

Section 6

Parts Lists

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.

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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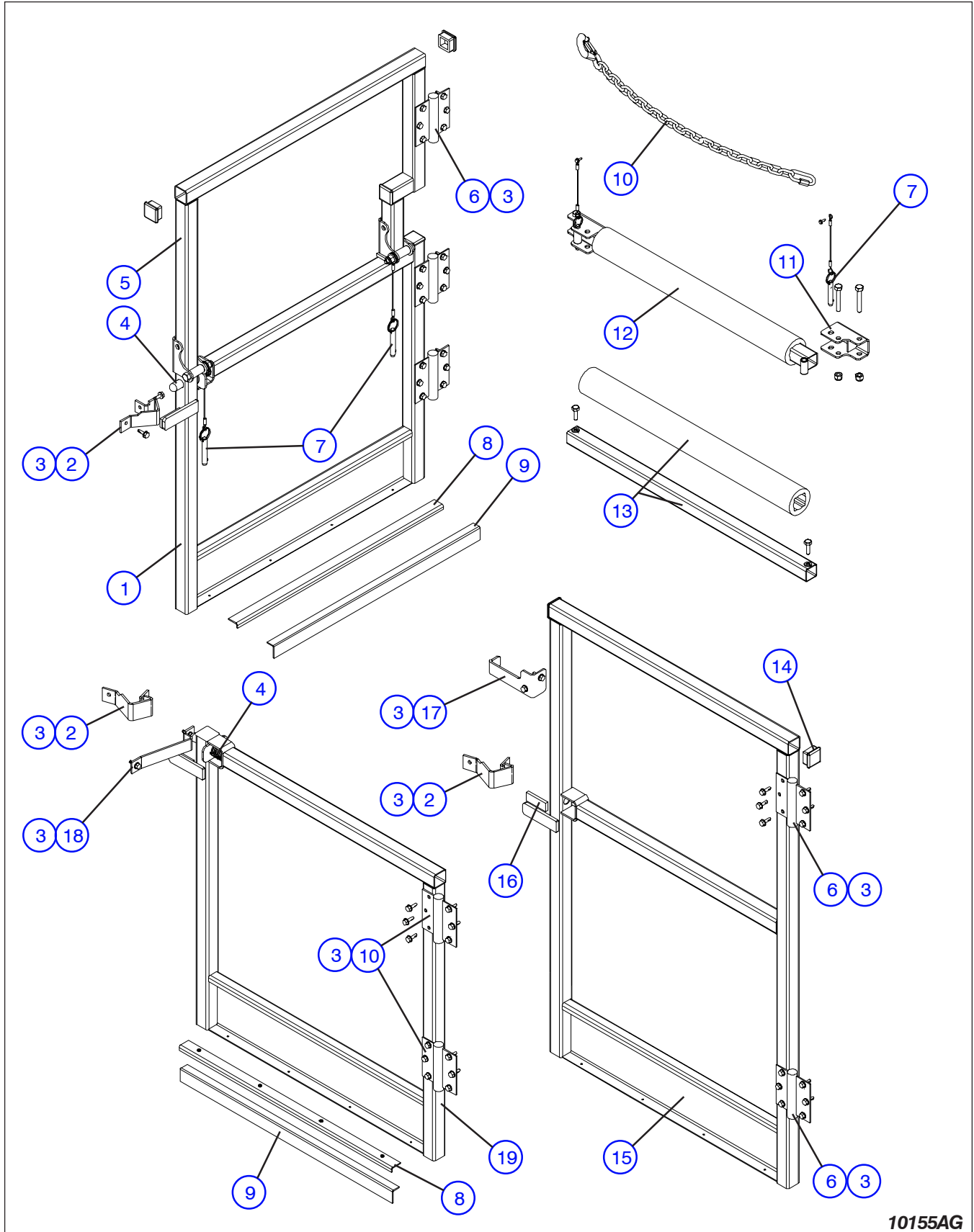
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Figure 6.1-1. Entrance Gates And Chains



