGER ADAPTER (4')
	117493	1	• CONNECTOR, Battery
	119829	1	• HANDLE, Battery disconnect
	117494	2	• CONTACT
	103206	2	• CONNECTOR, Battery (50 AMP)
13	119570	1	BATTERY CONNECTOR ASSEMBLY
	117493	1	• CONNECTOR
	117494	2	• CONTACT
14	119827	1	PLATE, Disconnect
15	119569	1	BATTERY CABLE ASSEMBLY
16	116758	2	SENSOR, Proximity
	117578	2	RECEPTACLE, Connector (4 pin)
	117580	2	RECEPTACLE, Connector wedge (4 pin)
	117590	6	CONNECTOR, Contact (pin 16-18)
	117594	4	CONNECTOR, Seal
17	103404	16	WASHER, Lock (5/16")
18	119815	1	BOX, Fuse
19	119364	1	FUSE (400 Amp)
20	103068	2	INSULATOR, Fuse
21	120112	1	CABLE ASSEMBLY
22	120100	1	HARNESS, Charger Cut-out
	116992	2	• PLUG, Male housing (2 Pole)
	116990	4	• PIN, Female

Hydraulic Hose Connections - Base



M120566AB

Hydraulic Hose Connections - Base

Index No.	Skyjack Part No.	Qty.	Description
1	114583	1	FITTING, Elbow 90° (#8orb-#8)
2	114388	1	HOSE ASSEMBLY (Brake)
3	119854	1	HOSE (Large pump to small pump)
4	110473	1	HOSE ASSEMBLY (Pump)
5	120057	1	HOSE (Tank to manifold)
6	114402	1	CLAMP
7	102659	1	FITTING, Connector (#8orb-#8)
8	108799	1	HOSE, Barb
9	114325	1	FITTING, Pump suction
10	109418	2	HOSE ASSEMBLY (Steer)
11	114578	2	FITTING, Elbow 90° (#6orb-#6)
12	120056	1	HOSE, (Drive suction to pump)
13	110475	1	HOSE ASSEMBLY (Tank)
14	114233	1	HOSE ASSEMBLY (Gearbox to manifold)
15	114234	1	HOSE ASSEMBLY (Gearbox to manifold)
16	114326	2	CLAMP, Hose (1.58")
17	102854	1	CLAMP (#12)
18	116800	2	FITTING, Special gear box

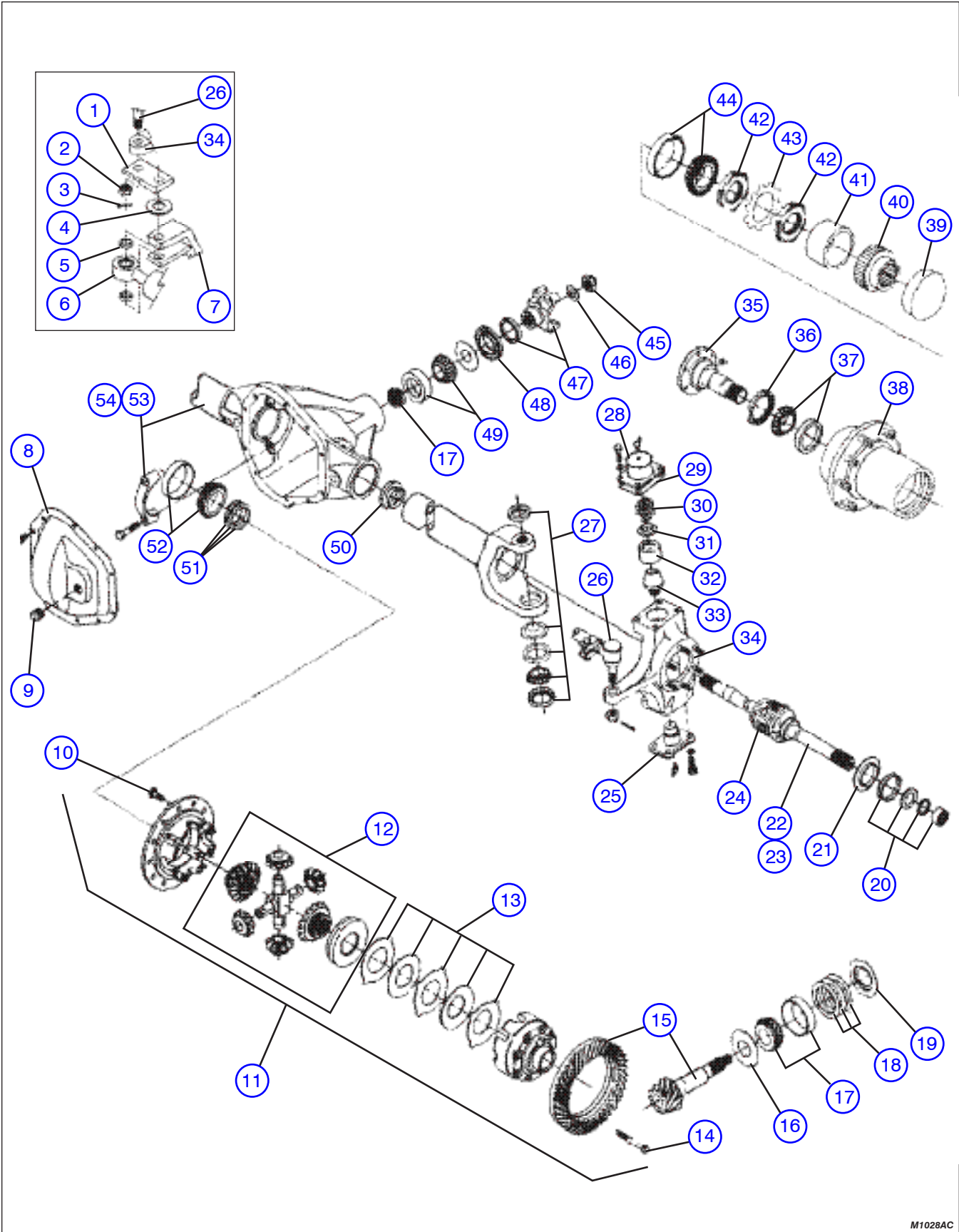
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The parts are numbered 1 through 54. The diagram shows the main housing (11) with various internal components like gears (12, 13), shafts (14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25), and bearings (26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44). A separate inset shows a sub-assembly of parts 1 through 7. The main assembly is shown in a disassembled state to show the relationship between the various components.

M1028AC

Front Drive Axle Assembly - All Wheel Drive

Index No.	Skyjack Part No.	Qty.	Description
A	115602	-	MODIFIED AXLE ASSEMBLY, Front drive (5.13 ratio)
1	120845	1	• WELDMENT, Steering arm support (Must use castle nut #120191)
2	120191	1	• NUT, Hex castle
3	122071	1	• PIN, Cotter (1/8 X 2")
4	103264	1	• WASHER, Bronze (1" x 2" x 1/8")
5	102028	4	• SPACER (3/4" x 1" x 7/16")
6	(Ref.)	1	• STEER CYLINDER ASSEMBLY
		-	(For components, refer to Page 3.7)
7	102030	1	• WELDMENT, Steering arm
-	115728	1	• FRONT DRIVE AXLE ASSEMBLY (DANA #070BA502-14)
8	108394	1	• • COVER, Carrier
9	113888	1	• • PLUG, Carrier cover
10	113891	12	• • BOLT, Drive gear
11	113908	1	• • DIFFERENTIAL ASSEMBLY
12	115371	1	• • • GEAR SET, Internal differential
13	113909	AR	• • • KIT, Disc and plate
14	113910	8	• • • BOLT, Differential case
15	117130	1	• • DRIVE GEAR AND PINION SET
16	113879	1	• • SLINGER, Inner pinion
17	113880	1	• • BEARING ASSEMBLY (Inner pinion)
18	113881	AR	• • KIT, Pinion adjusting shim
19	113882	1	• • SLINGER, inner pinion bearing
20	113901	AR	• • KIT, Spindle bearing and seal
21	708440	2	• • SLINGER
22	110070	1	• • AXLE SHAFT ASSEMBLY (Left hand, 37" long) (Includes item #35)
23	115303	1	• • AXLE SHAFT ASSEMBLY (Right hand, 47" long) (Includes item #35)
24	113900	2	• • JOINT, Universal drive
25	113897	2	• • CAP, Lower king pin
26	115373	1	• • TIE ROD ASSEMBLY
	\$	1	• • • TIE ROD
	113792	1	• • • END, Tie rod (Right hand)
	113793	1	• • • END, Tie rod (Left hand)
27	108392	AR	• • KIT, King pin seal and bearing
28	113899	2	• • CAP, Upper king pin
29	113898	2	• • GASKET, Upper king pin
30	113896	2	• • SPRING, upper king pin
31	113895	2	• • RETAINER, Spring
32	108388	2	• • BUSHING, upper king pin
33	105817	2	• • PIN, Upper king
Parts list continued on the following page.			

Front Drive Axle Assembly - All Wheel Drive (Continued)

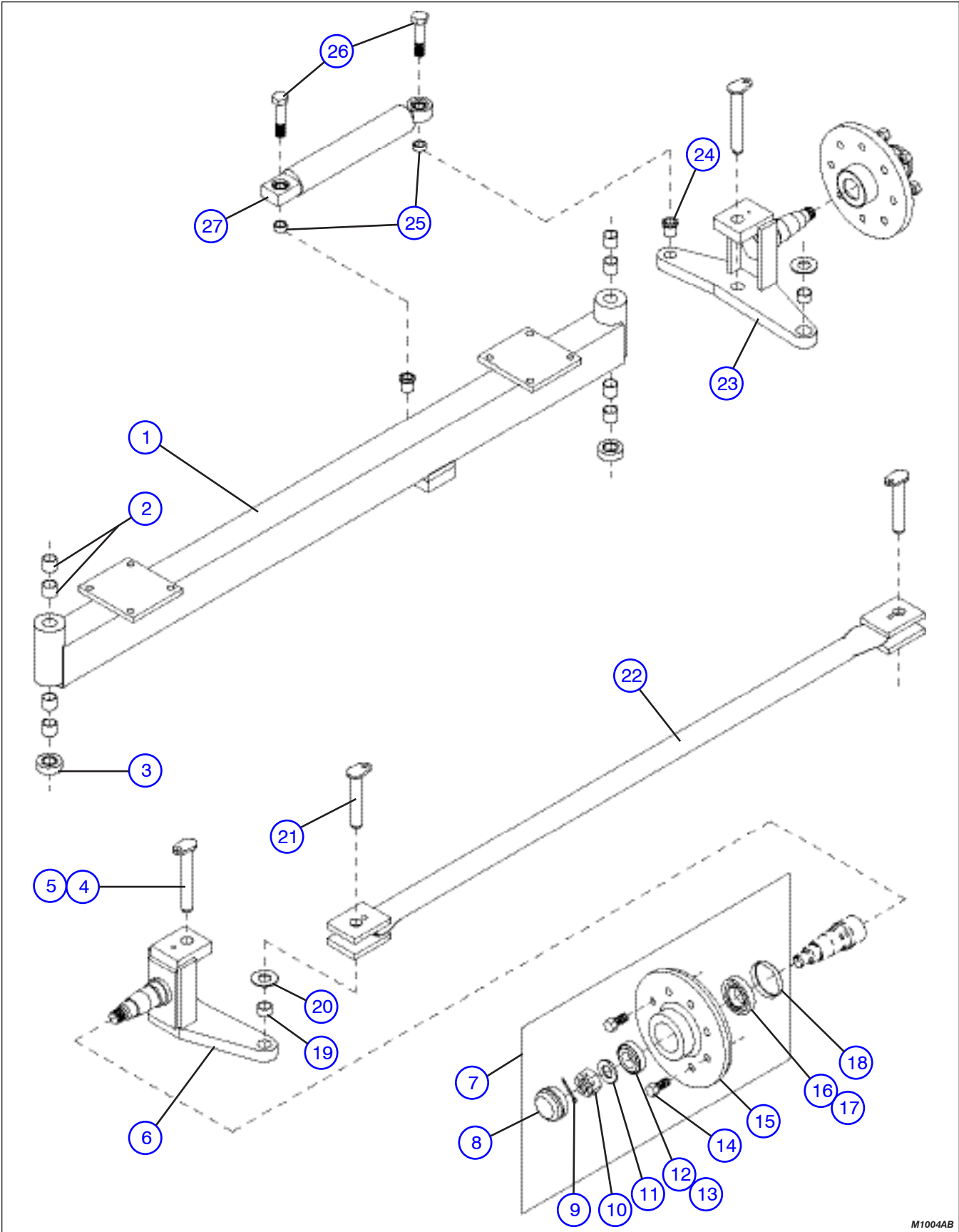


M1028AC

Front Drive Axle Assembly - All Wheel Drive (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
34	113732	1	• • KNUCKLE, Steering (Left hand) (shown)
	113733	1	• • KNUCKLE, Steering (Right hand) (opposite)
35	113902	2	• • SPINDLE ASSEMBLY
36	108393	2	• • SEAL, Wheel hub
37	108390	2	• • BEARING ASSEMBLY (Inner hub)
38	113903	2	• • HUB, Wheel
	111719	16	• • • STUD, Wheel (5/8"-18) (Right hand)
39	113907	2	• • CAP, Hub
40	119179	2	• • GEAR, Drive
	134763	2	• • • RING, Snap
41	119180	2	• • SPACER, Drive gear
42	113904	4	• • NUT, Bearing retaining
43	113905	2	• • WASHER, Retaining nut lock
44	108391	2	• • BEARING ASSEMBLY (Outer hub)
45	113886	1	• • NUT, Pinion
46	113885	1	• • WASHER, Pinion nut
47	113887	1	• • END YOKE ASSEMBLY
48	113884	1	• • SEAL, Pinion
49	113883	1	• • BEARING ASSEMBLY (Outer pinion)
50	113893	1	• • SEAL AND GUIDE ASSEMBLY
51	113890	AR	• • KIT, Differential bearing shim
52	113889	2	• • BEARING ASSEMBLY (Differential)
53	\$	1	• • HOUSING WITH BEARING CAPS (Front drive axle)
54	113892	1	• • PLUG, Vent

Front Idle Axle Assembly - 2 Wheel Drive



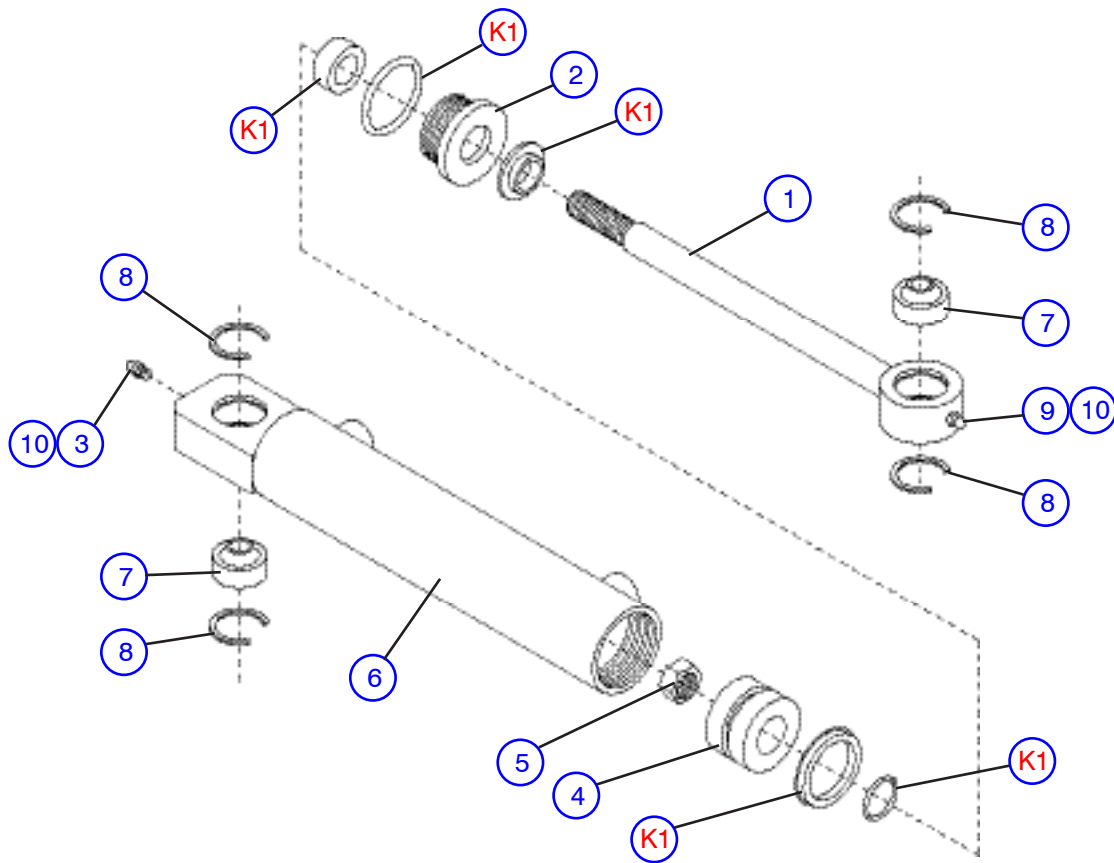
M1004AB

Front Idle Axle Assembly - 2 Wheel Drive

Index No.	Skyjack Part No.	Qty.	Description
A	120345	-	AXLE ASSEMBLY, Front idle
1	108487	1	• WELDMENT, Front idle axle
2	100249	8	• BUSHING (1"ID x 3/4")
3	101801	2	• BEARING, Thrust
4	102230	2	• PIN, Spindle
	103887	2	• • BOLT, Hex head (5/16"-18 x 3/4")
	103996	2	• • WASHER, Flat (5/16")
5	102027	2	• NIPPLE, Grease
6	111755	1	• WELDMENT, Spindle arm (Left hand)
7	107908	2	• HUB ASSEMBLY (Front wheel)
8	103220	2	• • CAP, Dust
9	103085	2	• • PIN, Cotter (3/16" x 1.5")
10	104351	2	• • NUT, Castle (1"-14)
11	102646	2	• • WASHER, Flat
12	102978	2	• • BEARING, Outer cup
13	103009	2	• • BEARING, Outer cone
14	103198	16	• • BOLT, Wheel
15	102905	2	• • HUB, Front wheel
16	102979	2	• • BEARING, Inner cup
17	103004	2	• • BEARING, Inner cone
18	120414	2	• • SEAL, Grease
19	100309	2	• BUSHING
20	103264	2	• WASHER, Bronze (1" x 2" x 1/8")
21	102229	2	• PIN, Tie bar
	103845	2	• • BOLT, Hex head (5/16"-18 x 1/2", Grade 5)
	103996	2	• • WASHER, Flat (5/16")
22	101995	1	• WELDMENT, Tie bar
23	111756	1	• WELDMENT, Spindle arm (Right hand)
24	113432	2	SLEEVE, Cylinder mounting bolt
25	102028	2	SPACER, Steer cylinder
26	113489	2	BOLT, Hex head (3/4"-10 x 3.25", Grade 8)
	103990	2	WASHER, Flat (3/4")
	104002	2	WASHER, Lock (3/4")
	100252	2	NUT, Jam (3/4"-10)
27	(Ref.)	1	STEER CYLINDER ASSEMBLY
		-	(For components, refer to Page 3.7)

Notes

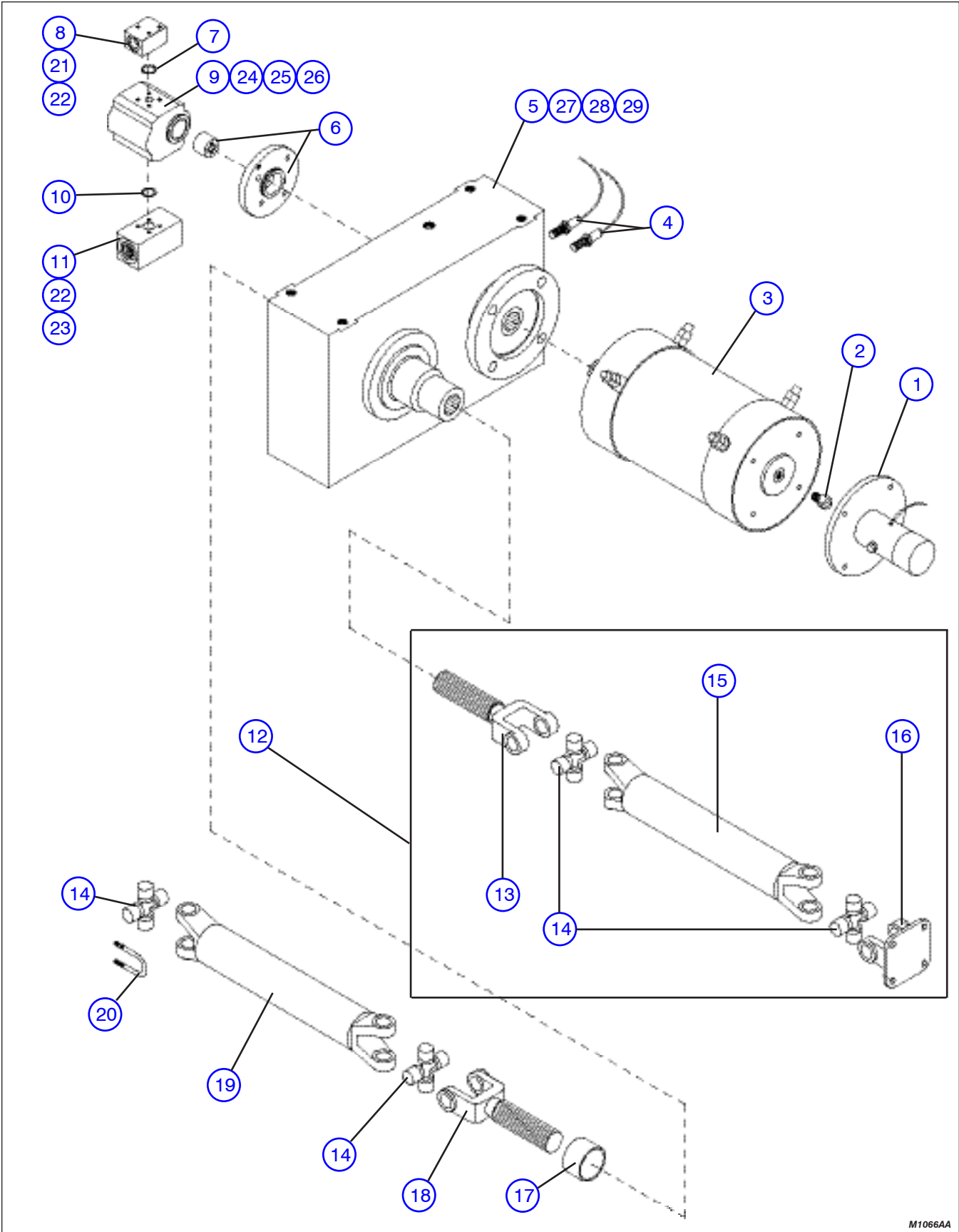
Steer Cylinder Assembly



M120405AE

Index No.	Skyjack Part No.	Qty.	Description
-	120405	-	STEER CYLINDER ASSEMBLY
1	113347	1	• ROD, Steering
2	120401	1	• GLAND, Front end
3	103513	2	• FITTING, Grease
4	120633	1	• PISTON, Cylinder
5	103830	1	• NUT, Lock (5/8"-11, Grade C)
6	120404	1	• WELDMENT, Cylinder barrel
7	102025	2	• BEARING, Spherical
8	104114	AR	• RING, Retaining
9	104350	1	• FITTING, Elbow 90° (1/4"-28)
10	132565	2	• CAP, Grease fitting
K1	121108	1	KIT, Seal Repair