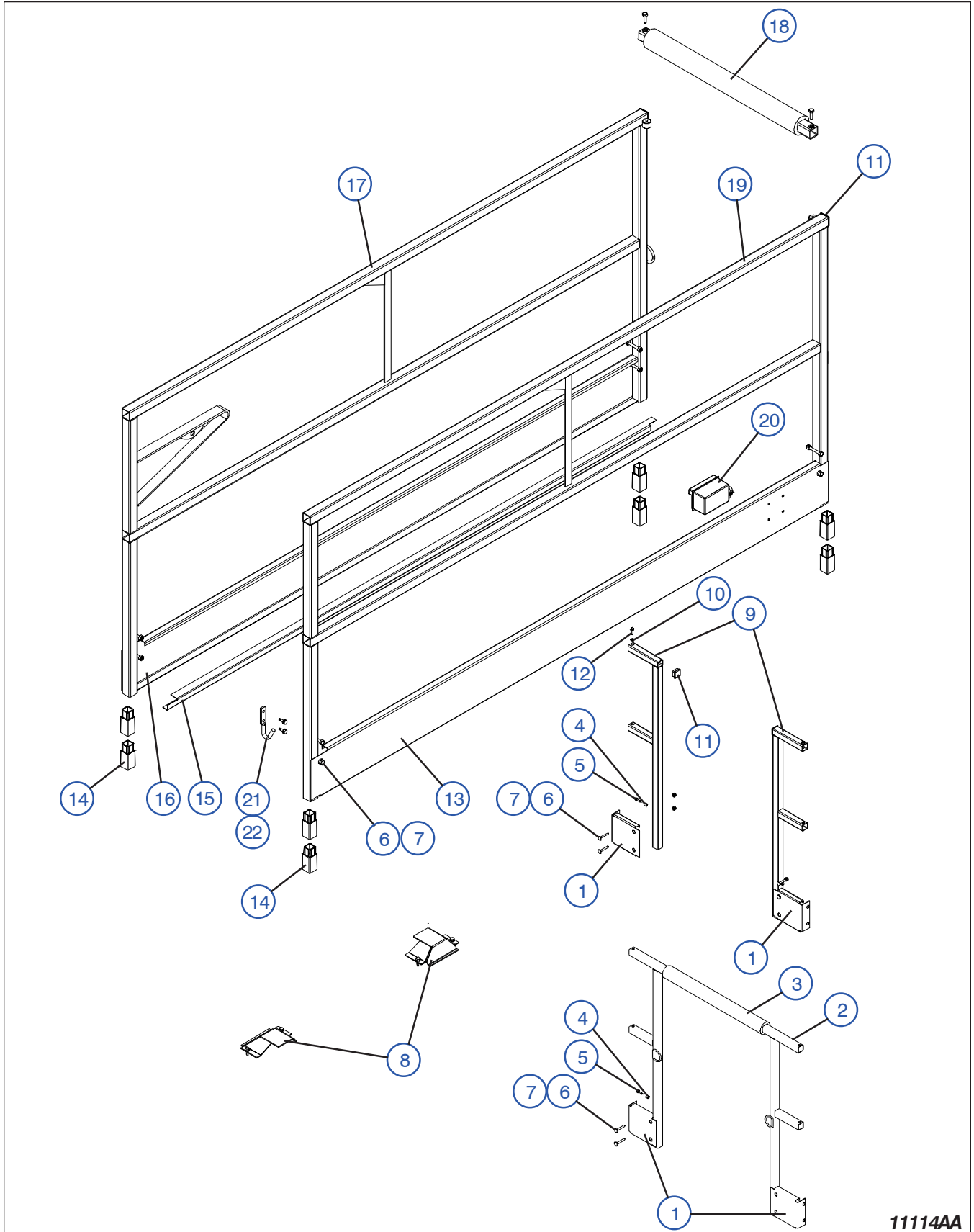
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Figure 6.1-1. Entrance Gates And Chains

Index No.	Skyjack Part No.	Qty.	Description
1	128471	1	WELDMENT, Full Gate Hinged - Bottom (ANSI/CSA)
	128487	1	WELDMENT, Full Gate Hinged - Bottom (CE)
2	110693	1	PLATE, Stop Gate Latch
3	103632	AR	SCREW, Self tapping 1/4"-14 x 3/4"
4	(Ref.)	-	LATCH ASSEMBLY (For components, refer to Figure 6.1-15)
5	128473	1	WELDMENT, Full gate Hinged - Top
6	117277	2	HINGE, Spring
7	(Ref.)	2	PIN, Quick release large/small loop assembly (For components, refer to Figure 6.1-7)
8	119942	1	CLAMP, Aluminum door sweep (CE)
	119945	4	• RIVET, Wide head
9	119940	1	STRIP, Door sweep rubber (CE)
10	106893	-	CHAIN, Entry Assembly (If equipped)
	106896	1	• CHAIN
	100297	1	• LINK, Quick screw
	127103	1	• LINK, Lap
	100493	1	• LATCH, Chain snap
11	130270	2	MOUNT, Railing end weldment (If equipped)
12	125692	1	RAIL ASSEMBLY, Upper hinged
	125354	1	• TUBE, Hinged top rail
	125691	1	• PADDING, Entry rail
	103872	AR	• BOLT, Hex head 3/8"-16 x 2.25" Gr. 5
	104606	AR	• NUT, Hex nylon lock 3/8"-16"
	112327	2	• SCREW, Self tapping #8-18 x 1/2"
13	125703	1	RAIL ASSEMBLY, Fixed upper
	103540	1	• TUBE, Top rail
	125691	1	• PADDING, Entry rail
	103864	2	• BOLT, Hex head 5/16"-18 x 1" Gr. 5
	103404	2	• WASHER, 5/16" Lock
14	100702	AR	PLUG, Tube
15	125510	1	GATE, Solid full (ANSI)
	125549	1	GATE, Solid full (CSA)
	125554	1	GATE, Solid full (CE)
16	125577	1	PAD, Adhesive rubber foam
17	125687	-	STOP ASSEMBLY, Additional gate (If equipped)
	125686	1	• STOP, Additional gate
18	125526	1	STRIKE, Gate stop
19	125461	1	GATE, Half (ANSI)
	125540	1	GATE, Half (CSA)
	125544	1	GATE, Half (CE)