Pump, Gear Box and Drive Motor Assembly

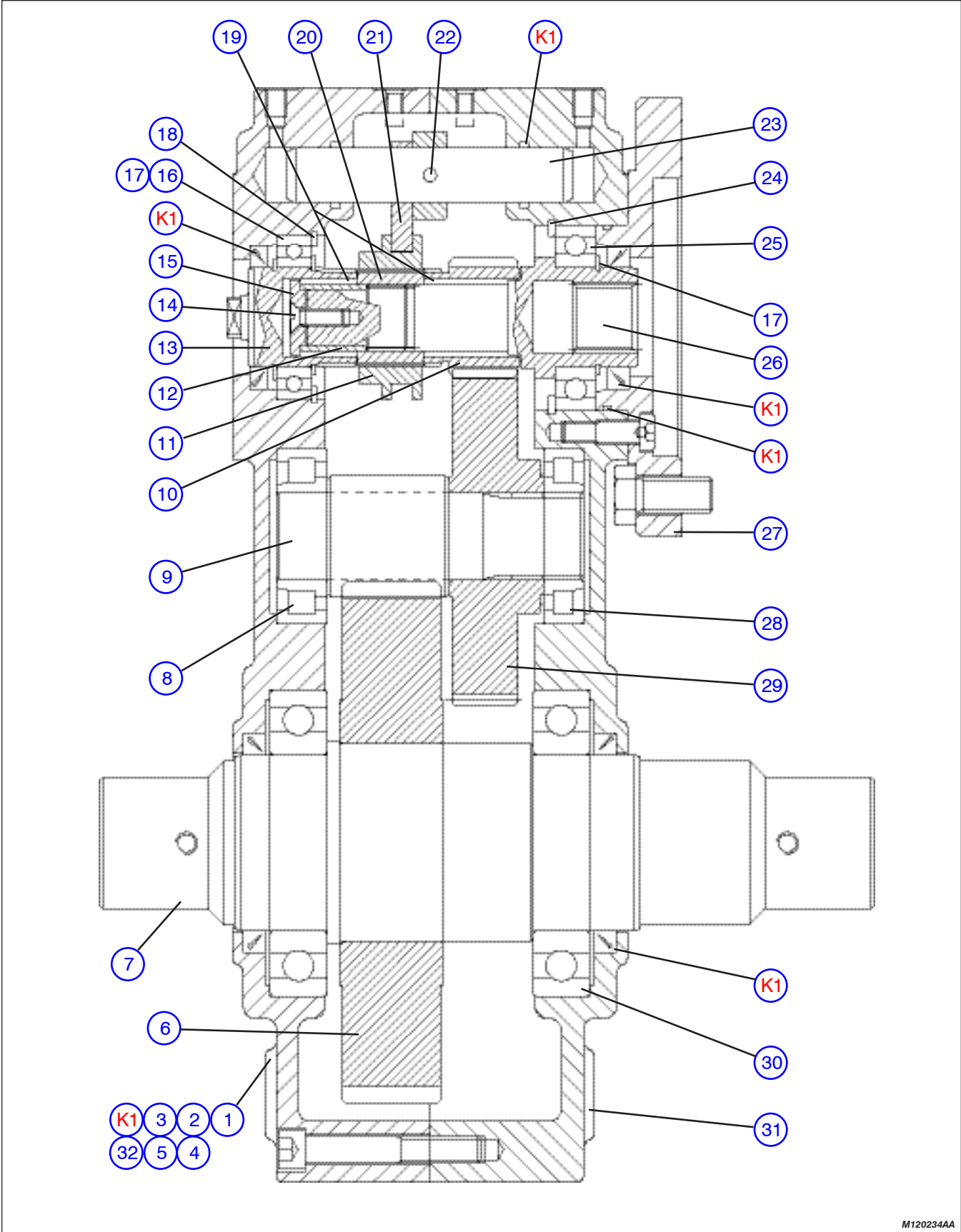


M1066AA

Pump, Gear Box and Drive Motor Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	120110	1	TACH GENERATOR ASSEMBLY
	117074	1	• HOUSING, Tach generator
	103864	4	• BOLT, Hex head (5/16"-18 x 1")
	103404	4	• WASHER, Lock (5/16")
	103880	2	• BOLT, Hex head (3/8"-24 x 3/4")
	103979	2	• NUT, Hex head (3/8"-24)
	700227	1	• GENERATOR, Tachometer
	700487	1	• COUPLING, Rubber
	117071	1	• COLLAR, Generator
	114271	1	• CAP, Vinyl
2	700081	1	• COUPLER, Motor generator
3	116757	1	MOTOR, Electric drive
	103899	4	BOLT, Hex head (5/8"-11 x 1.5")
	103998	4	WASHER, Lock (5/8")
4	(Ref.)	2	SENSORS, Proximity (Pump/Drive)
		-	(For components, refer to Page 3.3)
5	(Ref.)	1	GEAR BOX ASSEMBLY
		-	(For components, refer to Page 3.9)
6	120228	1	KIT, Pump adapter
	120221	1	• PLATE, Pump adapter
	120224	4	• BOLT, Socket head (M8 x 60 mm)
	120222	1	• COUPLING, Pump adapter
	120223	1	• SEAL, O-ring
7	120002	1	SEAL, O-ring (Pump to pressure manifold)
8	119750	1	BLOCK, Manifold pressure
9	119999	1	PUMP, Hydraulic gear
10	120001	1	SEAL, O-ring (Pump to suction manifold)
11	120000	1	BLOCK, Suction junction
12	128793	-	SHAFT ASSEMBLY (Rear Drive)
13	128789	1	• YOKE, Rear drive shaft
14	128791	2	• KIT, Universal joint
15	128792	1	• SHAFT, Rear drive
16	128790	1	• FLANGE, Drive shaft yoke
17	112709		CAP, 2WD Dust
18	103099	1	YOKE, Front drive (4WD)
19	116179	1	SHAFT, Front drive (4WD)
20	103084	1	U-BOLT KIT, Front drive shaft (4WD)
21	121756	4	BOLT, Socket head (M6 x 45mm x 1)
22	121758	8	WASHER, Lock (#6)
23	121757	4	BOLT, Socket head (M6 x 60 mm x 1)
24	116756	2	BOLT, Socket head (M8 x 110 mm x 1.25)
25	116218	2	WASHER, Lock (M8)
26	103996	4	WASHER, Flat (5/16" SAE)
27	100844	4	BOLT, Hex head (5/8"-11 x 2.75")
28	100352	4	WASHER, Flat (5/8")
29	111577	4	NUT, Lock (5/8"-11)

Gear Box Assembly

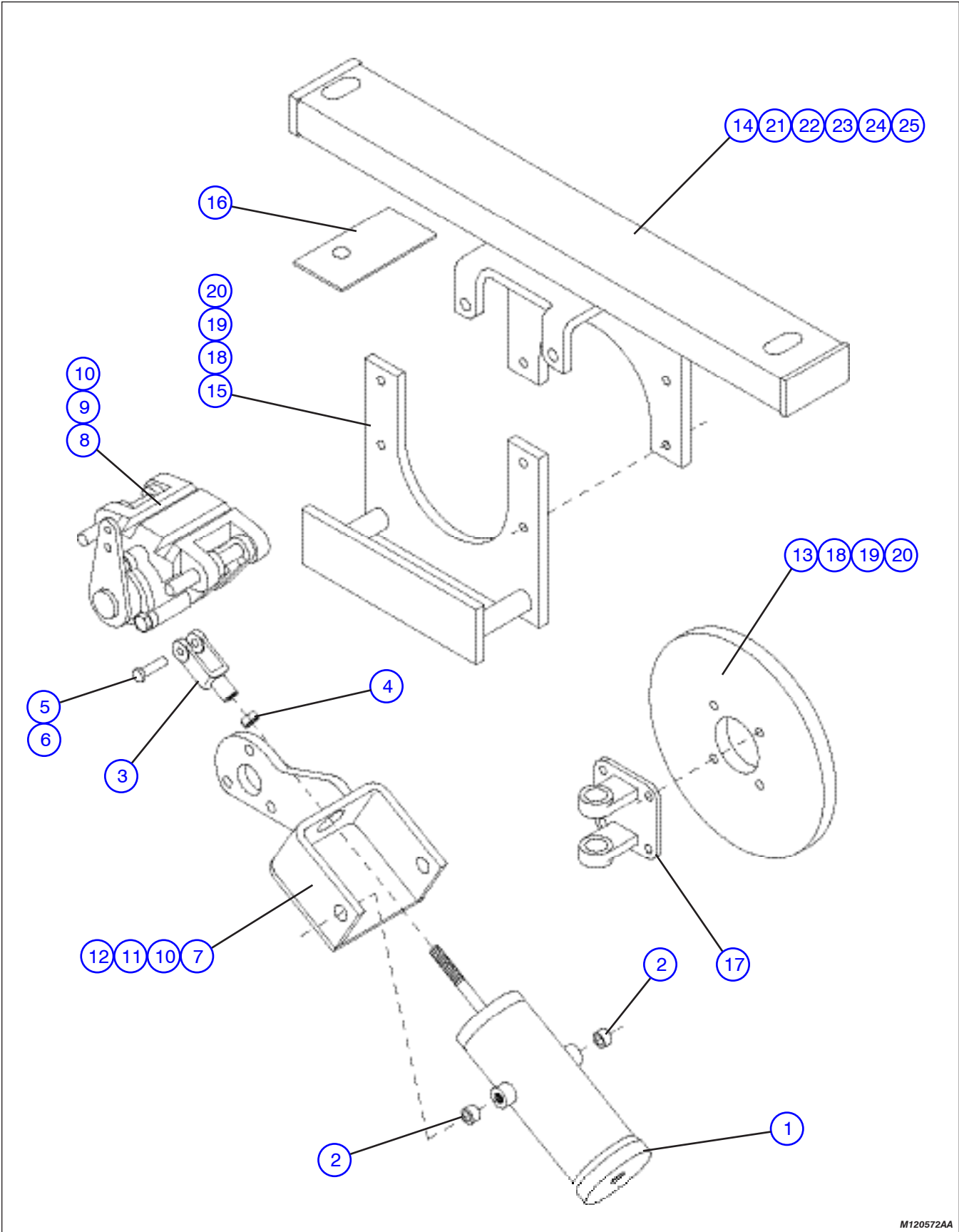


M120234AA

Gear Box Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	120234	1	GEAR BOX ASSEMBLY
1	122918	1	• HOUSING, Half
2	122920	2	• PIN, Parallel
3	122921	1	• PLUG, Socket pipe
4	122944	1	• Plate, Label
5	122945	4	• PIN, Round head grooved aluminium
6	122951	1	• GEAR, Helical
7	122950	1	• SHAFT, Output
8	122948	1	• BEARING, Roller
9	122946	1	• SHAFT, Pinion
10	122929	1	• GEAR, Helical
11	122940	1	• COLLAR, Shift
12	122932	1	• RING, Inner
13	122937	1	• COUPLING, Pump
14	122936	1	• BOLT, Omnifit lock on
15	122931	1	• PLATE, End
16	122938	1	• BEARING, Ball
17	122935	3	• RING, Retaining
18	122939	1	• RING, Retaining
19	122933	5	• CAGE, Needle
20	122930	1	• GUIDE, Shift collar
21	122942	1	• FORK, Shift
22	122943	1	• PIN, Spring type straight
23	122941	1	• BAR, Shift
24	122927	1	• RING, Retaining
25	122934	1	• BEARING, Ball
26	122928	1	• SHAFT, Drive
27	122924	1	• FLANGE, Motor
28	122949	1	• BEARING, Roller
29	122947	1	• GEAR, Helical
30	122952	2	• BEARING, Ball
31	122919	1	• HOUSING, Flange Side Half
32	116802	6.5	OIL, Gearbox (Litres)
K1	122955	-	KIT, Gearbox Seal

Disc Brake Assembly



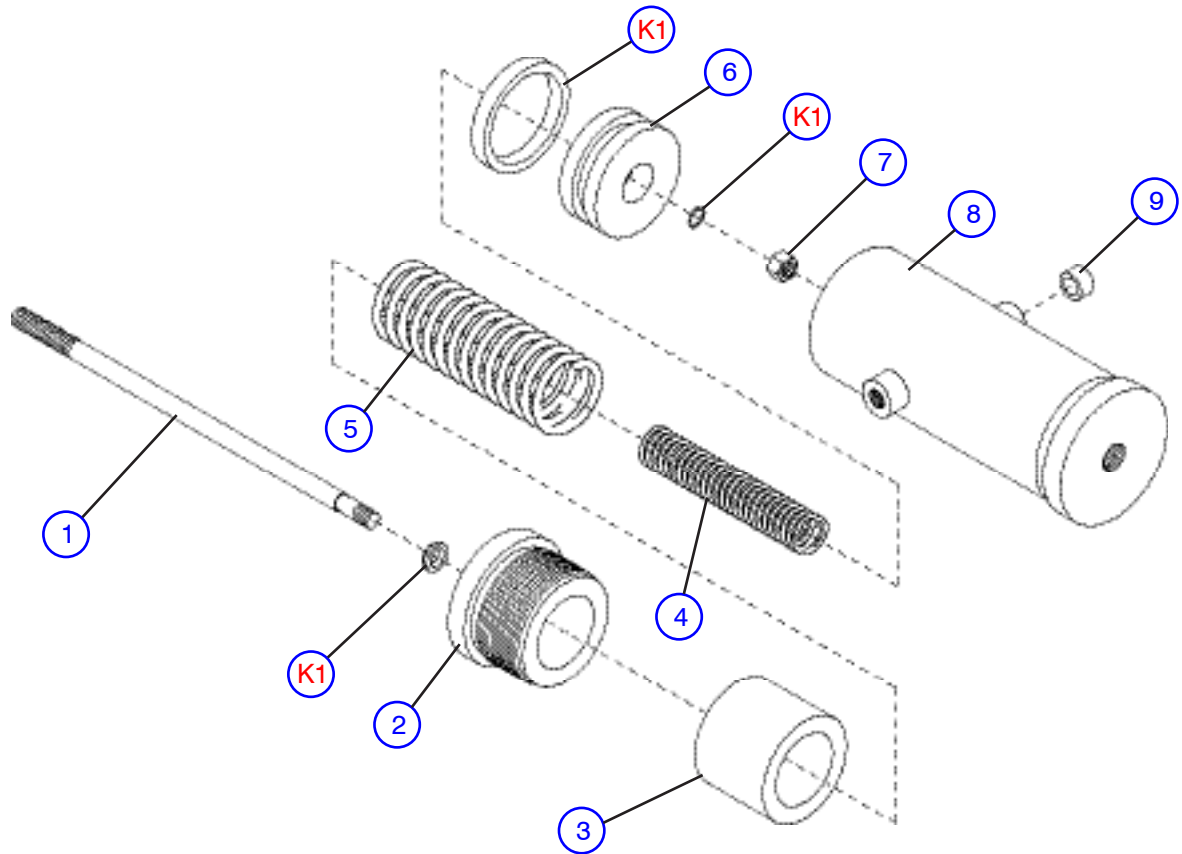
M120572AA

Disc Brake Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	120572	-	ASSEMBLY, Disk Brake
1	(Ref.)	1	• DISC BRAKE CYLINDER ASSEMBLY (For components, refer to Page 3.11)
2	109579	2	• SPACER, Cylinder mounting
3	109599	1	• CLEVIS, Rod end
4	109598	1	• NUT, Jam (1/2"-20)
5	109600	1	• PIN, Clevis
6	109601	1	• PIN, Cotter
7	109580	1	• BRACKET, Brake cylinder
8	109602	1	• CALIPER ASSEMBLY (Disc brake)
	120996	1	• • KIT, Disc pad thin
	120997	1	• • • PAD, Brake (Actuated)
	120998	1	• • • PAD, Brake (Non-actuated)
	115347	1	• • LEVER, Brake actuator
9	103909	3	BOLT, Hex head (1/2"-13 X 1.25")
10	103470	5	WASHER, Lock (1/2")
11	103907	2	BOLT, Hex head (1/2"-13 X 1.5")
12	103468	2	WASHER, Flat (1/2")
13	155764	1	DISC, Brake
14	115912	1	SUPPORT, Disc brake tube
15	111117	1	WELDMENT, Brake skid
16	111961	2	PAD, Brake support
17	(Ref.)	-	FLANGE, Drive shaft yoke (For components, refer to Page 3.8)
18	103872	8	BOLT, Hex head (3/8"-16 X 2.25")
19	104636	8	WASHER, Lock (7/16")
20	103977	12	NUT, Hex (7/16"-14)
21	100845	2	BOLT, Hex head (5/8"-11 X 3.5", Grade 8)
22	100352	4	WASHER, Flat (5/8")
23	111577	2	NUT, Lock (5/8"-11) (Special)
24	103907	2	BOLT, Hex head (1/2"-13 X 1.5")
25	107949	2	NUT, Jam (1/2"-13)

Notes

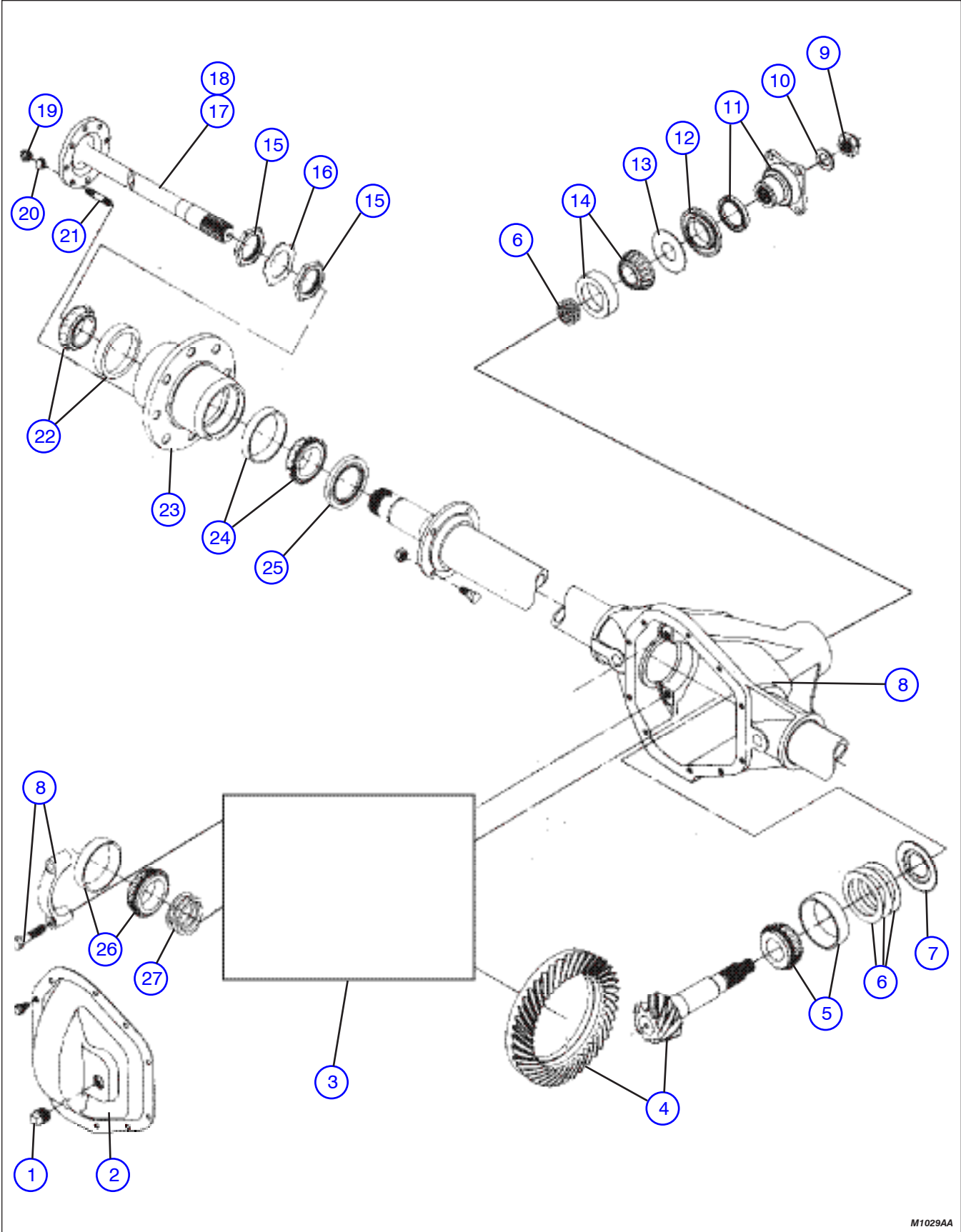
Disc Brake Cylinder Assembly



M120412AF

Index No.	Skyjack Part No.	Qty.	Description
-	120412	-	CYLINDER ASSEMBLY, Disc brake
1	120631	1	• ROD, Brake cylinder
2	120409	1	• GLAND, Front end
3	109573	1	• SPACER, Stroke limit
4	109604	1	• SPRING, Outer
5	109603	1	• SPRING, Inner
6	120630	1	• PISTON
7	111803	1	• NUT, Hex (7/16"-20)
8	120411	1	• WELDMENT, Cylinder barrel
9	109579	2	SPACER, Mounting
K1	112274	-	Kit, Seal Repair

Rear Drive Axle Assembly

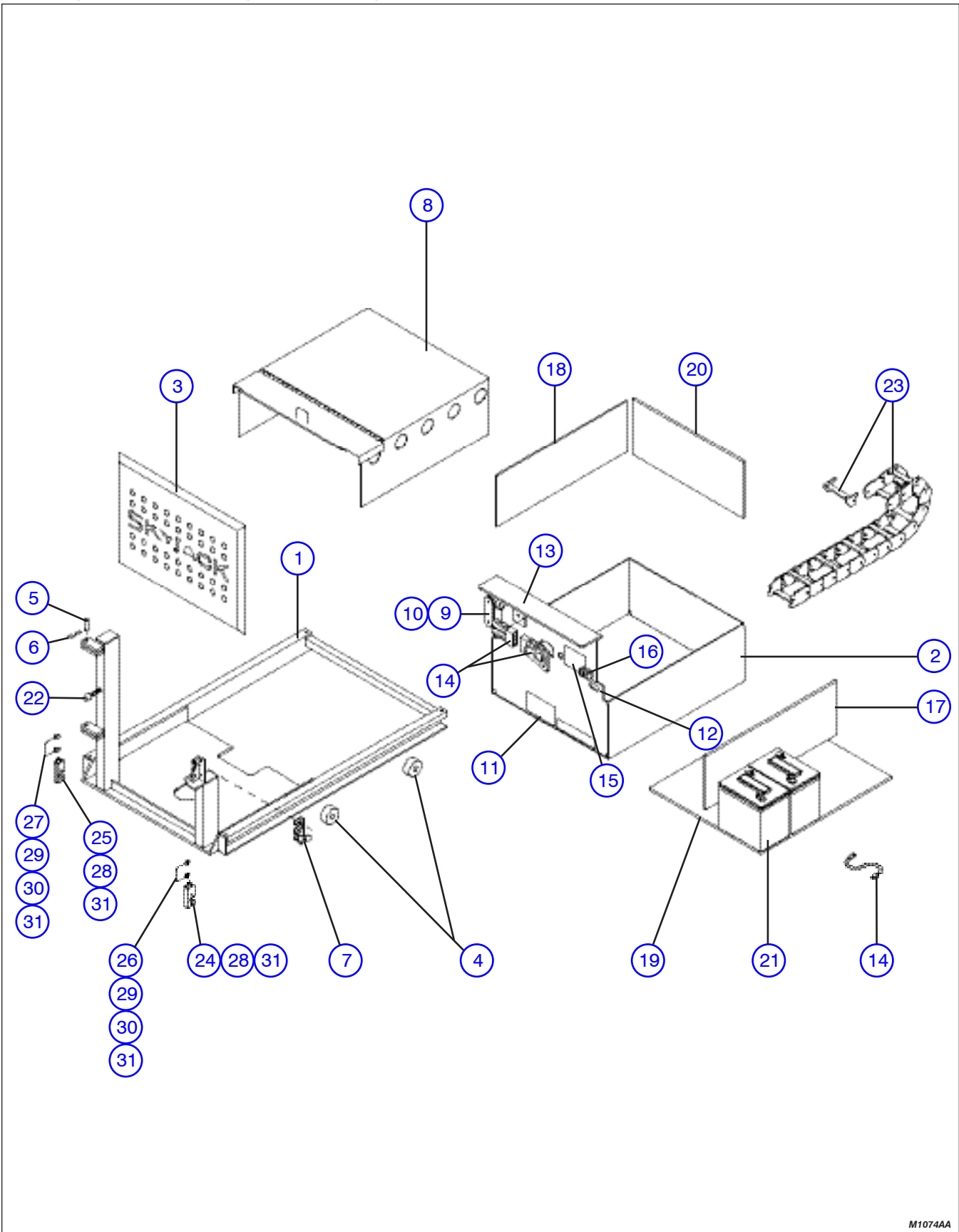


M1029AA

Rear Drive Axle Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	115821	-	MODIFIED AXLE ASSEMBLY, Rear drive (5.13 ratio)
-	115729	-	• AXLE ASSEMBLY, Rear drive (DANA #070AF512-51A)
1	113888	1	• • PLUG, Cover carrier
2	108394	1	• • COVER, Carrier
3	113926	1	• • DIFFERENTIAL ASSEMBLY, (Detroit Locker)
4	117130	1	• • DRIVE GEAR AND PINION ASSEMBLY
5	113880	1	• • BEARING ASSEMBLY (Inner pinion) (Includes item 4)
6	113881	AR	• • KIT, Pinion adjusting shim
7	113882	1	• • SLINGER, Inner pinion
8	\$	1	• • HOUSING WITH BEARING CAPS (Rear drive axle)
	\$	2	• • • CAP, Differential bearing
	\$	4	• • • BOLT, Differential bearing cap
9	113886	1	• • NUT, Pinion
10	113885	1	• • WASHER, Pinion nut
11	113914	1	• • END YOKE ASSEMBLY
12	113884	1	• • SEAL, Pinion
13	113913	1	• • SLINGER, Inner pinion bearing
14	113883	1	• • BEARING ASSEMBLY (Outer pinion)
15	113920	4	• • NUT, Spindle
16	113921	2	• • WASHER, Spindle
17	109137	1	• • SHAFT, Flanged axle (Left hand) (shown)
18	109137	1	• • SHAFT, Flanged axle (Right hand) (opposite)
19	113925	16	• • NUT, Stud
20	113924	16	• • ADAPTER, Stud nut
21	113919	16	• • STUD, Axle hub
22	113916	2	• • BEARING ASSEMBLY (Outer wheel)
23	113918	2	• • HUB, Wheel
24	113915	2	• • BEARING ASSEMBLY (Inner wheel)
25	113917	2	• • SEAL, Hub
26	113889	2	• • BEARING ASSEMBLY (Differential)
27	113912	AR	• • KIT, Differential shim