Figure 6.1-2. Side Railings - Rigid Railings

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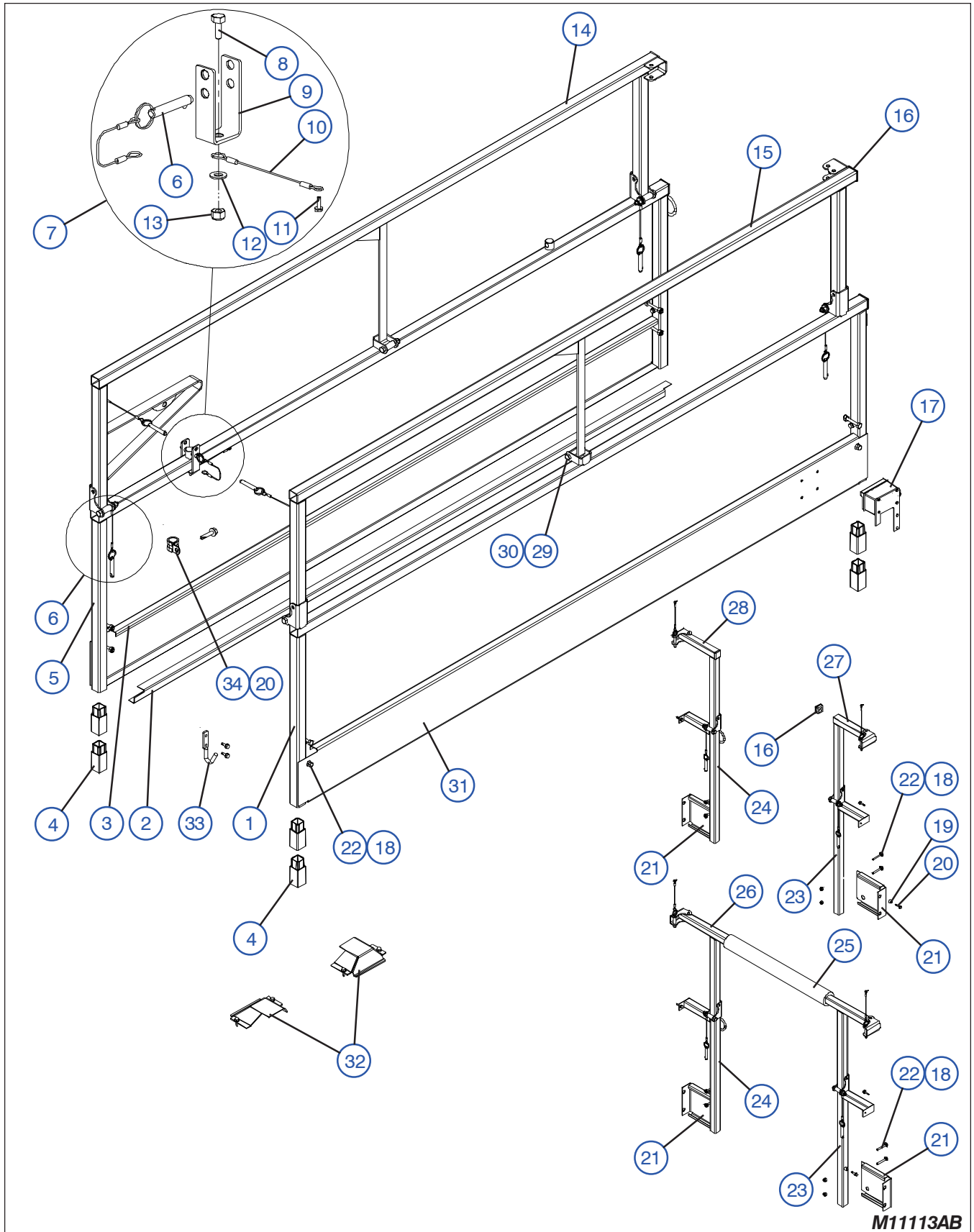
Figure 6.1-2. Side Railings - Rigid Railings

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Index No.	Skyjack Part No.	Qty.	Description
1	128719	2	KICK PLATE, End Entrance (Model 46XX)
2	128722	1	RAILING, Weldment End Entrance (Model 46XX)
3	104183	1	PAD, Entry Railing (Model 46XX)
4	112329	4	BOLT, Self tapping 1/4"-14 x 1"
5	125580	4	SPACER, Railing retainer
6	103984	AR	NUT, Lock (hex) 5/16"-18 grade B
7	127437	AR	BOLT, 5/16"-18 x 2" Carriage
8	(Ref.)	-	CABLE GUARDS (For components, refer to Figure 6.1-8)
9	130111	2	RAILING, Weldment End Entrance (Model 46XX)
10	103404	2	WASHER, Lock 5/16"
11	100702	2	PLUG, Plastic tube 1-1/4" x 1-1/4"
12	103864	2	BOLT, Hex Hd 5/16"-18 x 1" Gr. 5
13	125412	1	PLATE, Kick RH
14*	125336	8	PLUG, Railing (CE Model 32XX)
		12	PLUG, Railing (CE Model 46XX)
15	125448	1	GUARD, Cable
16	125414	1	PLATE, Kick LH
17	125504	1	RAILING, Rigid RH
18	(Ref.)	1	GATE ASSEMBLY, Entrance (For components, refer to Figure 6.1-1)
19	125503	1	RAILING, Rigid LH
20	(Ref.)	-	OUTLET, Platform AC (For components, refer to Figure 6.1-4)
21	148218	1	HOOK (If Equipped)
22	103632	2	SCREW, Self tapping (1/4-14 x 3/4) (If Equipped)
			* Total height of railings is 43" for CE models & 39" for ANSI/CSA models