Battery Roll-Out Tray Assembly

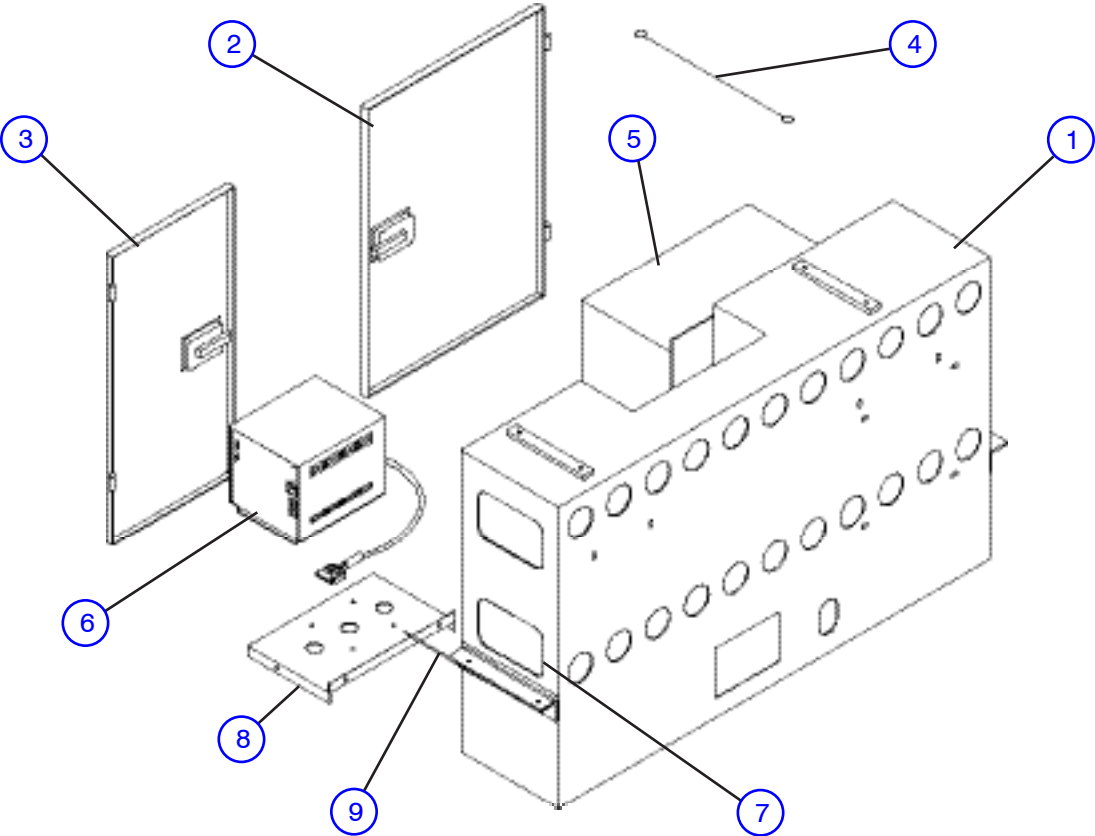


M1074AA

Battery Roll-Out Tray Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	147630	1	WELDMENT, Battery roll-out tray
2	119746	1	WELDMENT, Battery box
3	141861	1	WELDMENT, Guard
4	111351	4	ROLLER, Battery tray
	116621	4	SHIM (7/8" x 1-3/16" x 1/16")
5	103232	2	PIN, Clevis (1/2" x 1.75")
6	103055	2	PIN, Hitch Clip (1/8" x 2.25")
7	111955	1	LATCH ASSEMBLY (Engine cover)
	102781	1	• LATCH, Front cover (blue spring)
	103864	2	• BOLT, Hex head (5/16"-18 x 1.5")
	111534	1	• KNOB, Latch
	103855	1	• BOLT, Hex head (1/4"-20 x 1/2")
	104000	1	• WASHER, Lock (1/4")
	103984	1	• NUT, lock (5/16"-18, Grade B)
8	117276	1	COVER, Battery tray
9	119815	1	BOX, Fuse holder
	119364	1	FUSE (400 Amp) (main power)
	103068	1	INSULATOR, Fuse
	120112	1	CABLE, Fuse
10	119915	1	LABEL, Fuse
11	119967	1	LABEL, Battery disconnect
12	109694	1	GROMMET, Rubber
13	119827	1	PLATE, Battery disconnect
14	(Ref.)	1	CABLES AND CONNECTORS
		-	(For components, refer to Page 3.3)
15	119974	1	LABEL, Lock out here
16	109123	1	HOLDER, Cable
17	117261	1	PLYWOOD (3/8" x 10.125" x 28.5")
18	117262	2	PLYWOOD (3/8" x 9.5" x 28.5")
19	117260	1	PLYWOOD (3/8" x 24.25" x 28.5")
20	117263	2	PLYWOOD (1/4" x 10.5" x 24.25")
21	106552	8	BATTERY, 6 Volt (Trojan U-2500)
22	116494	2	BUMPER, Vibrations
23	123367	1	CARRIER ASSEMBLY, Hose (18 links)
	122834	1	• BRACKETS, Carrier Assembly Mounting (2 Pieces)
	122998	1	• • BRACKET, Carrier Assembly Mounting (Male)
	122999	1	• • BRACKET, Carrier Assembly Mounting (Female)
	122835	AR	• SEPARATOR, E-Chain
	122836	AR	• LINK, Hose carrier
24	112307	1	LATCH, Engine (Left hand)
25	112308	1	LATCH, Engine (Right hand)
26	116133	1	HANDLE (Left hand)
27	116132	1	HANDLE (Right hand)
28	103886	4	BOLT, Hex head (5/16"-18 x 1.5")
29	116136	2	SCREW, Shoulder (1/4" x 3/8")
30	116135	2	SCREW, Shoulder (1/4" x 1/4")
31	112378	6	WASHER, Brass (17/64" ID x 15/32" OD)

Hydraulic Oil Tank and Charger Cabinet Assembly

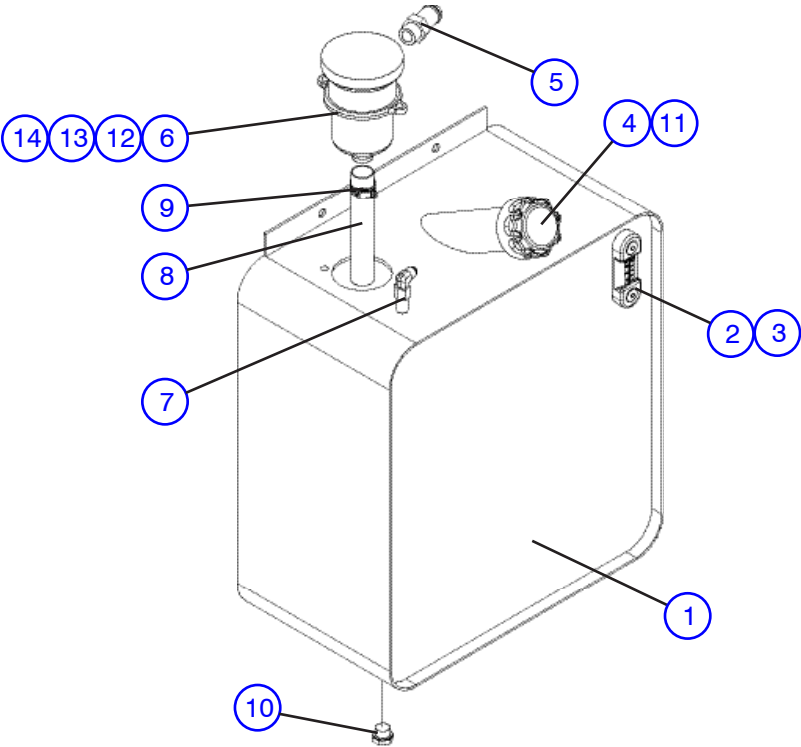


M1077AA

Hydraulic Oil Tank and Charger Cabinet Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	155668	1	WELDMENT, Hydraulic oil tank cabinet
2	108464	1	DOOR, Oil tank access
	101541	1	• HANDLE, Recessed (with lock)
	103628	102"	SEAL, Door
	111944	AR	KEY, Door (#CH501)
3	108463	1	DOOR, Battery charger access
	101541	1	• HANDLE, Recessed (with lock)
	103628	88"	SEAL, Door
	111944	AR	KEY, Door (#CH501)
4	116052	2	CABLE, Door stop (18")
	124296	1	CABLE, Door stop (13.25")
5	(Ref.)	1	TANK ASSEMBLY, Hydraulic oil
		-	(For components, refer to Page 4.2)
	101632	2	BOLT, Hex head (3/8"-16 x 3/4")
	103472	2	WASHER, Flat (3/8")
	103999	2	WASHER, Lock (3/8")
	103978	2	NUT, Hex (3/8"-16)
6	(Ref.)	-	BATTERY CHARGER ASSEMBLY
		-	(For components, refer to Page 4.4)
7	103090	57"	CONDUIT, Convoluted (edge protection)
8	120253	2	SUPPORT, Battery charger
9	120199	1	COVER, Charger (splash guard)

Hydraulic Oil Tank Assembly

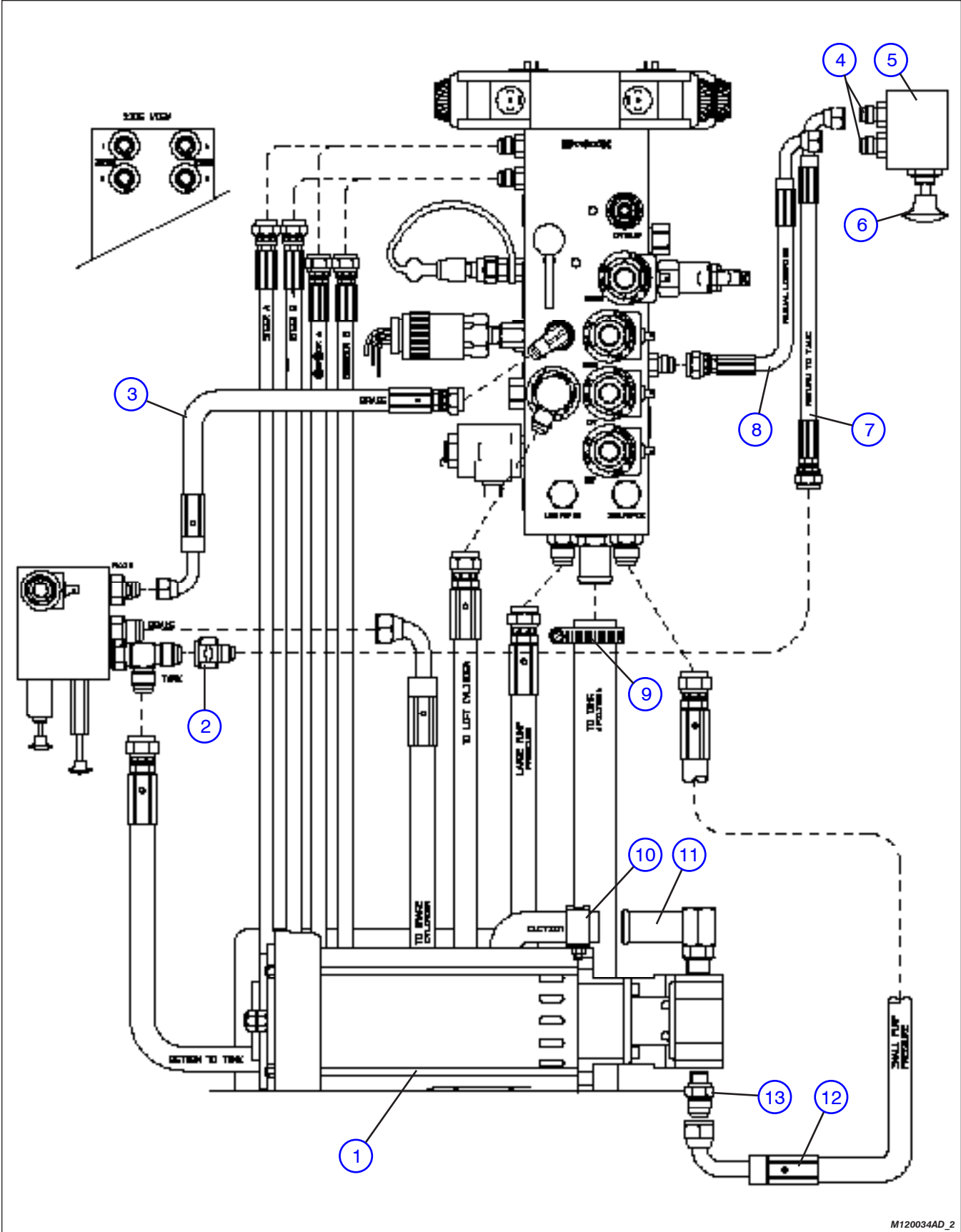


M11077AA

Hydraulic Oil Tank Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	132083	-	HYDRAULIC OIL TANK ASSEMBLY
1	132183	1	• WELDMENT, Hydraulic oil tank
2	103236	1	• INDICATOR, Oil level
3	124311	2	• INSERT, Threaded (Not needed if ordering oil level indicator)
4	139429	1	• CAP (with vent)
5	112187	1	• FITTING, Hose barb (3/4")
6	109568	1	• RETURN FILTER ASSEMBLY
	104254	1	• • ELEMENT, Filter
	123022	1	• • SEAL
	123021	1	• • COVER
	123020	1	• • SPRING
	122973	1	• • CASTING, Aluminum
	121571	1	• • SCREW, Set
	122969	3	• • BOLT, Washer combined
	122968	1	• • CASING, Filter
7	110517	1	• FITTING, Elbow 90° (1/2P-#6)
8	102918	1	• HOSE (Tank)
9	103320	1	• CLAMP, Gear (#16)
10	117701	1	• PLUG, Drain
	149606	1	• • PLUG, Thread straight magnetic
	120190	1	• • SEAL
11	132128	1	• SCREEN, Filler neck (inside)
12	103933	2	• SCREW, Hex socket cap (5/16"-18 x 1.75")
13	103404	2	• WASHER, Lock (5/16")
14	103996	2	• WASHER, Flat (5/16")

Hydraulic Hose Connections - Hydraulic/Electrical Tray

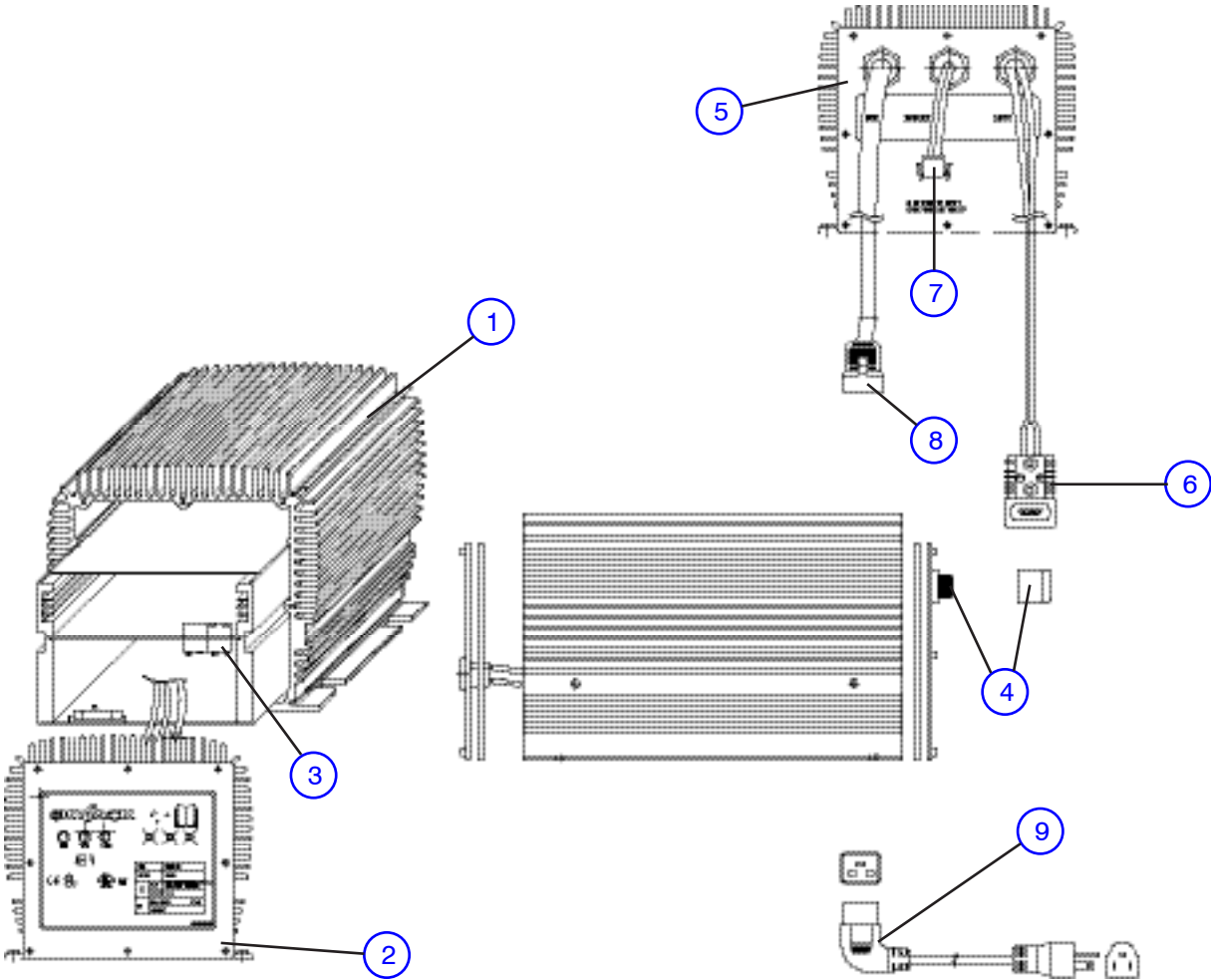


M120034AD_2

Hydraulic Hose Connections - Hydraulic/Electrical Tray

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	1	MOTOR/PUMP ASSEMBLY
		-	(For components, refer to Page 5.1)
2	110498	1	FITTING, Reducing Connector #6-#8
3	120038	1	HOSE ASSEMBLY (Auto reset brake to main manifold)
4	103069	2	FITTING, Connector (#6orb-#6)
5	119748	1	MANIFOLD, Emergency lowering
6	107271	1	VALVE, Emergency lowering
7	120036	1	HOSE ASSEMBLY (Emergency lowering block to hydraulic tank)
8	120141	1	HOSE ASSEMBLY (Emergency lowering block to main manifold)
9	102854	1	CLAMP (#12)
10	114402	1	CLAMP, Hose
11	146119	1	FITTING
12	120504	1	HOSE ASSEMBLY (Small pump to main manifold)
13	104402	1	FITTING (#6-#8)

Battery Charger Assembly

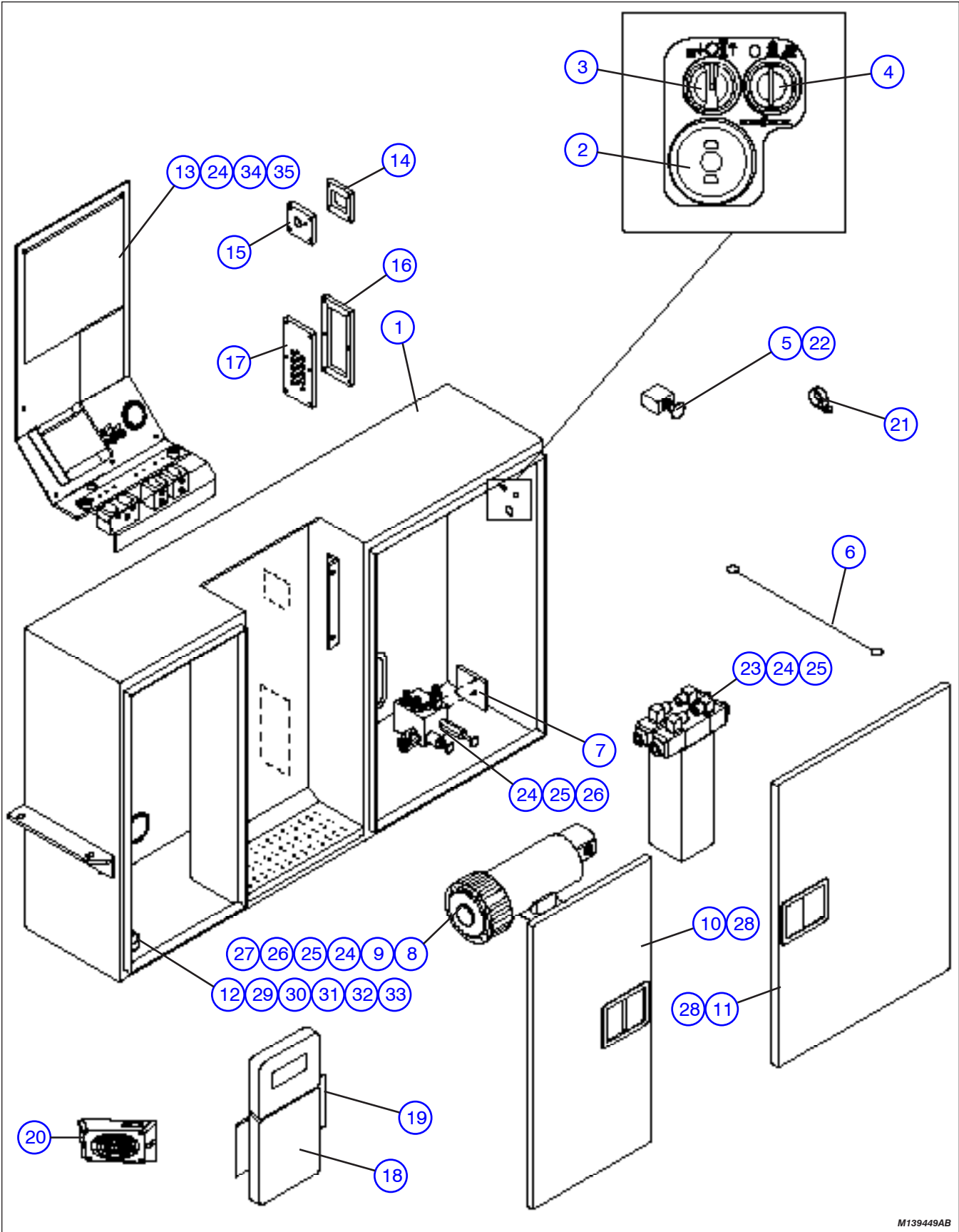


M10734AA

Battery Charger Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	129685	1	CHARGER (48 VDC)
2	130093	1	• PLATE, Front
3	127154	1	• RELAY, Interlock
4	127158	1	• STRAIN RELIEF, Rear plate
5	130094	1	• PLATE, Rear
6	103206	1	CONNECTOR, Battery Red (50 Amp)
7	115391	1	PLUG, Charger cutout
8	130090	1	AC Inlet
9	120790	1	CORD, Charger (220V) (CE)

Hydraulic/Electric Cabinet Assembly

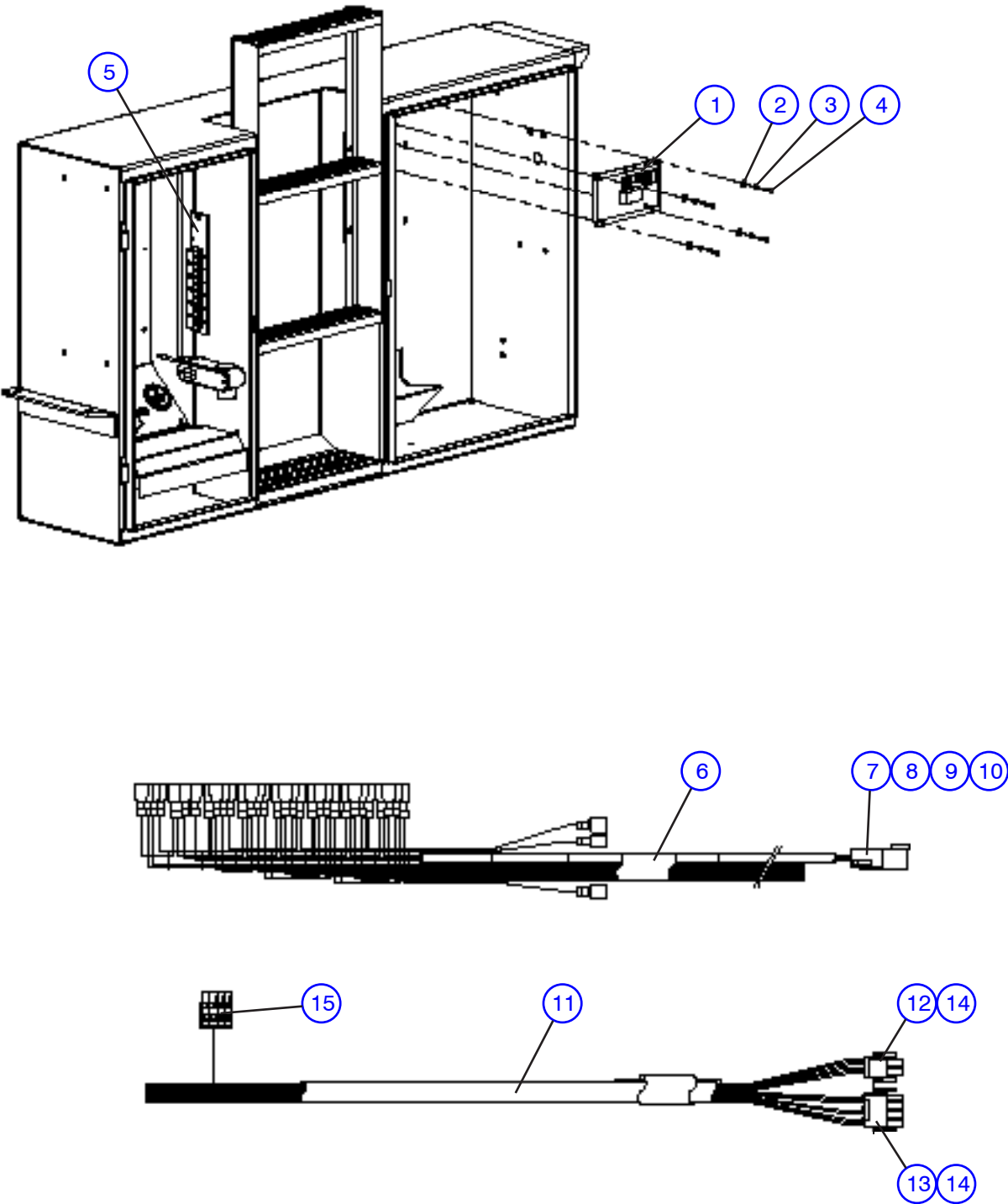


M139449AB

Hydraulic/Electric Cabinet Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	155748	1	WELDMENT, Hydraulic/Electric cabinet
2	147051	1	SWITCH HEAD, Emergency stop
3	147069	1	SWITCH HEAD, Selector
4	147057	1	SWITCH HEAD, Selector keyed
5	(Ref.)	1	BLOCK, Emergency lowering valve manifold
		-	(For components, refer to Page 4.3)
6	116052	2	CABLE, Door stop (18")
	124296	2	CABLE, Door stop (13.25")
7	120039	1	SPACER, Manifold mounting
8	700224	1	PUMP/MOTOR ASSEMBLY
	700669	1	• PUMP
	106052	1	• COUPLING
	700668	1	• MOTOR (48V)
	109174	1	• • BRUSH (Set of 8)
	109175	8	• • SPRING, Brush
9	106963	1	PLATE, Motor mount
10	108462	1	DOOR, Electrical panel access
	101541	1	• HANDLE, Latch
11	108461	1	DOOR, Hydraulic component access
	101541	1	• HANDLE, Latch
12	117618	1	INSULATOR, Ground
13	(Ref.)	1	ELECTRICAL PANEL ASSEMBLY
			(For components, refer to Page 6.1)
14	123219	1	COVER, Gasket
15	123220	1	GASKET
16	123217	1	COVER, Gasket
17	123218	1	GASKET
18	117293	1	BOX, Manual
19	117363	1	PLATE, Manual box mount
20	130224	1	CABINET LIGHT ASSEMBLY
	130240	1	• LIGHT BULB (24V)
	127178	1	• LENS
21	132792	AR	CLAMP, Cable bundle (7/8")
	132793	AR	CLAMP, Cable bundle (1.375")
22	103995	2	WASHER, Flat (1/4")
23	116107	4	STUD (5/16"-18 x 1.5")
24	103404	14	WASHER, Lock (5/16")
25	103996	14	WASHER, Flat (5/16")
26	103887	6	BOLT, Hex head (5/16"-18 x 3/4")
27	700523	4	BUSHING, Rubber
28	103628	AR	SEAL, Foam
29	112601	1	NUT, Metal flanged lock (3/8"-16)
30	124541	1	SCREW, Set (3/8"-16 UNC x 1.5")
31	103472	1	WASHER, Flat (3/8")
32	103999	1	WASHER, Lock (3/8")
33	111921	1	BOLT, Hex head (3/8"-16 x 1/2")
34	103864	4	BOLT, Hex head (5/16"-18 x 1")
35	102034	4	NUT, Hex (5/16"-18)

Load Sensing Components



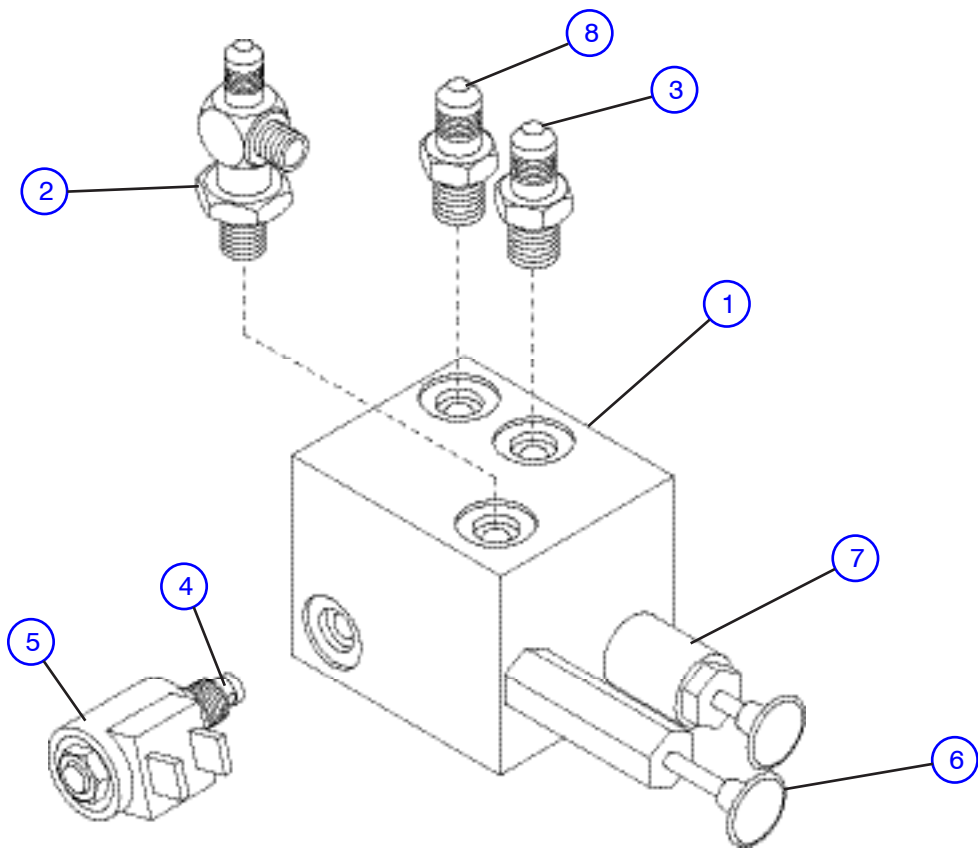
M139449AB1

Load Sensing Components

Index No.	Skyjack Part No.	Qty.	Description
1	130439	1	CONTROLLER, Overload sensing
2	104694	4	WASHER, Flat (#10 SAE)
3	104185	4	WASHER, Lock (#10 NOM)
4	105621	4	BOLT, Machine (#10-32 x 1")
5	139419	1	LOAD SENSING RELAY ASSEMBLY
	139418	1	• PLATE, Mount
	108589	6	• RELAY, 24V (40 Amp)
	115545	6	• SCREW, Round head machine (#10-32 x 3/8")
	104698	2	• SCREW, Round head machine (#10-32 x 3/4")
	104185	8	• WASHER, Lock (#10)
	103980	2	• NUT, Hex head (1/4"-20, Grade 5)
	104003	8	• NUT, Hex head (#10-32)
6	139448	1	HARNESS, Safety relays
7	117578	1	• CONNECTOR, Receptacle (4 pin)
8	117580	1	• CONNECTOR, Receptacle wedge (4 pin)
9	117590	3	• CONNECTOR, Contact (pin 16-08)
10	117594	1	• CONNECTOR, Seal
11	139434	1	HARNESS, Electric panel (Load sensing)
12	130445	1	PLUG, Male (6 pole)
13	130449	1	PLUG, Housing (12 pole)
14	116990	14	PIN, Female wire
15	119896	1	PC BOARD, Connector plug (4 pin)

Notes

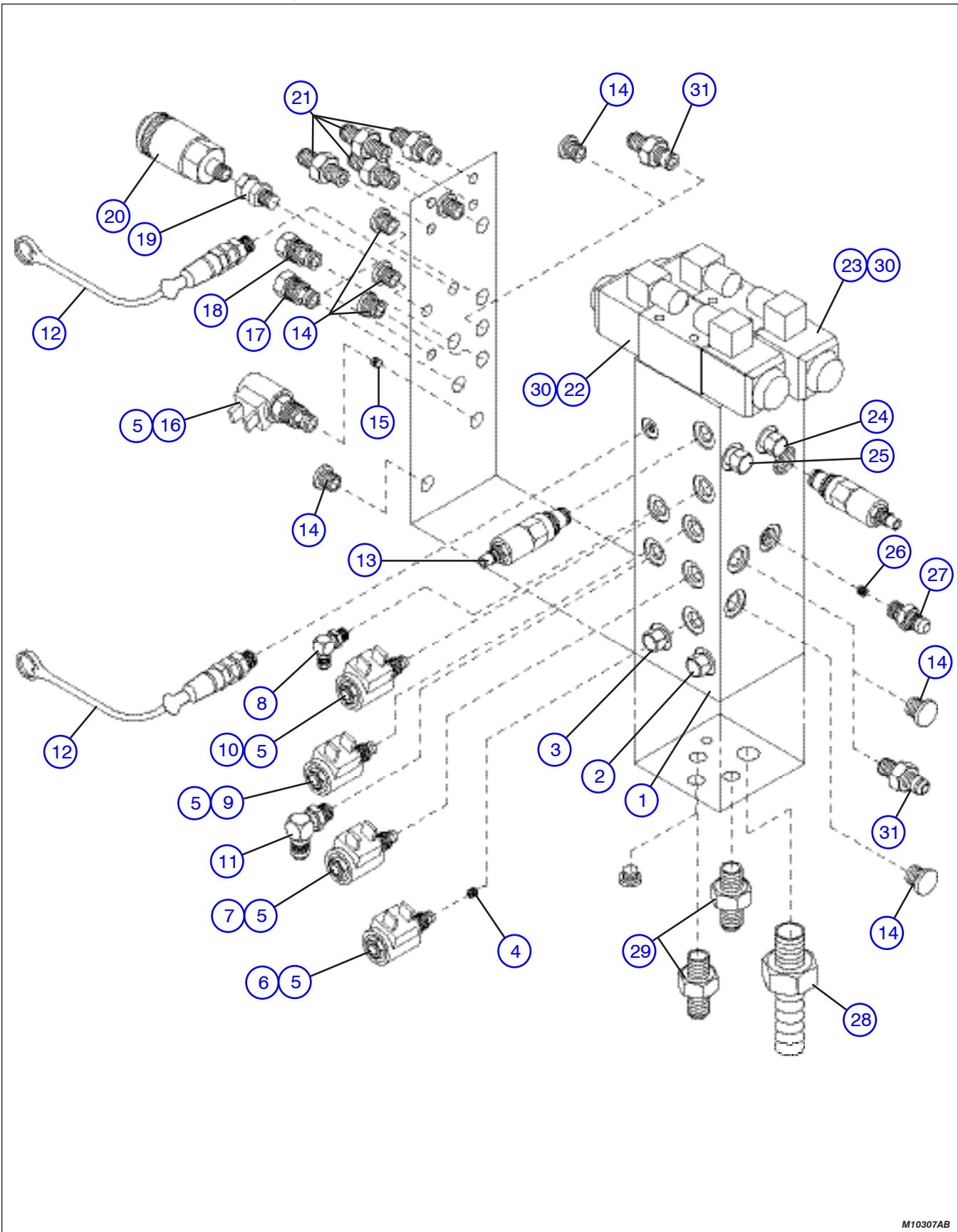
Brake Manifold Assembly



M1018AA

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref.)		BRAKE MANIFOLD ASSEMBLY
1	116586	1	• BLOCK, Manifold
2	110554	1	• FITTING, Run tee (#8orb-#8-#8)
3	102659	1	• FITTING, Connector (#8orb-#8)
4	117189	1	• VALVE, N.O. (Brake)
5	103605	1	• COIL, 24 Volt
6	110652	1	• PUMP, Cavity hand
7	113752	1	• VALVE, Auto reset
8	103070	1	• FITTING, Connector (#8orb-#6)

Main Manifold Assembly

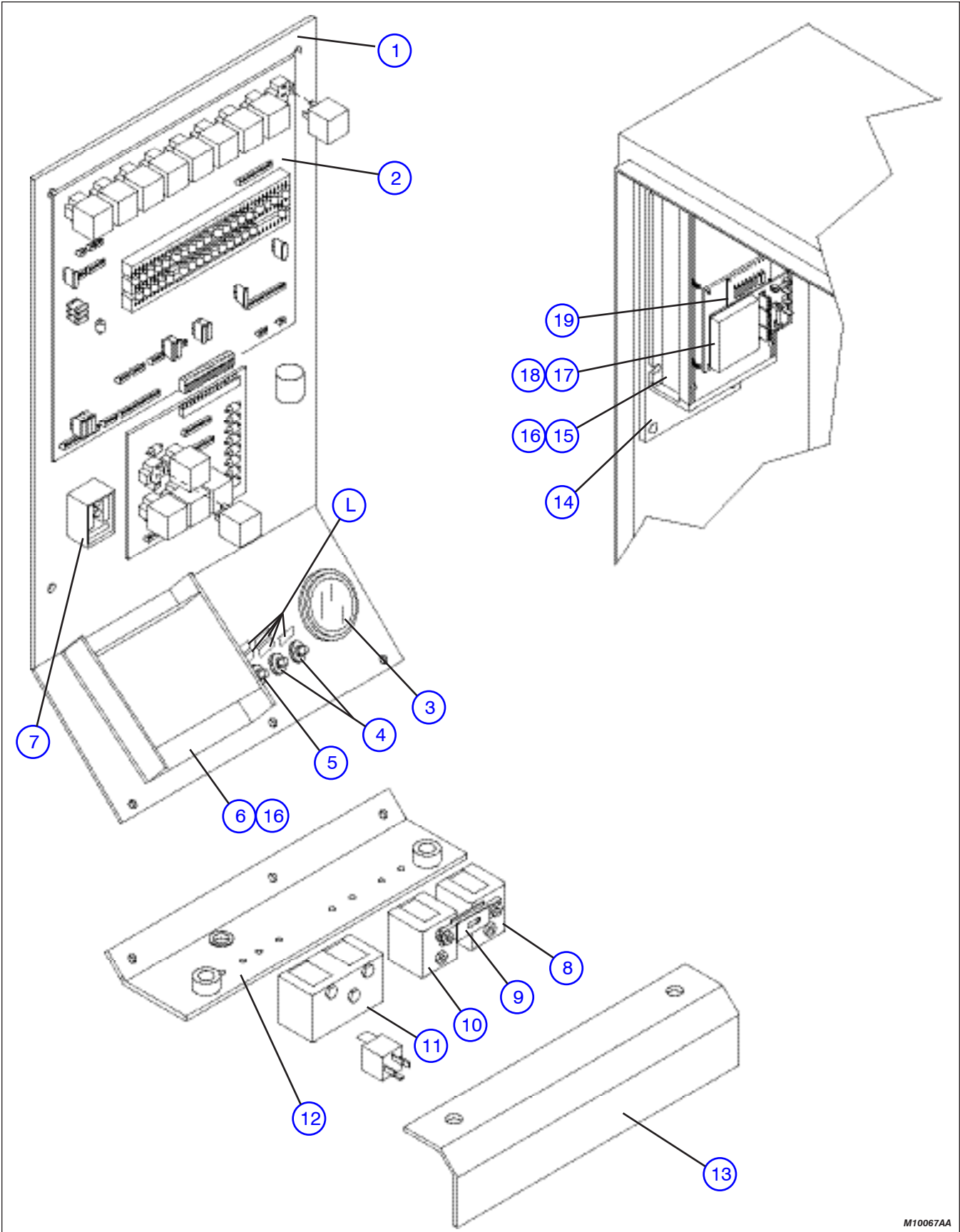


M10307AB

Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	118804	-	MANIFOLD ASSEMBLY, Main
1	118803	1	• BLOCK, Manifold
2	104567	1	• VALVE, Check (small pump)
3	104567	1	• VALVE, Check (large pump)
4	123853	1	• ORIFICE, Dump valve
5	105610	5	• COIL, 24 Volt
6	114365	1	• VALVE, N.O. (System dump, #10)
7	104412	1	• VALVE, N.C. (Lift, #8)
8	102665	1	• FITTING, Elbow 90°
9	104412	1	• VALVE, N.C. (Brake release, #8)
10	104412	1	• VALVE, N.C. (Gearbox holding, #8)
11	112366	1	• FITTING, Elbow 90° (#12orb - #8)
12	122420	2	• QUICK DISCONNECT ASSEMBLY (Pressure)
	122428	1	• • FITTING (#6-#6)
	122385	1	• • COUPLER, Quick
	114521	1	• • CAP, Dust
13	104534	2	• VALVE, Relief (System/Gearbox)
14	115320	9	• PLUG, Manifold (#8orb)
15	120756	1	• ORIFICE, Lowering
16	104412	1	• VALVE, N.C. (Lowering, #8)
17	104567	2	• VALVE, Check (Lift)
18	104567	1	• VALVE, Check (Brake)
19	106554	1	• FITTING, Swivel
20	701194	1	• PRESSURE SWITCH, Brake
21	103069	4	• FITTING, Connector (#6orb-#6)
22	153334	1	• VALVE ASSEMBLY (Directional 24V spool)
	153335	2	• • COIL, 24V (Spool valve)
	103920	4	• BOLT, Socket head (#10-24 x 2", Grade 5)
23	153334	1	• VALVE ASSEMBLY (Directional 24V spool)
	153335	2	• • COIL, 24V (Spool valve)
	103920	4	• BOLT, Socket head (#10-24 x 2", Grade 5)
24	104567	1	• VALVE, Check (Lift)
25	104567	1	• VALVE, Check (System)
26	116725	1	• ORIFICE (0.067" diameter) (Emergency lowering)
27	103070	1	• FITTING, Connector (#6orb - #8)
28	112187	1	• FITTING, Hose barb (#12orb - 3/4")
29	102659	2	• FITTING, Connector (#6orb - #8)
30	(Ref.)	-	CONNECTORS, Electrical valve
	104345	1	• CONNECTOR, Gray
	104409	1	• CONNECTOR, Black
31	103069	2	FITTING, Straight (If equipped with outrigger option)

Electrical Panel Assembly



M10067AA

Index No.	Skyjack Part No.	Qty.	Description
1	119972	1	PANEL, Electrical
	103887	3	BOLT, Hex head (5/16"-18 x 3/4")
	103984	3	NUT, Lock (5/16"-18)
2	119722	1	BOARD, Main control
	108589	9	• RELAY, 24 V
	120658	3	• FUSE (10 Amp)
	102921	AR	• DIODE
3	103336	1	HOURMETER
4	117326	2	CIRCUIT BREAKER (20 Amp)
5	117325	1	CIRCUIT BREAKER (15 Amp)
6	801347	1	CONVERTOR, Sevcon
	103964	4	BOLT, Machine (#10-32 x 1/4")
7	118815	1	MODULE, Power delay
	119897	1	• CONNECTOR, PC board
8	119168	1	CONTACTOR, Steer (24V)
9	119469	1	FUSE, Contactor (200 Amp)
10	119169	1	CONTACTOR, Line (24V)
11	119170	1	CONTACTOR (Forward/Reverse) (24V)
12	120136	1	WELDMENT, Contactor bracket
	103014	1	GROMMET, 7/8" Rubber
	119507	2	RECEPTACLE, 1/4" turn stud
13	120137	1	COVER, Contactor Clear
	120133	2	• STUD, 1/4" turn
	119544	2	• RETAINER, Stud
14	120020	1	PLATE, Heatsink
15	119167	1	CONTROLLER (MOS-90)
16	(Ref.)	-	CABLE ASSEMBLIES (For components, refer to Page 6.2)
17	119171	1	TACHOMETER BOARD ASSEMBLY
	700776	1	• FUSE (6.3 Amp)
	119172	1	• FUSE (20 Amp)
18	133759	1	PC BOARD ASSEMBLY (Moisture protection)
19	119166	1	PLATE, Mounting
L	(Ref.)	-	LABELS (For components, refer to Page 8.1)

The diagram illustrates the electrical connections for the M1073AB system. Key components and their connections are as follows:

- Top Left Rack:** Labeled "DCB EXPERT LAB". It has four output lines labeled 2, 3, 4, and 5.
- Top Right Control Unit:** Labeled "TRACER 1073". It has a "NEW CONNECT" port and two "TO CHARGE" ports. A dashed box labeled 1 encloses its internal components.
- Central Motor:** Labeled "MOTOR". It has two terminals labeled 8 and 9, and a terminal labeled 10.
- Bottom Right Pump:** Labeled "PUMP". It has a terminal labeled 14.
- Wiring Connections:**
 - Line 2 connects to the "TRACER 1073" unit.
 - Line 3 connects to the "MOTOR" terminal 8.
 - Line 4 connects to the "MOTOR" terminal 9.
 - Line 5 connects to the "PUMP" terminal 14.
 - A "FROM 24V GROUND CLAMPING INGRESS" line connects to the "PUMP" terminal 15.
 - A "NEW CONNECT" line connects to the "TRACER 1073" unit.
 - A "TO CHARGE" line connects to the "TRACER 1073" unit.
 - A "TO CHARGE" line connects to the "PUMP" terminal 14.