Figure 6.1-3. Side Railings - Hinged Railings

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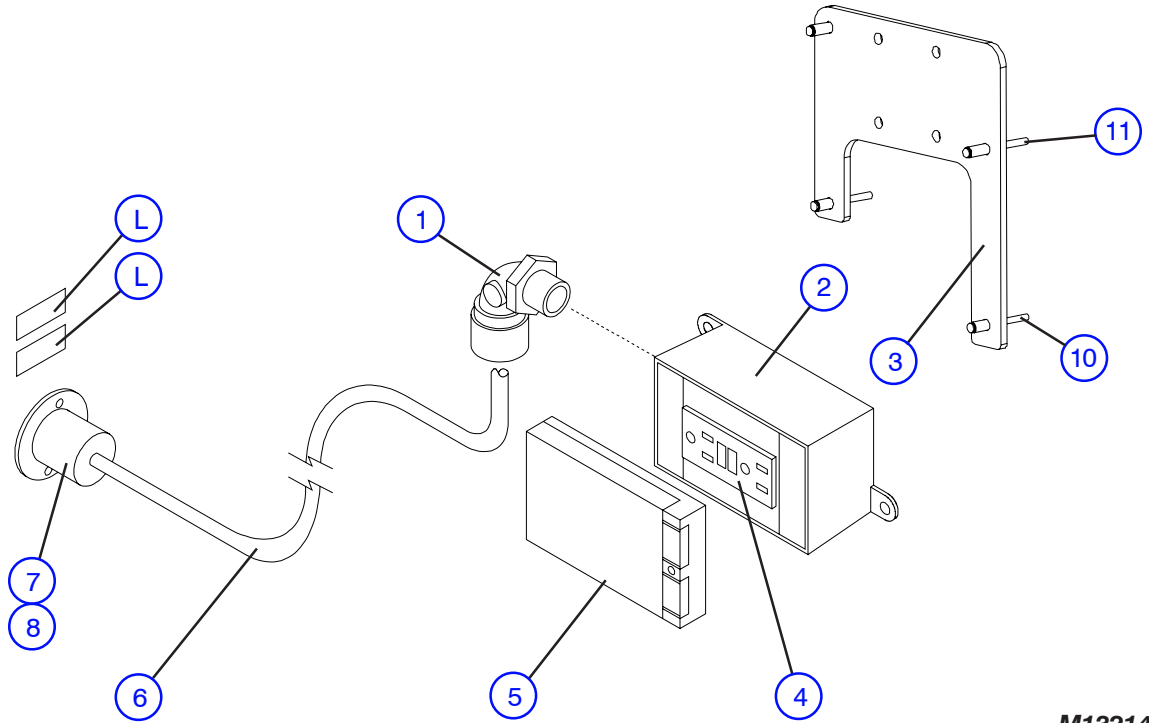
Figure 6.1-3. Side Railings - Hinged Railings