6.2

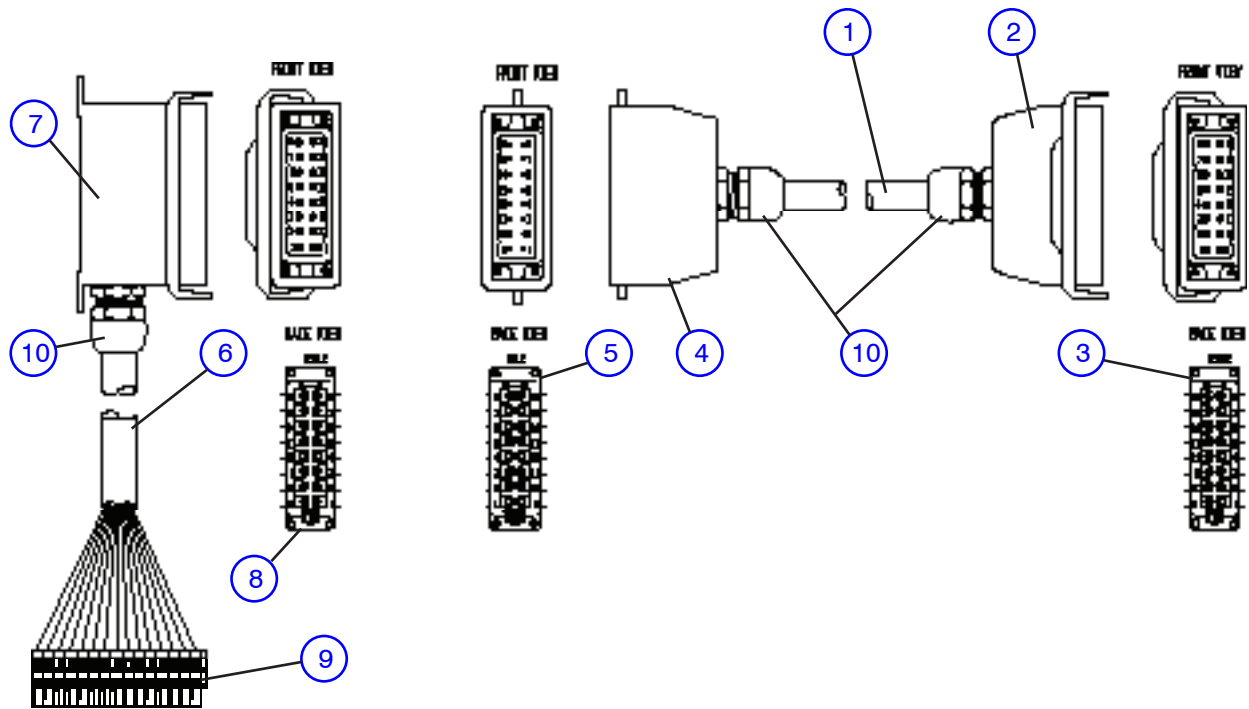
**DC Electric Rough Terrain
Model 8831E & 8841E
157962**

Sevcon Battery Cable Layout

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	CABLE ASSEMBLY
		-	(For components, refer to Page 3.3)
2	120116	1	CABLE ASSEMBLY (Controller to directional contactor)
3	120117	1	CABLE ASSEMBLY (Controller to directional contactor)
4	120118	1	CABLE ASSEMBLY (Controller to line contactor)
5	120119	1	CABLE ASSEMBLY (Controller to insulator)
6	(Ref.)	-	INSULATOR
		-	(For components, refer to Page 5.1)
7	122567	1	CABLE ASSEMBLY (Insulator to pump)
8	105601	1	BOOT, Battery (Black)
	105600	1	BOOT, Battery (Red)
9	122566	1	CABLE ASSEMBLY (Pump to contactor)
10	124521	1	CABLE ASSEMBLY (Fuse to contactor)
11	103068	1	INSULATOR, Fuse
12	120302	1	FUSE (50 Amp)
13	119815	1	BOX, Fuse
14	119915	1	LABEL, Fuse
15	103024	1	CLIP, Single (G8)

Notes

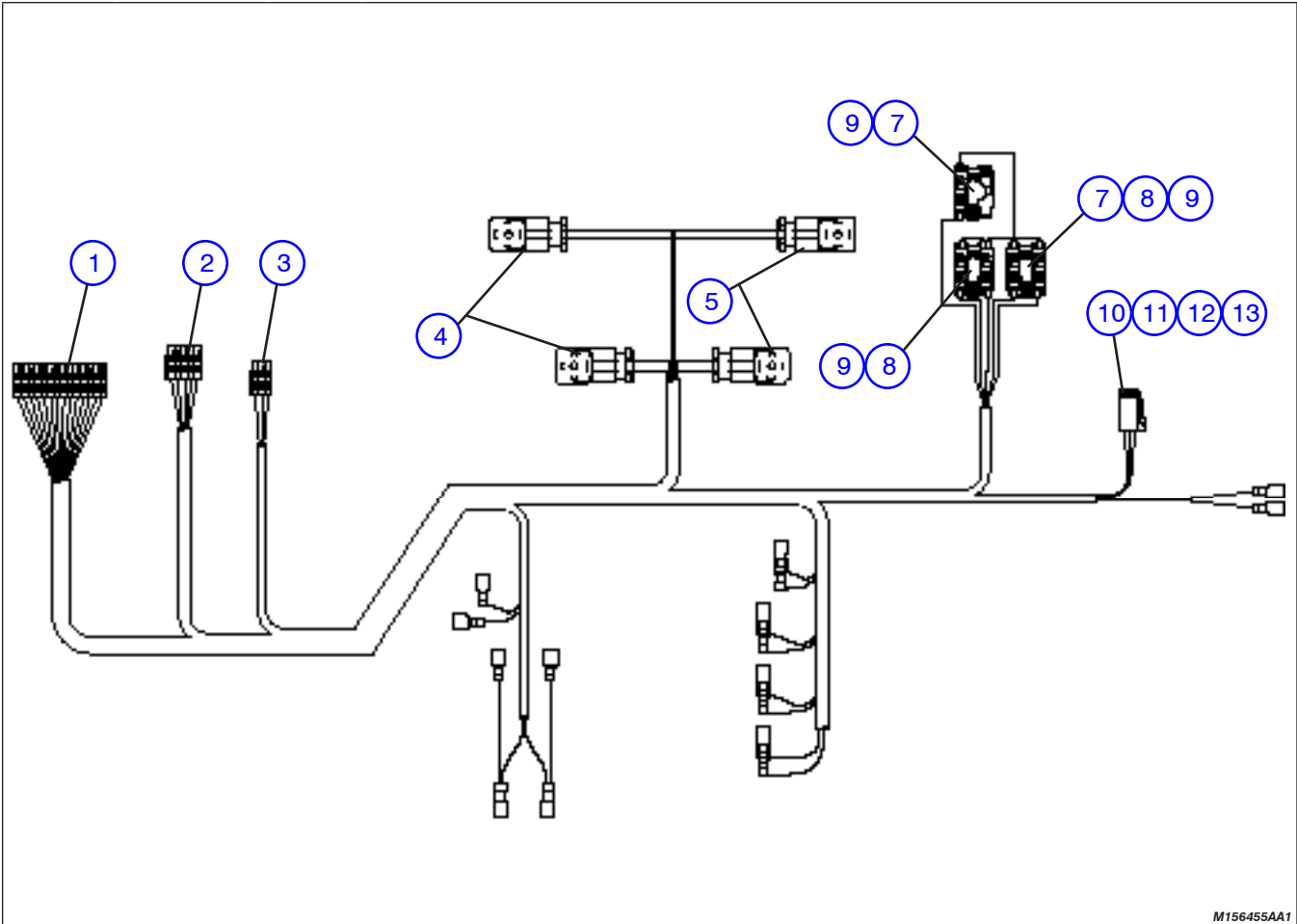
Control Cable Harness



ML1F-1070AB

Index No.	Skyjack Part No.	Qty.	Description
1	120370	1	CONTROL CABLE ASSEMBLY (Model 8831E)
	120074	1	CONTROL CABLE ASSEMBLY (Model 8841E)
2	119360	1	• HOUSING, Female (16 pole)
3	114467	1	• INSERT, Female (16 pole)
4	119359	1	• HOUSING, Male (16 pole)
5	114469	1	• PLUG, Male (16 pole)
6	120069	1	HARNESS, Panel control
7	120065	1	• COUPLING, Base
8	114467	1	• INSERT, Female (16 pole)
9	119907	1	• CONNECTOR, PC board
10	120644	2	STRAIN RELIEF

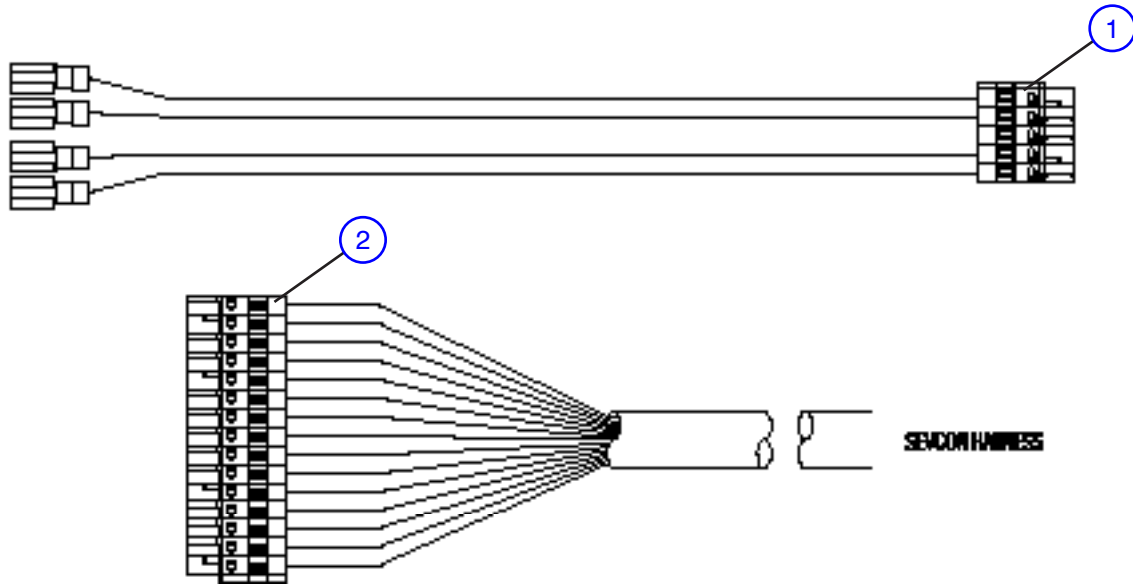
Main Manifold Harness



M156455AA1

Index No.	Skyjack Part No.	Qty.	Description
-	156455	1	HARNESS, Main manifold
1	119906	1	• CONNECTOR, PC board (14 pin)
2	119897	1	• CONNECTOR, PC board (5 pin)
3	119895	1	• CONNECTOR, PC board (3 pin)
4	104345	2	• PLUG, Connector (grey)
5	104409	2	• PLUG, Connector (black)
6	102853	1	• SWITCH, Toggle
7	147053	2	• BLOCK, N.C. contact
8	147054	2	• BLOCK, N.O. contact
9	147056	3	• LATCH
10	117579	1	• PLUG, Connector (4 pin)
11	117581	1	• PLUG, Connector (4 pin wedge)
12	117593	3	• SOCKET, Contact (14-16)
13	117594	1	• CABLE ASSEMBLY (Battery - A2)

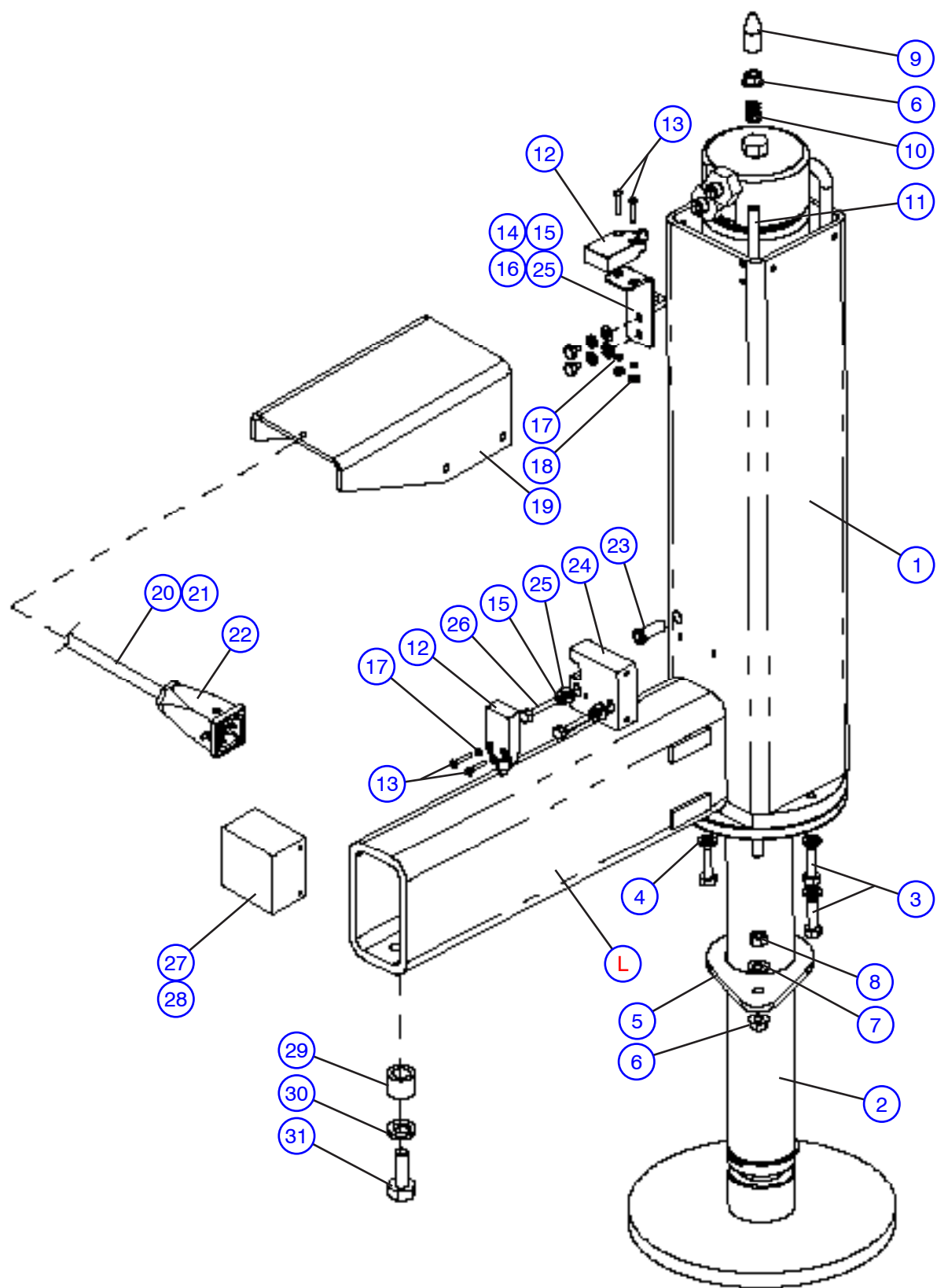
Miscellaneous Harnesses



M120147AB

Index No.	Skyjack Part No.	Qty.	Description
1	120099	1	HARNESS, Power
	119897	1	• CONNECTOR, PC board (5 pin)
2	120147	1	HARNESS, Sevcon
	119907	1	• CONNECTOR, PC board (15 pin)

Hydraulic Outrigger Assembly



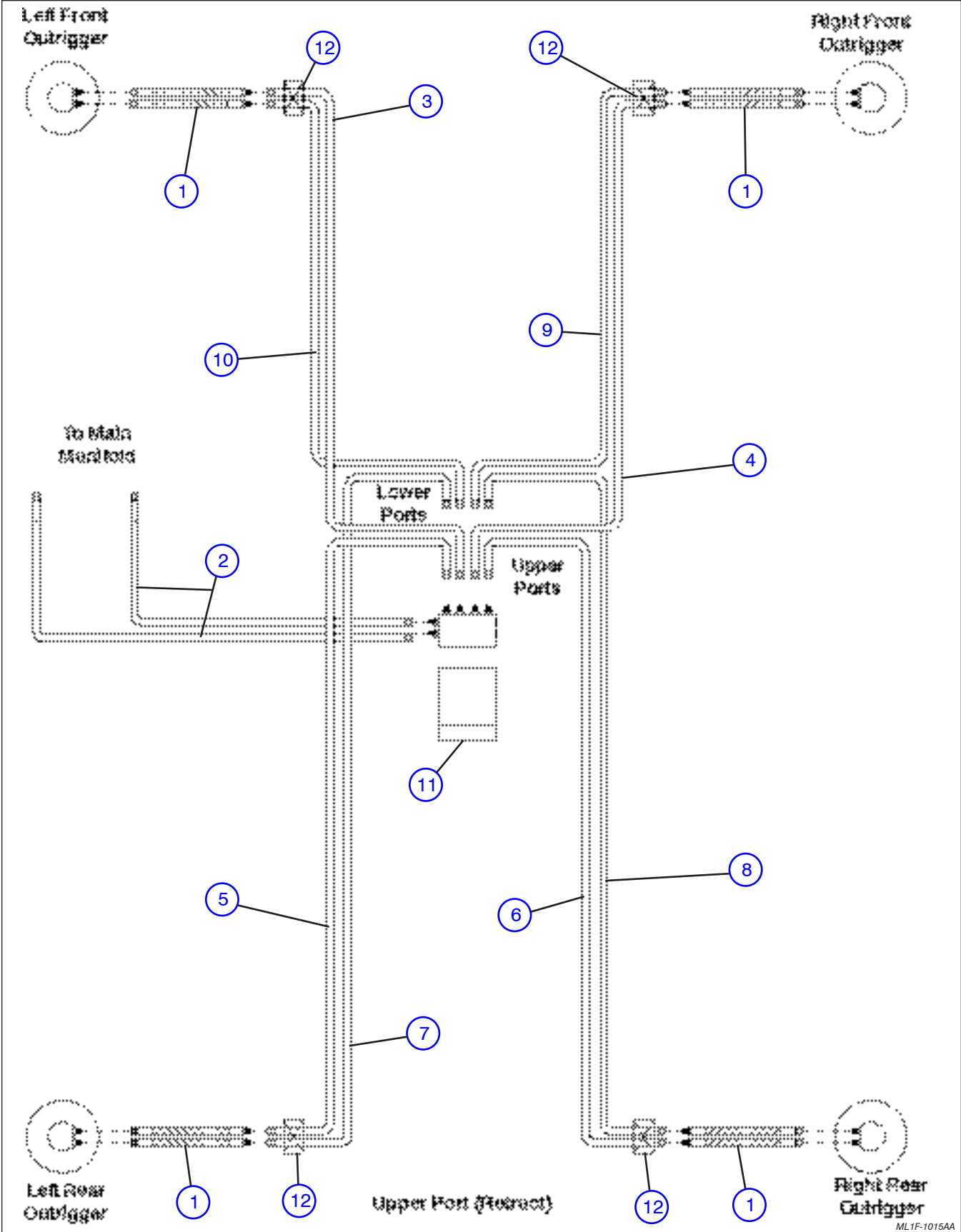
M132697AD

Hydraulic Outrigger Assembly

7

Index No.	Skyjack Part No.	Qty.	Description
A	139795	1	ASSEMBLY, Outrigger leg (Left front)
B	139796	1	ASSEMBLY, Outrigger leg (Right front)
C	139793	1	ASSEMBLY, Outrigger leg (Left rear)
D	139794	1	ASSEMBLY, Outrigger leg (Right rear)
1	130857	1	• WELDMENT, Outrigger leg (Left front), A
	130855	1	• WELDMENT, Outrigger leg (Right front), B
	124196	1	• WELDMENT, Outrigger leg (Left rear), C
	124200	1	• WELDMENT, Outrigger leg (Right rear), D
2	(Ref.)	-	• OUTRIGGER CYLINDER ASSEMBLY (For components, refer to Page 7.3)
3	101297	3	• BOLT, Hex head (3/8"-16 x 1.25")
4	103999	3	• WASHER, Lock (3/8")
5	124338	1	• CLIP, Plastic
6	112601	1	• NUT, Hex head flange (3/8"-16)
7	103472	1	• WASHER, Flat (3/8")
8	103978	1	• NUT, Hex head (3/8"-16, Grade 5)
9	124972	1	• CAP, Nut
10	124356	1	• SPRING, Compression
11	127003	1	• ROD, Actuator
12	139792	1	• SWITCH, Limit (Outrigger retracted)
	139791	1	• SWITCH, Limit (Outrigger extended)
13	126499	4	• SCREW, Machine (#8-32 x 7/8")
14	124335	1	• BRACKET, Limit switch
15	104000	4	• WASHER, Lock (1/4")
16	112495	2	• BOLT, Hex head (1/4"-20 x 3/5", Grade 5)
17	112249	4	• WASHER, Lock (#8)
18	103986	2	• NUT, Hex (#8-32)
19	102355	1	• COVER, Outrigger hose
	103856	4	• BOLT, Hex head (1/4"-20 x 3/4")
	104000	4	• WASHER, Lock (1/4")
	103995	6	• WASHER, Flat (1/4")
20	103091	33"	• CABLE PROTECTION (5/8")
21	113584	4"	• HEATSHRINK (1/2")
22	117578	1	• CONNECTOR, Receptacle (4 pin)
	117580	1	• CONNECTOR, Receptacle wedge (4 pin)
	117590	1	• CONNECTOR, Contact pin (16-18)
23	118478	1	• BUSHING, Limit switch mount
24	116827	1	• MOUNT, Limit switch
25	103995	2	• WASHER, Flat (1/4")
26	103859	2	• BOLT, Hex head (1/4"-20 x 1.5", Grade 5)
27	116826	1	• COVER, Limit switch
28	116193	4	• BOLT, Hex washer head (#10-32 x 1/2")
29	118387	1	• SPACER, Outrigger
30	103470	1	• WASHER, Lock (1/2", Grade 5)
31	103909	1	• BOLT, Hex head (1/2"-13 x 1.25", Grade 5)
L	(Ref.)	-	LABELS (For components, refer to Page 8.1)

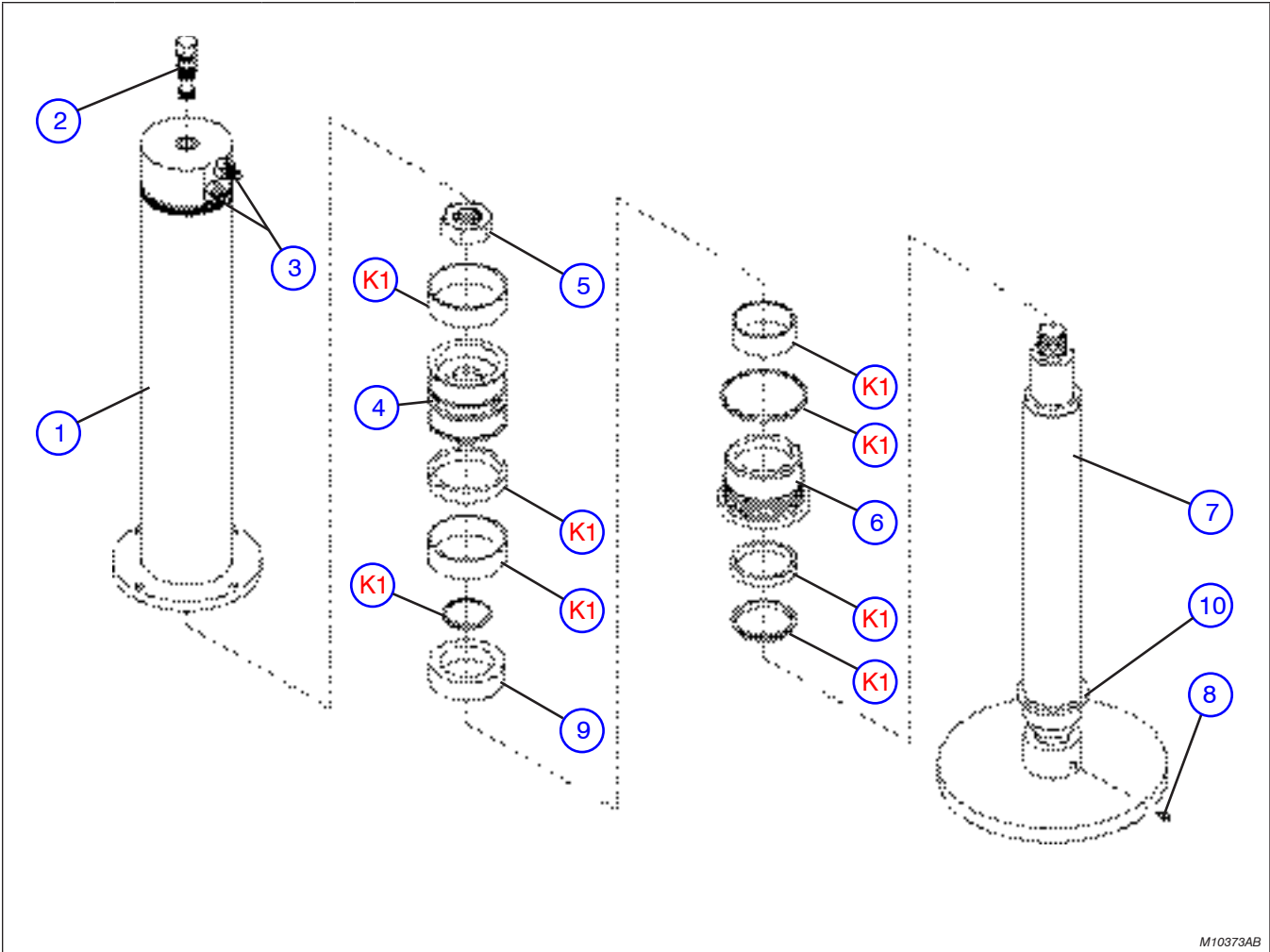
Hydraulic Hose Connections - Outrigger



Hydraulic Hose Connections - Outrigger

Index No.	Skyjack Part No.	Qty.	Description
1	130843	8	HOSE ASSEMBLY (Outrigger cylinder)
2	102554	2	HOSE ASSEMBLY (Main manifold to outrigger manifold)
3	112062	1	TUBE ASSEMBLY (Left front retract)
4	112063	1	TUBE ASSEMBLY (Right front retract)
5	112064	1	TUBE ASSEMBLY (Left rear retract)
6	112065	1	TUBE ASSEMBLY (Right rear retract)
7	112066	1	TUBE ASSEMBLY (Left rear extend)
8	112067	1	TUBE ASSEMBLY (Right rear extend)
9	112068	1	TUBE ASSEMBLY (Right front extend)
10	112069	1	TUBE ASSEMBLY (Left front extend)
11	118216	1	COVER, Outrigger manifold
12	102085	10	CLAMP, Double tube (3/8")

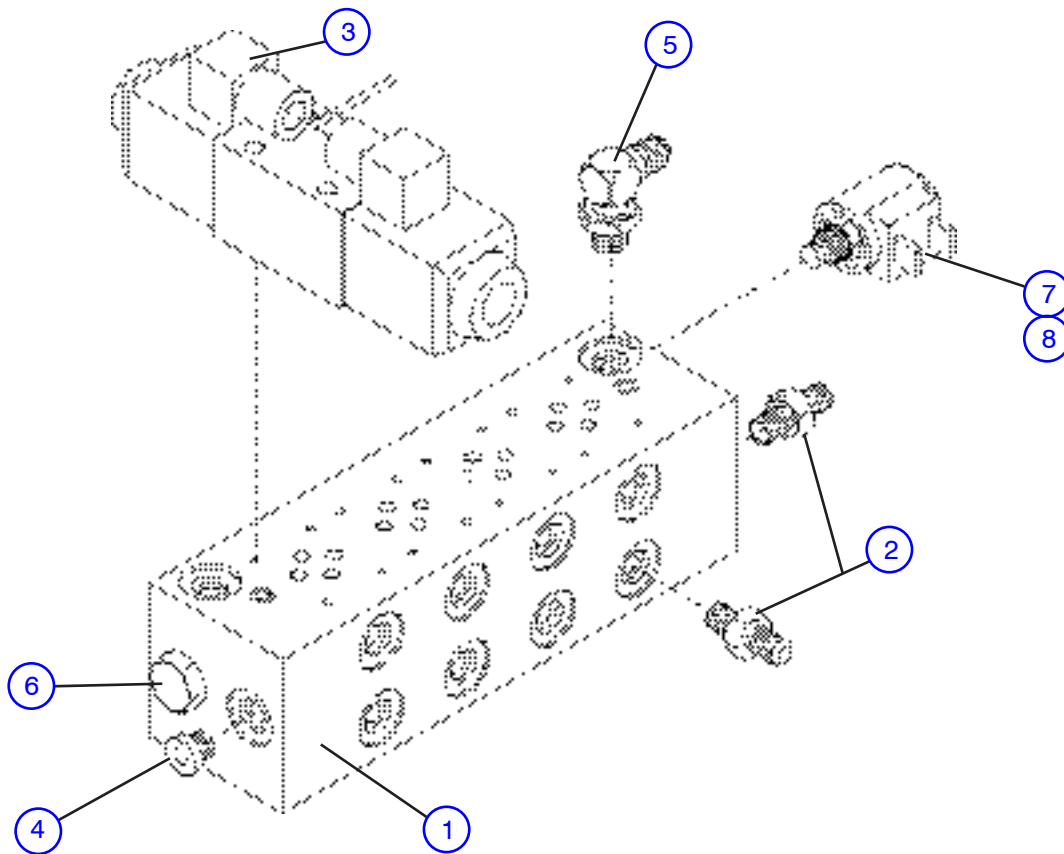
Outrigger Cylinder Assembly



M10373AB

Index No.	Skyjack Part No.	Qty.	Description
-	132694	-	OUTRIGGER CYLINDER ASSEMBLY
1	152132	1	• WELDMENT, Barrel
2	104115	1	• VALVE, Pilot check (Not part of cylinder)
3	103069	2	• FITTING, O-Ring
4	120640	1	• PISTON
5	106230	1	• NUT, Lock (1.25"-12, Grade C)
6	120387	1	• GLAND, Front head
7	126999	1	• ROD ASSEMBLY
8	102027	1	• FITTING, Grease (1/8" NPT)
	132565	1	• CAP, Rubber grease
9	132690	1	• SPACER, Cylinder tube
10	126279	1	• RING, Retaining (2.5")
K1	104355	-	KIT, Seal repair

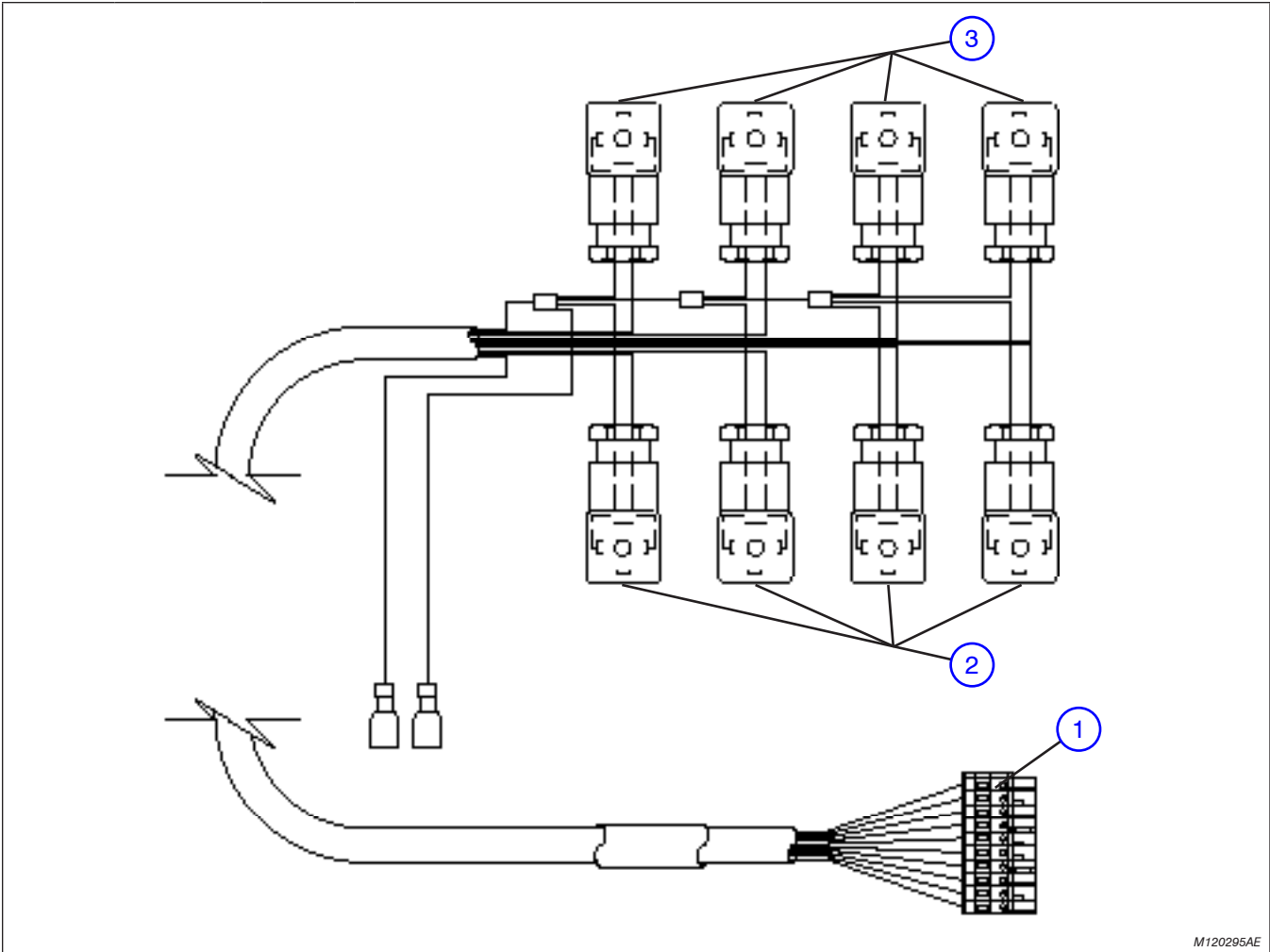
Outrigger Manifold Assembly



ML1F-1017AB

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref.)	-	OUTRIGGER MANIFOLD ASSEMBLY
1	111970	1	• BLOCK, Outrigger manifold
2	103069	9	• FITTING, Connector (#8orb-#8)
3	128317	1	• DIRECTIONAL VALVE ASSEMBLY
	128320	2	• • COIL, 24 Volt spool valve
	103920	4	• BOLT, Socket head (#10-24 x 2", Grade 5)
	103614	1	• VALVE ASSEMBLY, (Vickers, 24V)
	107439	2	• • COIL, 24V
	103920	4	• • BOLT, Socket head (#10-24 x 2", Grade 5)
4	104437	2	• PLUG, Socket head (#8orb)
5	103073	1	• FITTING, Elbow 90° (#6orb-#6)
6	113801	1	• PLUG, Cavity
7	103613	1	• COIL, 24V
8	103655	1	• VALVE, N.C. (outrigger holding)

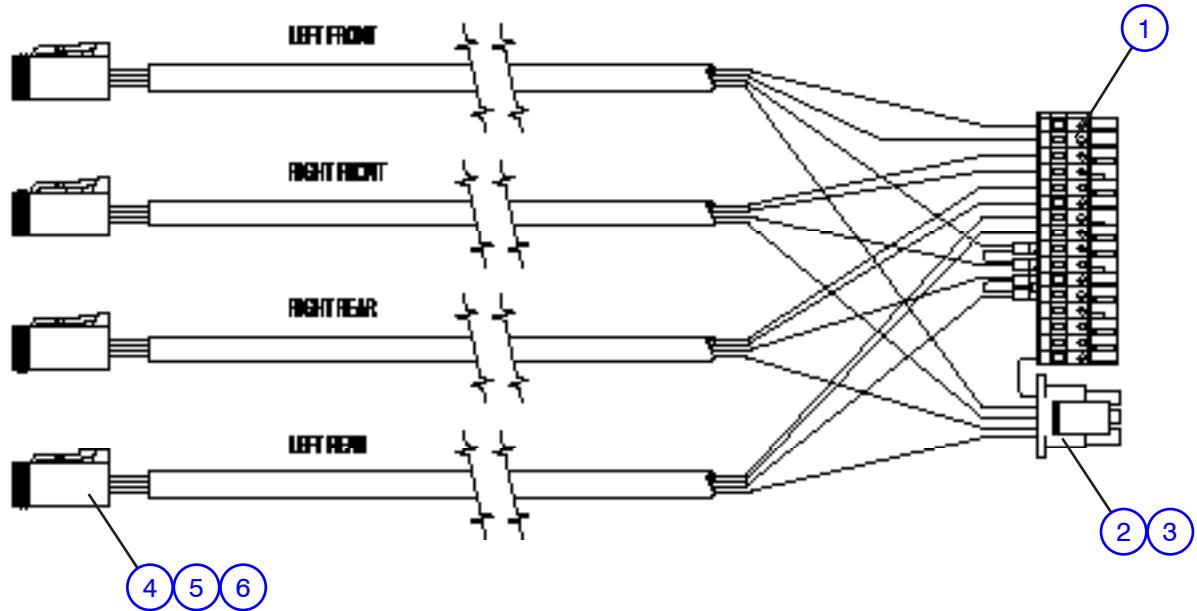
Outrigger Manifold Harness



M120295AE

Index No.	Skyjack Part No.	Qty.	Description
-	120295	-	OUTRIGGER MANIFOLD HARNESS
1	119902	1	• CONNECTOR, PC board (10 pole)
2	104409	4	• CONNECTOR, Plug (Black)
3	104345	4	• CONNECTOR, Plug (Gray)

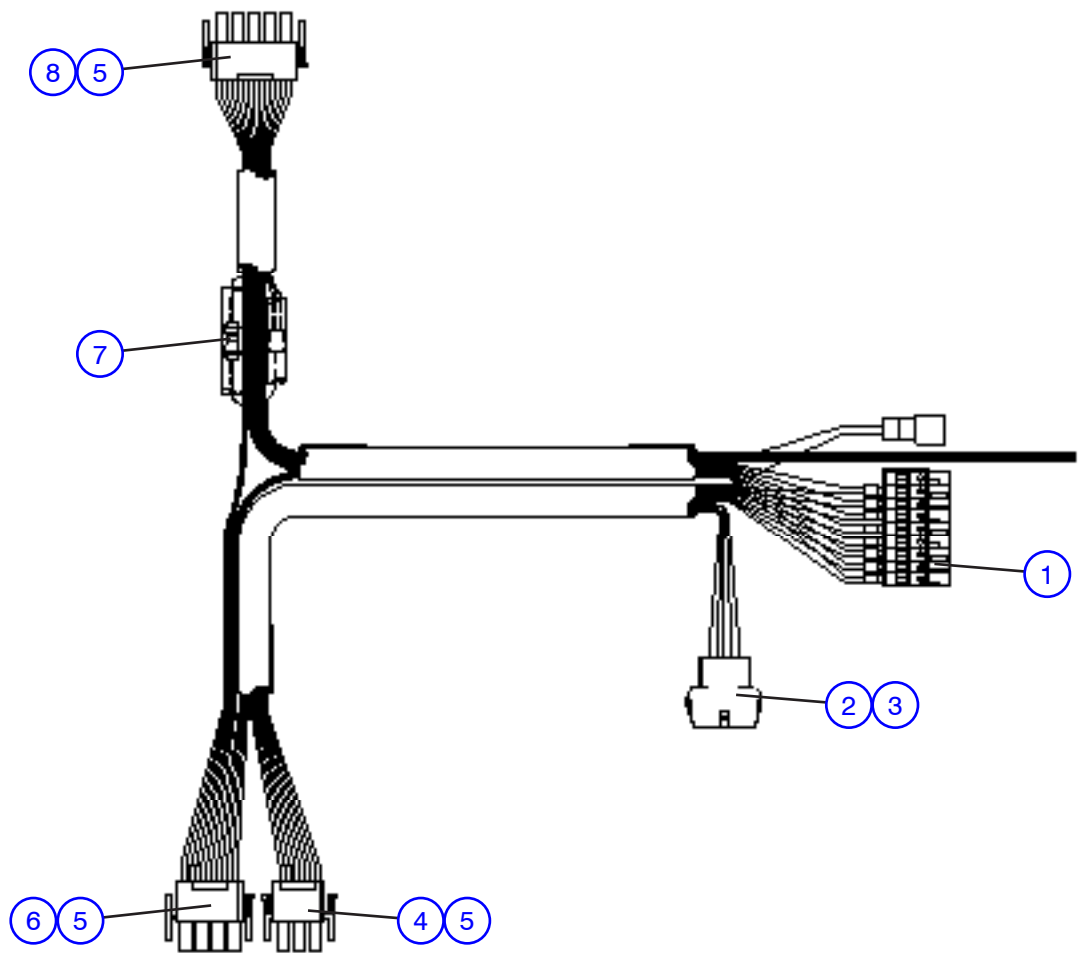
Outrigger Limit Switch Harness



M139751AA

Index No.	Skyjack Part No.	Qty.	Description
-	139751	-	OUTRIGGER LIMIT SWITCH HARNESS
1	119908	1	• CONNECTOR, PC board (16 pole)
2	130445	1	• PLUG, Male (6 pole)
3	116990	5	• PIN, Female
4	117579	4	• CONNECTOR, Plug (4 pole)
5	117581	4	• CONNECTOR, Plug wedge (4 pole)
6	117591	16	• CONNECTOR, Contact socket (16-18)

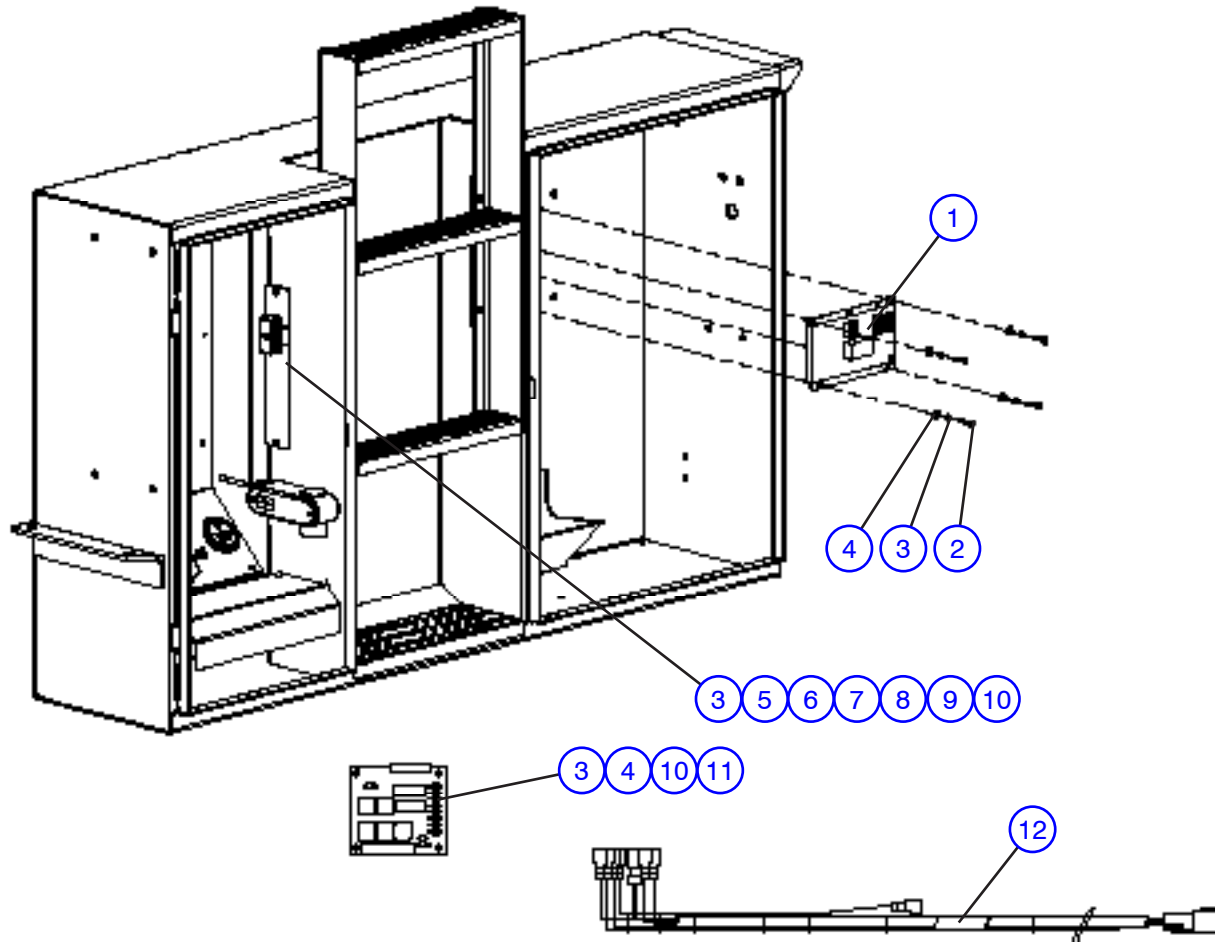
Outrigger Auto-Level Harness



M139734AB

Index No.	Skyjack Part No.	Qty.	Description
-	139734	-	OUTRIGGER AUTO-LEVEL HARNESS
1	119901	1	• CONNECTOR, PC board (9 pole)
2	132799	1	• RECEPTACLE, Female (6 pole)
3	116989	5	• PIN, Male
4	116993	1	• PLUG, Male (9 pole)
5	116990	36	• PIN, Female
6	130449	1	• PLUG, Male (12 pole)
7	146004	1	• RESISTOR (330 Ohm - 2 Watt)
8	116994	1	• PLUG, Male (15 pole)

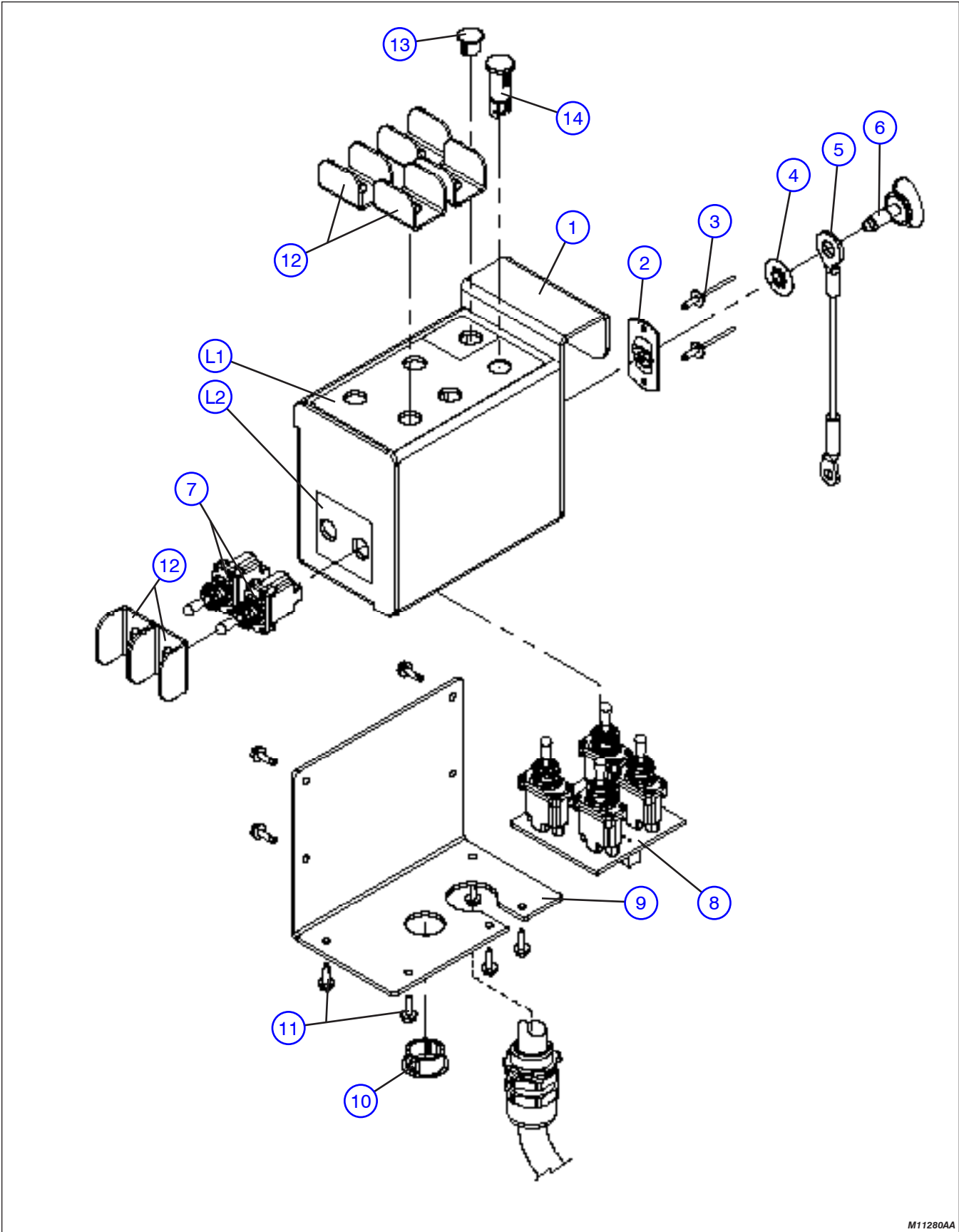
Outrigger Auto-Level Control Module



M132804AA

Index No.	Skyjack Part No.	Qty.	Description
1	132804	1	MODULE, Outrigger auto-level control
2	105621	4	BOLT, Machine (#10-32 x 1")
3	104185	12	WASHER, Lock (#10 NOM)
4	104694	8	WASHER, Flat (#10 SAE)
5	108589	2	RELAY, 24V (40 Amp)
6	115545	2	SCREW, Round head machine (#10-32 x 3/8")
7	104003	2	NUT, Hex head (#10-32)
8	139418	1	PLATE, Relay mount
9	103980	2	NUT, Hex head (1/4"-20, Grade 5)
10	104698	6	BOLT, Machine (#10-32 x 3/4")
11	119724	1	PC BOARD, Outrigger option
12	157203	1	HARNESS, Outrigger relay
	117578	1	• CONNECTOR, Receptacle (4 pin)
	117580	1	• CONNECTOR, Receptacle wedge (4 pin)
	117590	3	• CONNECTOR, Contact pin (16/18)
	117594	1	• CONNECTOR, Sealing plug