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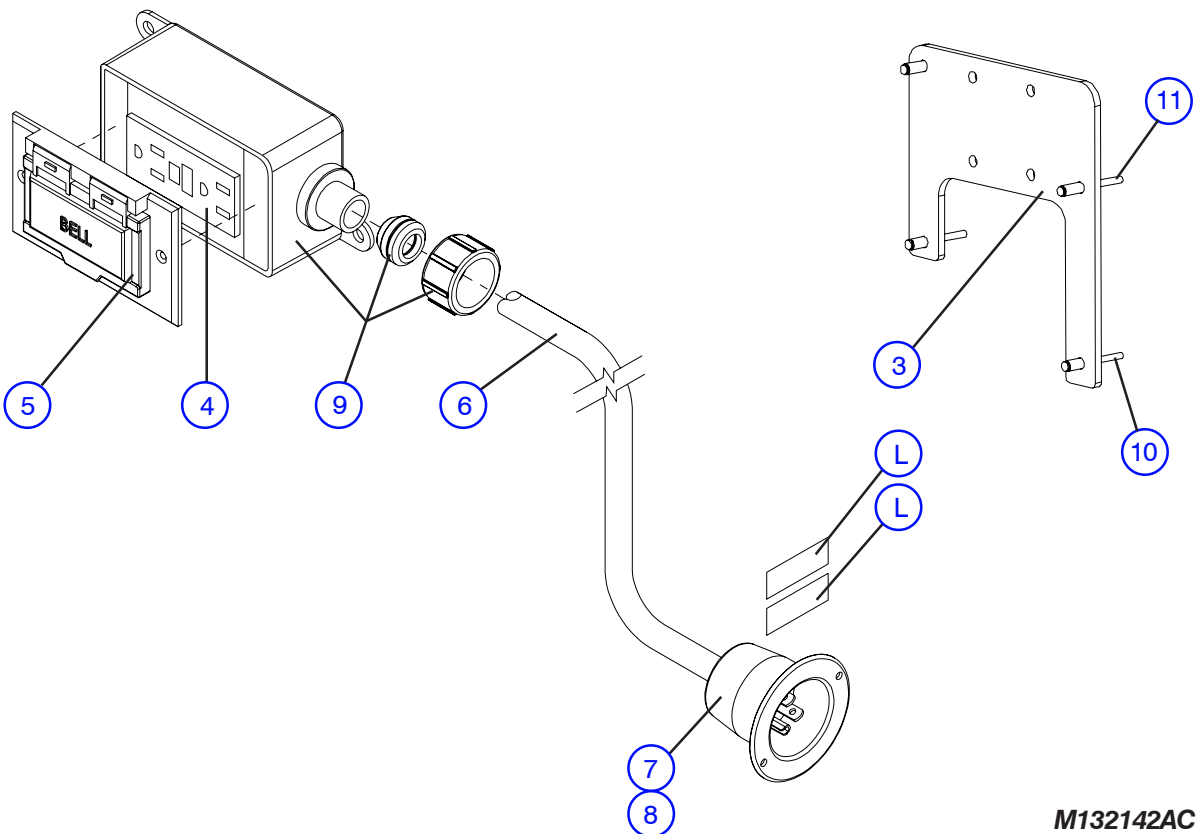
Index No.	Skyjack Part No.	Qty.	Description
1	128399	1	RAILING, Side bottom LH
2	125448	1	GUARD, Cable
3	125414	1	PLATE, Kick RH
4	(Ref.)	-	PLUG, Railing (CE) (Refer to Figure 6.1-2)
5	128400	1	RAILING, Side bottom RH
6	(Ref.)	AR	PIN ASSEMBLY, Quick release large or small loop (For components, refer to Figure 6.1-7)
7	129795	1	ASSEMBLY, Cable Clamp
8	103887	1	• BOLT, Hex Hd 0.312"-18 x 3/4" Gr. 5
9	113164	1	• CLAMP, Cable
10	105807	1	• LANYARD, 6" long
11	112327	1	• SCREW, Hex Hd #8-18 x 1/2" Tapping
12	103996	1	• WASHER, Flat 0.312"
13	103984	1	• NUT, Hex nylon 0.312"-18 Gr. 5
14	128366	1	RAILING, RH upper
15	128365	1	RAILING, LH upper
16	100702	2	PLUG, Plastic tube 1-1/4" x 1-1/4"
17	(Ref.)	-	OUTLET, Platform AC (For components, refer to Figure 6.1-4)
18	127437	8	BOLT, 5/16"-18 x 2" Carriage
19	125580	4	SPACER, Railing retainer
20	112329	5	BOLT, Self tapping 1/4"-14 x 1"
21	128719	2	KICK PLATE, End Entrance (Model 46XX)
22	103984	8	NUT, Lock (hex) 5/16"-18 Gr. B
23	128710	1	RAILING, End Entrance Bottom - LH (Model 46XX)
24	128709	1	RAILING, End Entrance Bottom - RH (Model 46XX)
25	104183	1	PAD, Entry Railing
26	128364	1	RAILING, End Entrance Top (Model 46XX)
27	128480	1	RAILING, End Entrance Top - LH (Model 46XX)
28	128481	1	RAILING, End Entrance Top - RH (Model 46XX)
29	103872	2	BOLT, Hex head 3/8"-16 x 2.25" Gr. 5
30	104606	6	NUT, Lock (hex) 3/8"-16 Gr. B
31	125412	1	PLATE, Kick LH
32	(Ref.)	-	GUARD, Cable (For components, refer to Figure 6.1-8)
33	(Ref.)	-	HOOK (For components, refer to Figure 6.1-2)
34	103024	1	CLIP, Single (G8)
			* Total height of railings is 43" for CE models & 39" for ANSI/CSA models