Outrigger Control Console Assembly



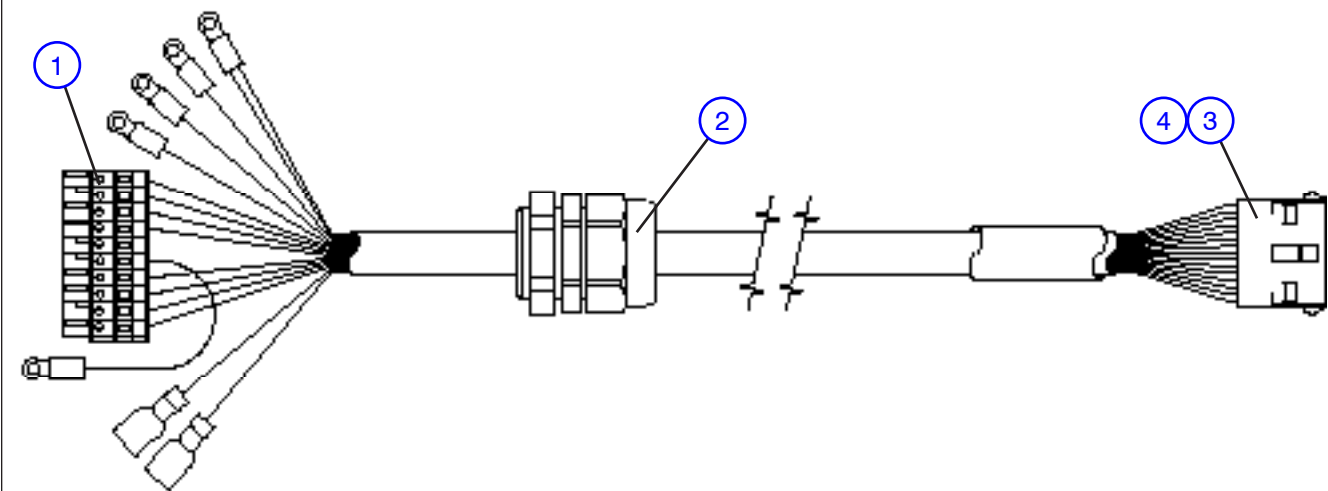
M11280AA

Outrigger Control Console Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	129290	1	CONTROL CONSOLE ASSEMBLY (Outrigger)
1	132811	1	• WELDMENT, Control console
2	120269	1	• RECEPTACLE, Screw captive
3	119945	2	• RIVET, Large aluminum pop
4	120270	1	• RETAINER, Screw captive
5	120277	1	• LANYARD, Nylon coated (6")
6	120268	1	• SCREW, Captive wing head
7	102853	2	• SWITCH, Toggle
8	121664	1	• BOARD, Outrigger control
	102853	4	• • SWITCH, Toggle
9	129289	1	• WELDMENT, Bottom cover
10	102956	1	• PLUG, Snap-in hole (7/8")
11	112327	9	• SCREW, Hex head self tapping (#8-18 x 1/2")
12	111181	6	• GUARD, Switch
13	114377	1	• PLUG, Snap-in hole (1/2")
14	133133	1	• LIGHT, Indicator amber (12V)
L1	133227	1	LABEL, Outriggers and hydraulic generator
L2	133228	1	LABEL, Auto-level outriggers

Index No.	Skyjack Part No.	Qty.	Description

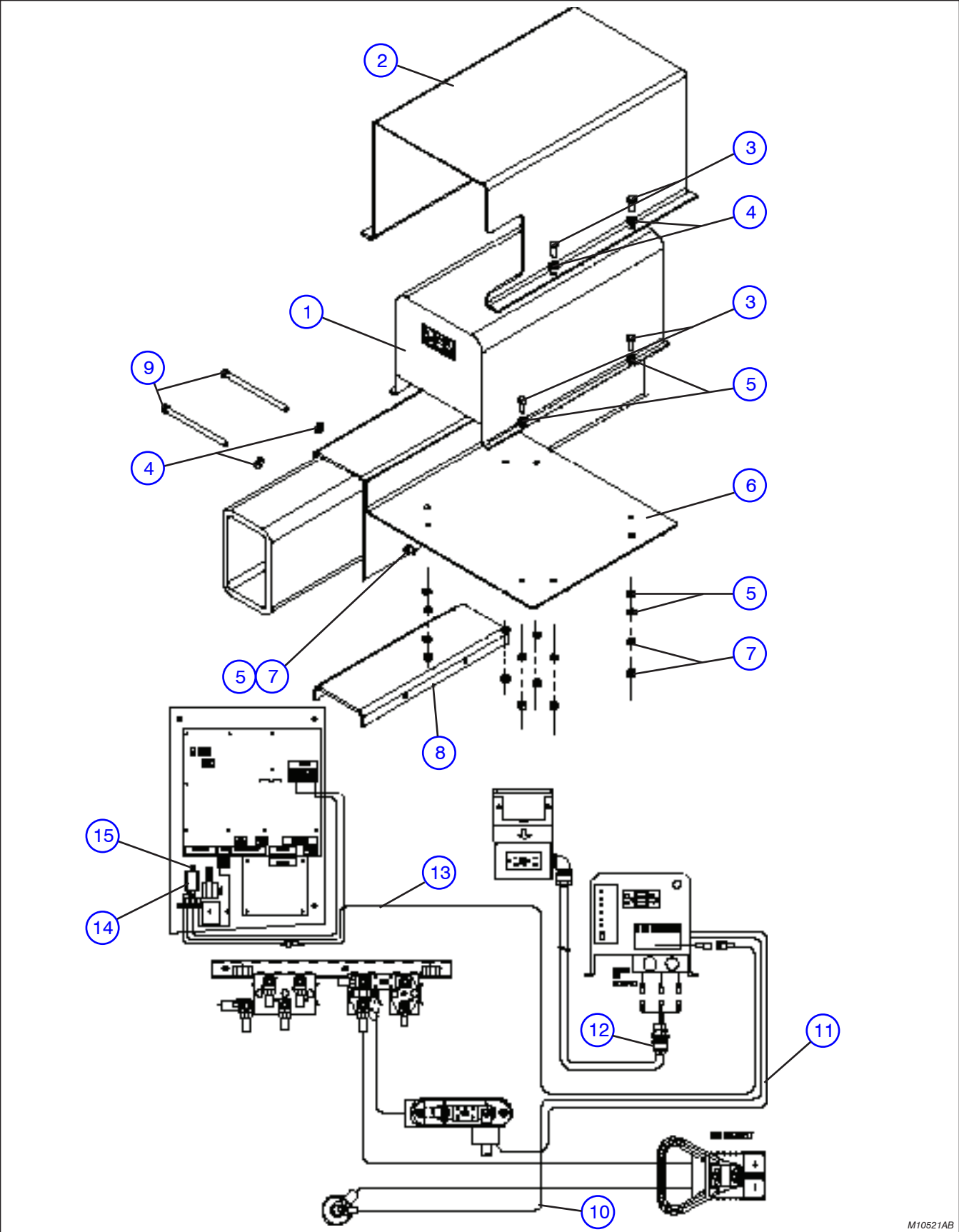
Outrigger Control Cable



M133831AE

Index No.	Skyjack Part No.	Qty.	Description
A	134032	1	OUTRIGGER CONTROL CABLE (Model 8831E)
B	133831	1	OUTRIGGER CONTROL CABLE (Model 8841E)
1	119902	1	• CONNECTOR, PC board (10 pole) • STRAIN RELIEF • RECEPTACLE, Female (15 pole) • PIN, Male
2	300788	1	
3	132800	1	
4	116989	15	

1500W Inverter Assembly

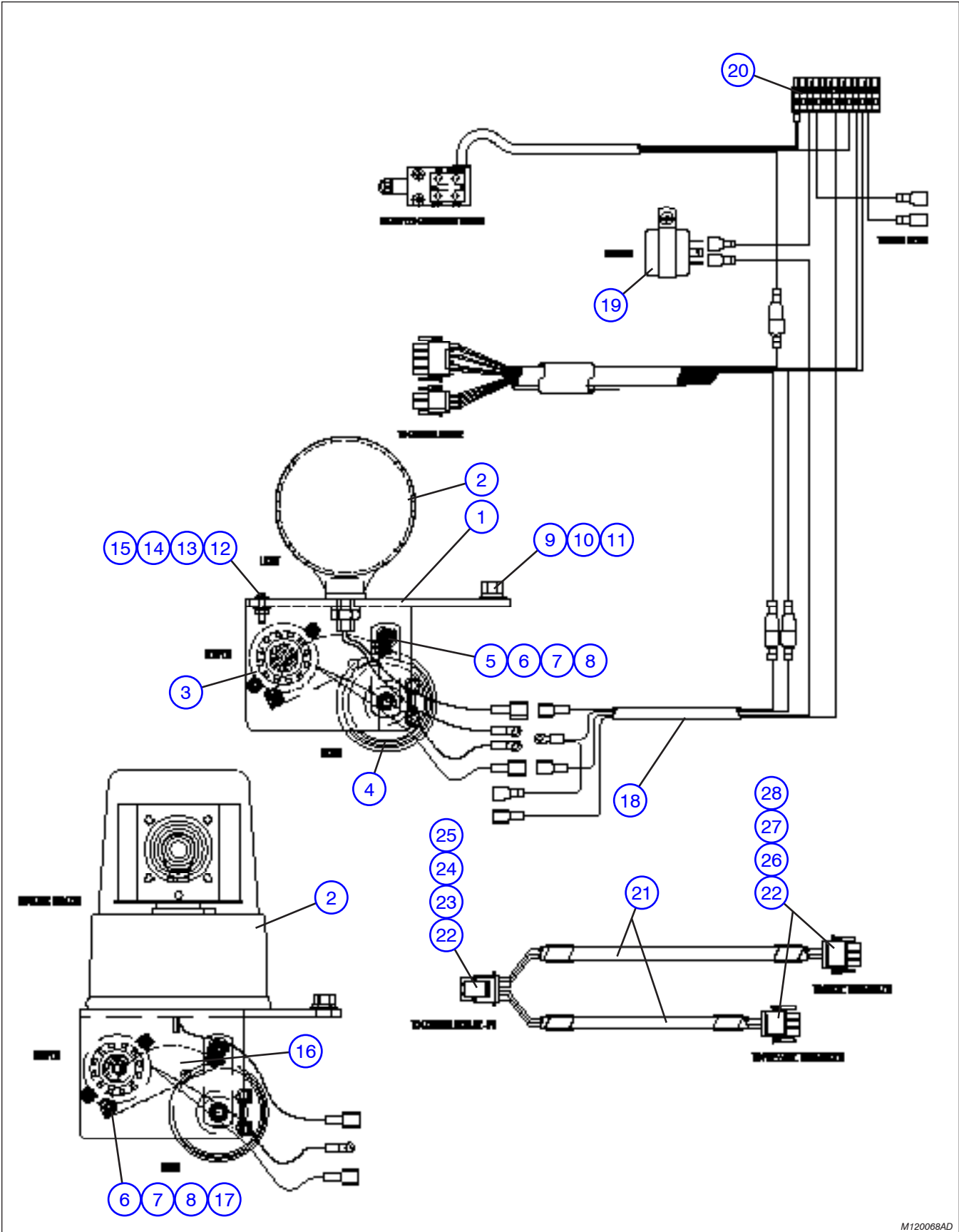


M10521AB

1500W Inverter Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	124756	1	INVERTER, 1500W (110/220V @ 50hz)
2	123748	1	COVER, Inverter
3	103856	8	BOLT, Hex head (1/4"-20 x 3/4", Grade 5)
4	103995	6	WASHER, Flat (1/4" SAE)
5	104000	16	WASHER, Lock (1/4" NOM x 0.06")
6	124171	1	SUPPORT ASSEMBLY
7	103980	10	NUT, Hex (1/4"-20, Grade B)
8	124098	1	SUPPORT, Inverter
9	103889	2	BOLT, Hex head (1/4"-20 x 5", Grade 5)
10	124895	1	CABLE ASSEMBLY
11	124089	1	CABLE ASSEMBLY
12	103041	1	STRAIN RELIEF (blue)
13	124149	1	WIRE ASSEMBLY (Remote switch)
14	132494	1	RELAY, Timer cut-off (24V)
15	103955	1	BOLT, Machine (#6-32 x 3/4")
	106099	1	WASHER, Lock (#6)

Horn, Light, Amber Beacon, Beeper, Transducer and Flasher Assembly (CE)

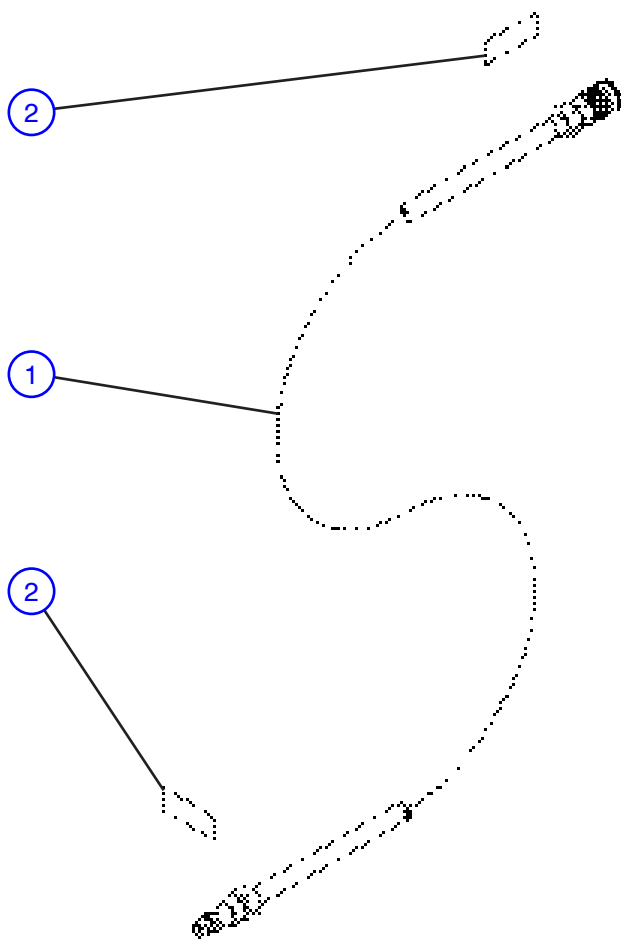


M120068AD

Horn, Light, Amber Beacon, Beeper, Transducer and Flasher Assembly (CE)

Index No.	Skyjack Part No.	Qty.	Description
A	151112	-	HORN/LIGHT/BEEPER ASSEMBLY
B	151114	-	HORN/ROTATING LIGHT/BEEPER ASSEMBLY
1	132295	1	• PLATE, Mounting
2	121477	1	• LIGHT, Beacon (24V), A
	108102	1	• BEACON, Rotating Amber (24V), B
3	117967	1	• BEEPER (9 - 28 VDC)
4	146649	1	• HORN, Low tone (24 Volt)
5	103856	1	• BOLT, Hex head (1/4"-20 x 3/4", Grade 5)
6	104000	3	• WASHER, Lock (1/4")
7	103995	3	• WASHER, Flat (1/4")
8	103980	3	• NUT, Hex (1/4"-20)
9	103978	2	• NUT, Hex head (3/8"-16, Grade 5)
10	103472	2	• WASHER, Flat (3/8")
11	103999	2	• WASHER, Lock (3/8")
12	104698	3	• SCREW, Round head machine (#10-32 x 3/4"), A
		2	• SCREW, Round head machine (#10-32 x 3/4"), B
13	104185	3	• WASHER, Lock (#10), A
		2	• WASHER, Lock (#10), B
14	104694	1	• WASHER, Flat (#10), A
15	104003	3	• NUT, Hex head (#10-32), A
		2	• NUT, Hex head (#10-32), B
16	130440	1	• TRANSDUCER, Angle
17	103862	2	• BOLT, Hex head (1/4"-20 x 2.25", Grade 5)
18	126608	1	CABTIRE BEEPER ASSEMBLY
19	(Ref.)	-	FLASHER ASSEMBLY, A
	103743	1	• FLASHER (12 - 24V)
	132793	1	• CLAMP, Flasher
	103111	1	• BULB (24V)
20	119905	1	CONNECTOR, PC Board (13 Pin)
21	134438	1	HARNESS, Angle/Pressure transducer
22	116990	12	• PIN, Female
23	134069	1	• SEAL, Interface (9 position)
24	116993	1	• HOUSING, Plug (9 pin)
25	134070	1	• SEAL, Wire (9 position)
26	134067	2	• SEAL, Interface (3 position)
27	130446	2	• HOUSING, Plug (3 pin)
28	134068	2	• SEAL, wire (3 position)

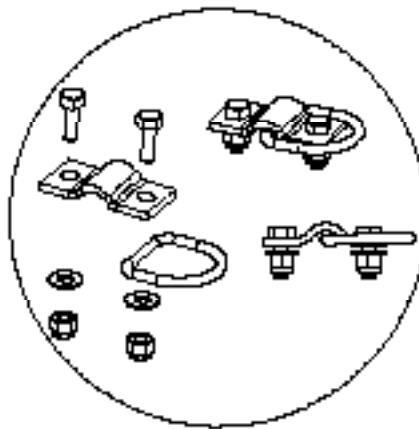
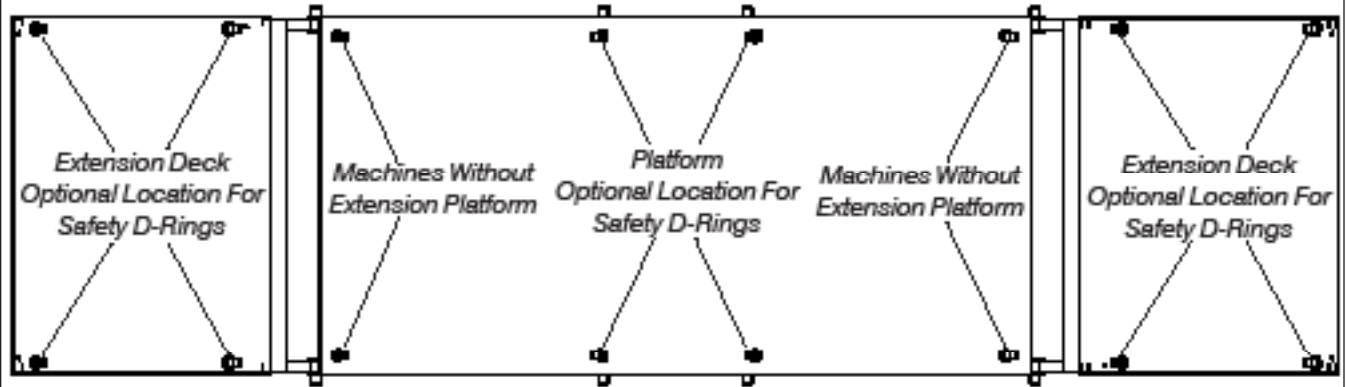
Air Hose to Platform Assembly



M127539AB

Index No.	Skyjack Part No.	Qty.	Description
A	116374	-	AIR HOSE TO PLATFORM (Models 8841E)
B	124177	-	AIR HOSE TO PLATFORM (Models 8831E)
1	-	-	HOSE ASSEMBLY (Air to platform)
	107882	1	• FITTING, Female disconnect
	107883	1	• FITTING, Male disconnect
	107884	840"	• HOSE, Air (1/2"), A
		636"	• HOSE, Air (1/2"), B
	109050	2	• FITTING, Hose barb
	107886	2	• CLAMP, Hose
	102891	15	TIEWRAP (7")
	102893	6	TIEWRAP (14")
2	138212	2	LABEL, Connect air here

Safety D-Ring Assembly



M10983AA

Index No.	Skyjack Part No.	Qty.	Description
A	125584	-	SAFETY D-RING KIT
1	103473	2	• BOLT, Hex head (3/8"-16 x 1", Grade 5)
2	113122	1	• BRACKET, Safety ring
3	114989	1	• D-RING, Safety
4	103472	2	• WASHER, Flat (3/8")
5	104606	2	• NUT, Hex nylon lock (3/8"-16, Grade 5)

Notes

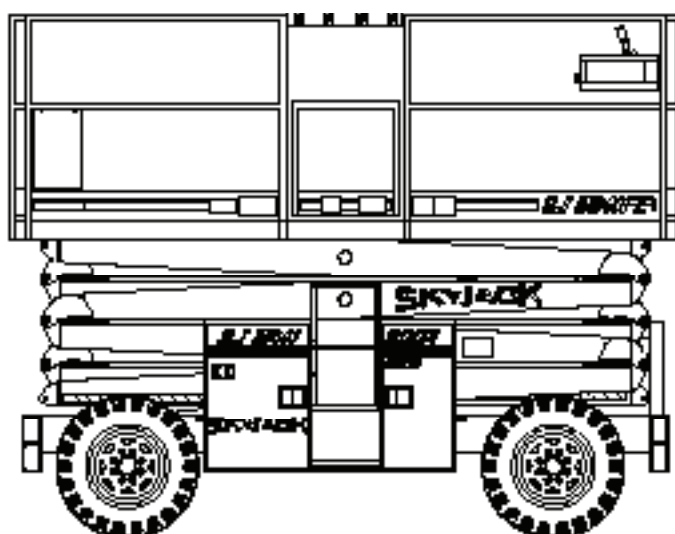
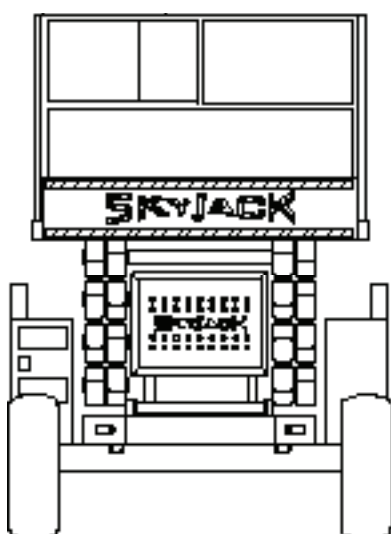
Label Kits

The following label kit is for models SJ 8831E and 8841E. The kit contains labels that are common to both machines.

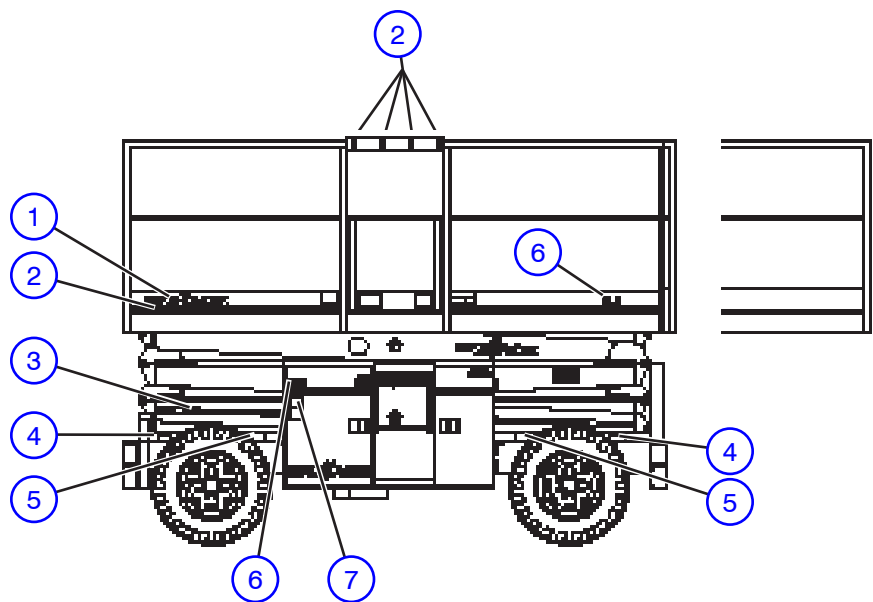
It excludes:

- serial numbers
- nameplates
- registrations
- stripes
- tapes
- platform capacities
- model designations
- all special options

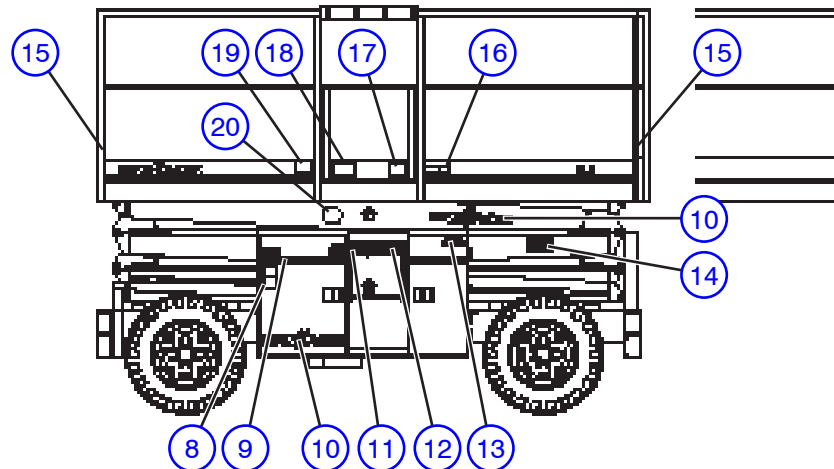
Supply model number, country and language when ordering complete machine labels.