Figure 6.1-4. Platform AC Outlet

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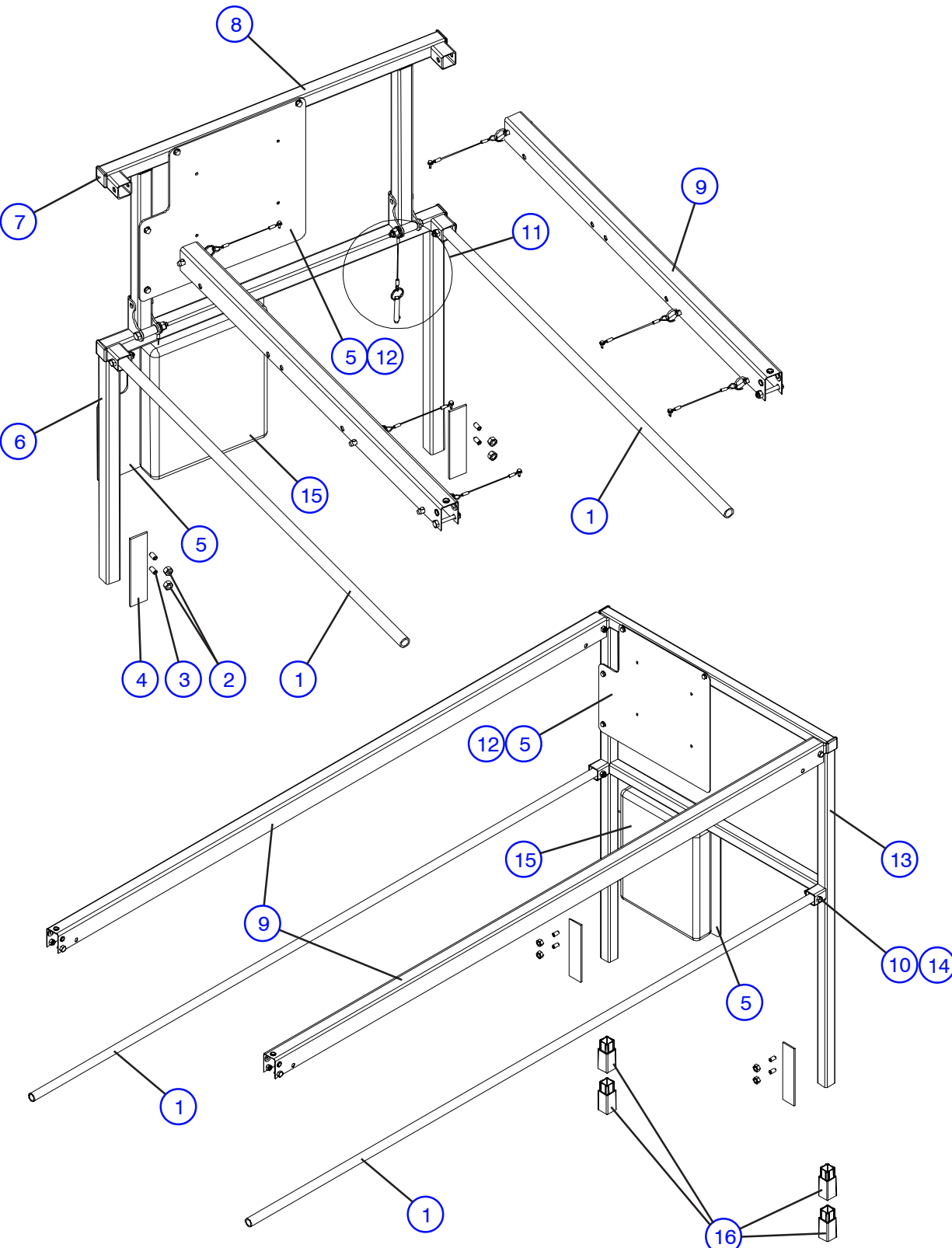
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Figure 6.1-4. Platform AC Outlet