Labels - Right Side

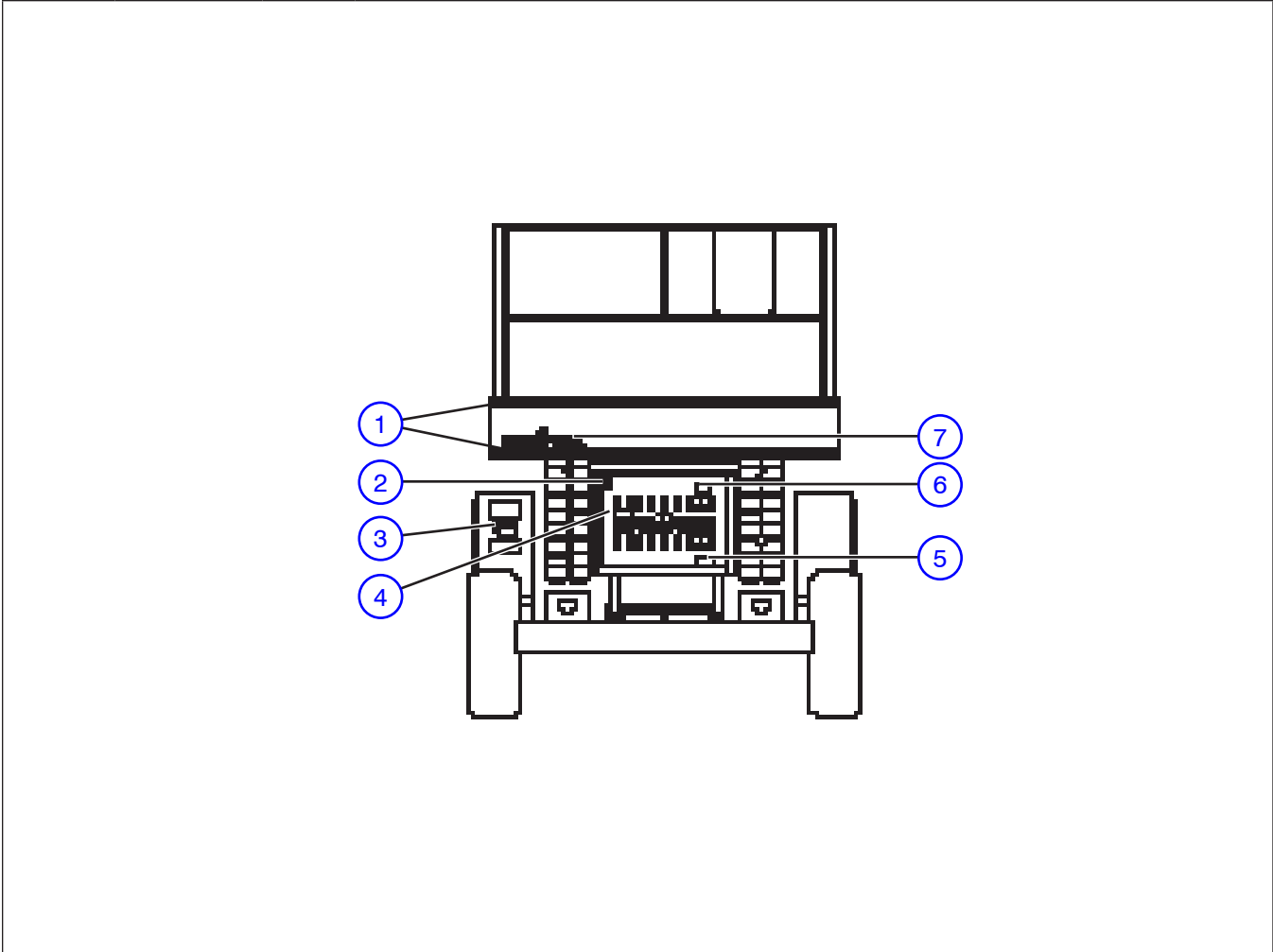


Index No.	Skyjack Part No.	Qty.	Description
1	129758	1	LABEL, SKYJACK (medium)
2	103125	AR	STRIPE, White/Blue (Not included in kit)
3	102975	AR	TAPE, Caution (Not included in kit)
4	124631	1	LABEL, Wheel info.
5	142384	4	LABEL, Foam filled (Not included in kit)
	155865	4	LABEL, Wheel load (Not included in kit)
6	129806	4	LABEL, "SJ 8831" (Not included in kit)
	129807	4	LABEL, "SJ 8841" (Not included in kit)
	129823	4	LABEL, "E" (Not included in kit)
7	117023	2	LABEL, "CE"
Parts list continued on the following page.			

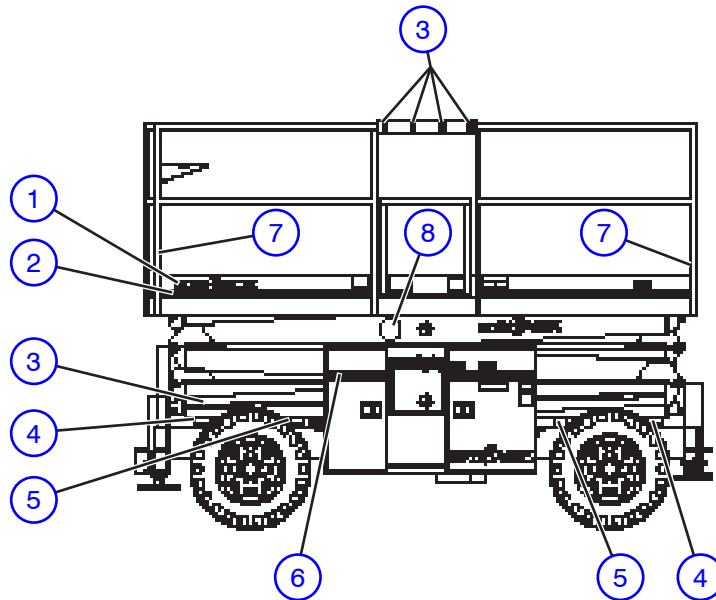


Index No.	Skyjack Part No.	Qty.	Description
Parts list continued from the previous page.			
8	128226	1	LABEL, 103 db (CE)
9	103110	AR	STRIPE, Red/Blue/Red (Not included in kit)
10	129761	2	LABEL, "Skyjack" (semi large)
11	129838	1	LABEL, Keep
12	129839	1	LABEL, Clear
13	129810	1	LABEL, 4x4
14	109985	1	LABEL, Annual inspection
15	126056	AR	LABEL, Warning! falling hazard
16	155805	2	LABEL, Platform capacities 2000 (500/1000/500) (Model 8831E)
	147936	2	LABEL, Platform capacities 1500 (500/500/500) (Model 8841E) (Platform capacity label not included in kit)
17	124632	1	LABEL, Warning! Do not wear jewelry
18	124465	1	LABEL, Side force/outdoor
19	106691	1	LABEL, Operator's check list
20	139855	1	LABEL, "Keep clear"

Labels - Front Side

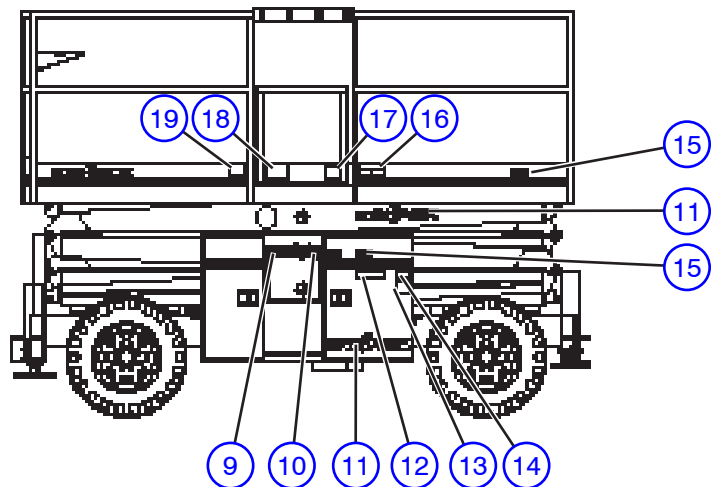


Index No.	Skyjack Part No.	Qty.	Description
1	102975	AR	TAPE, Caution (Not included in kit)
2	119915	1	LABEL, Fuse
3	120124	1	LABEL, Warning! Charging
4	119967	1	LABEL, Battery disconnect
5	700473	1	LABEL, Battery water
6	119974	1	LABEL, Battery lockout
7	129761	1	LABEL, Skyjack (small)

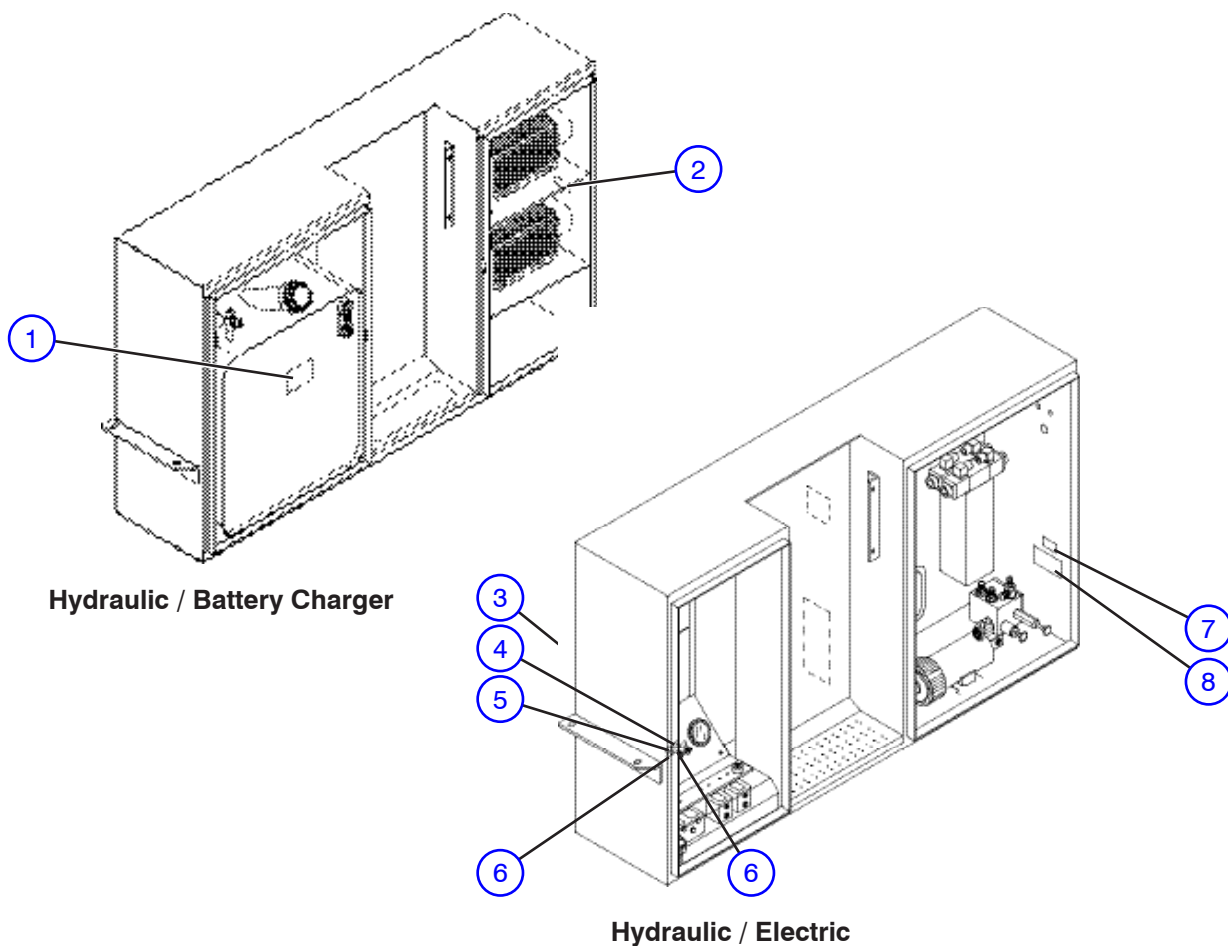


Index No.	Skyjack Part No.	Qty.	Description
1	129758	1	LABEL, SKYJACK (medium)
2	103125	AR	STRIPE, White/Blue (Not included in kit)
3	102975	AR	TAPE, Caution (Not included in kit)
4	124631	2	LABEL, Wheel info.
5	142384	2	LABEL, Foam filled (Not included in kit)
	155865	2	LABEL, Wheel load (Not included in kit)
6	103110	AR	STRIPE, Red/Blue/Red (Not included in kit)
7	126056	AR	LABEL, Warning! falling hazard
8	139855	1	LABEL, "Keep clear"
Parts list continued on the following page.			

Labels - Left Side

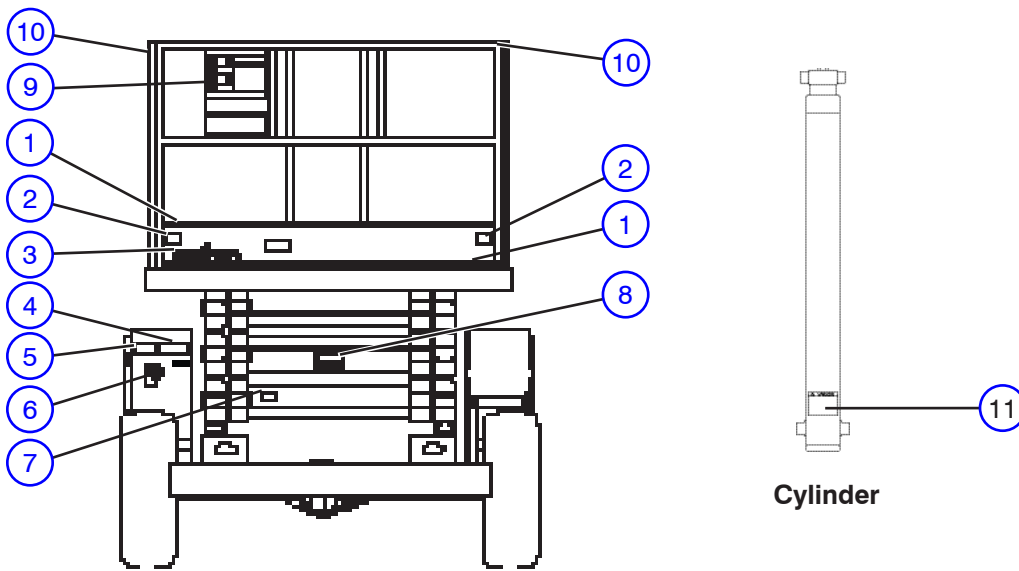


Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
9	129838	1	LABEL, Keep
10	129839	1	LABEL, Clear
11	129761	2	LABEL, "Skyjack" (semi large)
12	123628	1	LABEL, Manual box
13	128226	1	LABEL, 103 db (CE)
14	117023	1	LABEL, "CE"
15	129806	2	LABEL, "SJ 8831" (Not included in kit)
	129807	2	LABEL, "SJ 8841" (Not included in kit)
	129823	2	LABEL, "E" (Not included in kit)
16	155805	2	LABEL, Platform capacities 2000 (500/1000/500) (Model 8831E)
	147936	2	LABEL, Platform capacities 1500 (500/500/500) (Model 8841E) (Platform capacity label not included in kit)
17	124632	1	LABEL, Warning! Do not wear jewelry
18	124465	1	LABEL, Side force/outdoor
19	106691	1	LABEL, Operator's check list

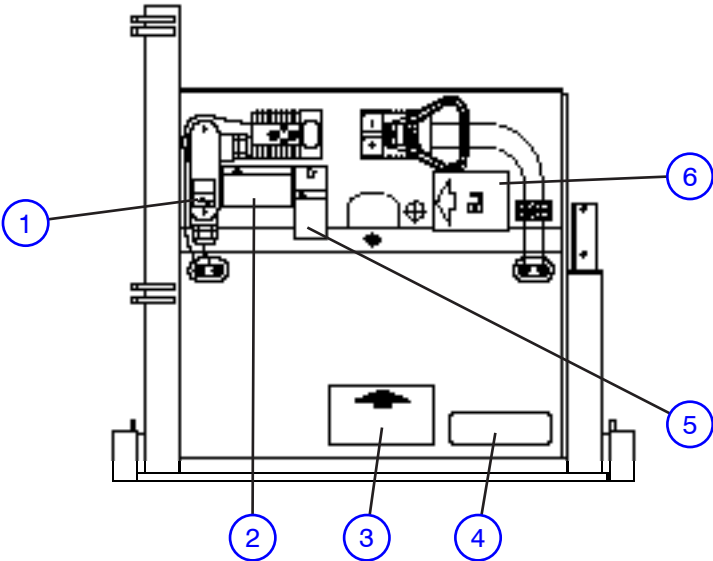


Index No.	Skyjack Part No.	Qty.	Description
1	102961	1	LABEL, Use hydraulic oil
2	120124	1	LABEL, Warning! Charging
3	117389	1	LABEL, Ground circuit breaker symbol
4	120089	1	LABEL, 24V
5	120090	1	LABEL, 48V
6	117387	2	LABEL, Power circuit breaker symbol
7	702005	1	LABEL, Do not release brake
8	113846	1	LABEL, Winching/Towing/Pushing procedure

Labels - Rear Side

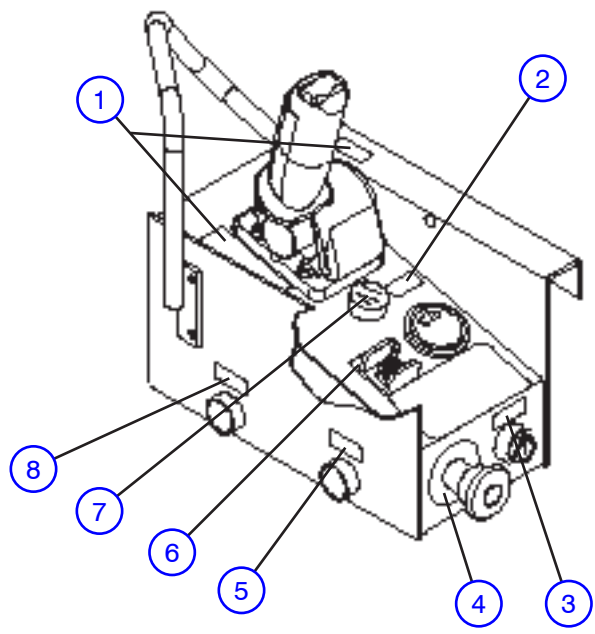


Index No.	Skyjack Part No.	Qty.	Description
1	102975	AR	TAPE, Caution (Not included in kit)
2	130018	AR	LABEL, Harness anchorage
3	129758	1	LABEL, "Skyjack" (medium)
4	111605	1	LABEL, Emergency lowering
5	155889	1	LABEL, Standards compliance (Not included in kit) (CE)
6	146443	1	LABEL, Base controls pictorial
7	106705	1	LABEL, Do not alter
8	133101	1	LABEL, Serial plate (Not included in kit) (CE)
9	146526	1	LABEL, Danger/Warning Info
10	126056	AR	LABEL, Warning! falling hazard
11	106703	1	LABEL, Orifice



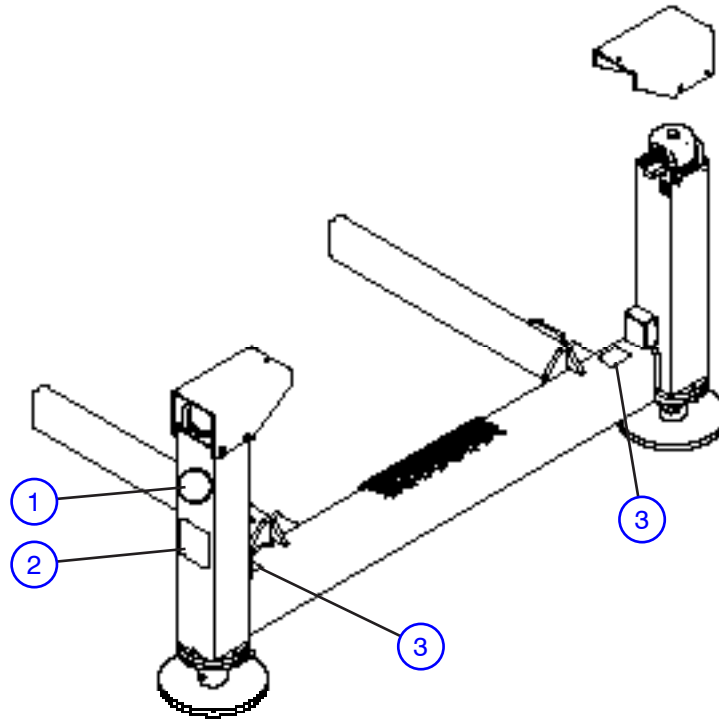
Index No.	Skyjack Part No.	Qty.	Description
1	119915	1	LABEL, Fuse
2	123644	1	LABEL, Charger
3	119967	1	LABEL, Battery disconnect switch and fuse
4	700473	1	LABEL, Check battery level daily
5	115719	1	LABEL, Connect charger here
6	119974	1	LABEL, Lockout here

Labels - Platform Control Console



Index No.	Skyjack Part No.	Qty.	Description
1	130434	1	LABEL, Lift/drive
2	130639	1	LABEL, Overload pictorial
3	130617	1	LABEL, Base/Off/Platform
4	111814	1	LABEL, Emergency stop
5	115594	1	LABEL, Enable
6	130638	1	LABEL, Lift/Off/Drive
7	119909	1	LABEL, Trouble alarm
8	105352	1	LABEL, Horn

Labels - Outriggers



Index No.	Skyjack Part No.	Qty.	Description
1	139855	4	LABEL, Keep clear (Not included in kit)
2	119866	4	LABEL, Danger hand/foot pinch (Not included in kit)
3	106705	4	LABEL, Do not alter (Not included in kit)

Notes

Rough Terrain Scissor Fluid Tables

AXLE OIL						
Axle Type		Capacity (Liters)	Capacity (US Gallons)	Oil Type	Skyjack Part No.	Recommended Equivalent Oil
Dashtron	Front	2.4	0.634	Gear Oil, 80W-90 GL3	134812	-
Demo	Front / Rear					
Dashtron	Rear	1	0.264	Gear Oil, 85W-90	133481	Chevron Gear Lubricant Delo ESI 80W-90, Caltex Gear Lubricant ESI 80W-90, Caltex RPM Berate EP 80W-90, Tenneco Star Gear Lubricant 80W-90

CENTER DRIVE OIL					
Center Drive Type	Capacity (Liters)	Capacity (US Gallons)	Oil Type	Skyjack Part No.	Recommended Equivalent Oil
Center Drive	1	0.26	Gear Oil, 80W-90 GL3	134512	-

HYDRAULIC OIL				
Model	Capacity (Liters)	Capacity (US Gallons)	Oil Type	Skyjack Part No.
SJRT-680X	88.88	23.43	ATF Dexron III	110908
SJRT-7127	80.48	21.28		
SJRT-7158				
SJRT-8248				
SJRT-8830				
SJRT-8851	75.71	20		
SJRT-8841				
SJRT-8831 E				
SJRT-8841 E				
SJRT-8241	67.58	17.8		
SJRT-8230				

Notes



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