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Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)	-	AC OUTLET 110 Volt on PLATFORM (Models 3220/4620)
B	(Ref.)	-	AC OUTLET 110 Volt on PLATFORM (Models 3226/4626)
C	(Ref.)	-	AC OUTLET 110 Volt on PLATFORM (Model 4632)
D	(Ref.)	-	AC OUTLET 220 Volt on PLATFORM (Model 3220/4620)
E	(Ref.)	-	AC OUTLET 220 Volt on PLATFORM (Models 3226/4626)
F	(Ref.)	-	AC OUTLET 220 Volt on PLATFORM (Models 4632)
1	130232	1	ELBOW, 90° Strain relief connector, A, B, C
2	131999	1	BOX, GFI Receptacle, A, B, C
	132042	2	• RIVET, Pop 1/4" dia.
3	132007	1	PLATE, Outlet Box Support, A, B, C
4	109698	1	RECEPTACLE, 125V GFI, A, B, C
	112327	4	• BOLT, Self-tapping #8-18 x 1/2"
5	109699	1	PLATE, Weatherproof cover, A, B, C
	114678	2	• SCREW, Machine #6-32 x 1/2"
6	105269	1	CORD, 14/3 x 342" lg., A
		1	CORD, 14/3 x 420" lg., B
		1	CORD, 14/3 x 516" lg., C
	117542	1	CORD, 14/3 x 408" lg., D
		1	CORD, 14/3 x 492" lg., E
		1	CORD, 14/3 x 588" lg., F
7	105271	1	PLUG, 3-Prong recessed, A, B, C
	119913	2	• RIVET, Pop 5/32"
8	113227	1	SEAL, 110V Seal tite cover, A, B, C
9	136328	1	BOX, Outlet with fitting, A, B, C
	134140	2	• RIVET, Open end dome 1/4" dia.
10	139641	2	• RIVET, Pop 1/4" dia.x 0.615"
11	134140	2	• RIVET, Pop 1/4" dia.x 0.740"
L	(Ref.)	2	LABEL, AC Connection here
		-	(Refer to Figure 6.8-3)
NOTE: Compare the diagrams on the previous page with the AC outlet on the machine to order the right parts.			

Figure 6.1-5. Extension Platform Railings



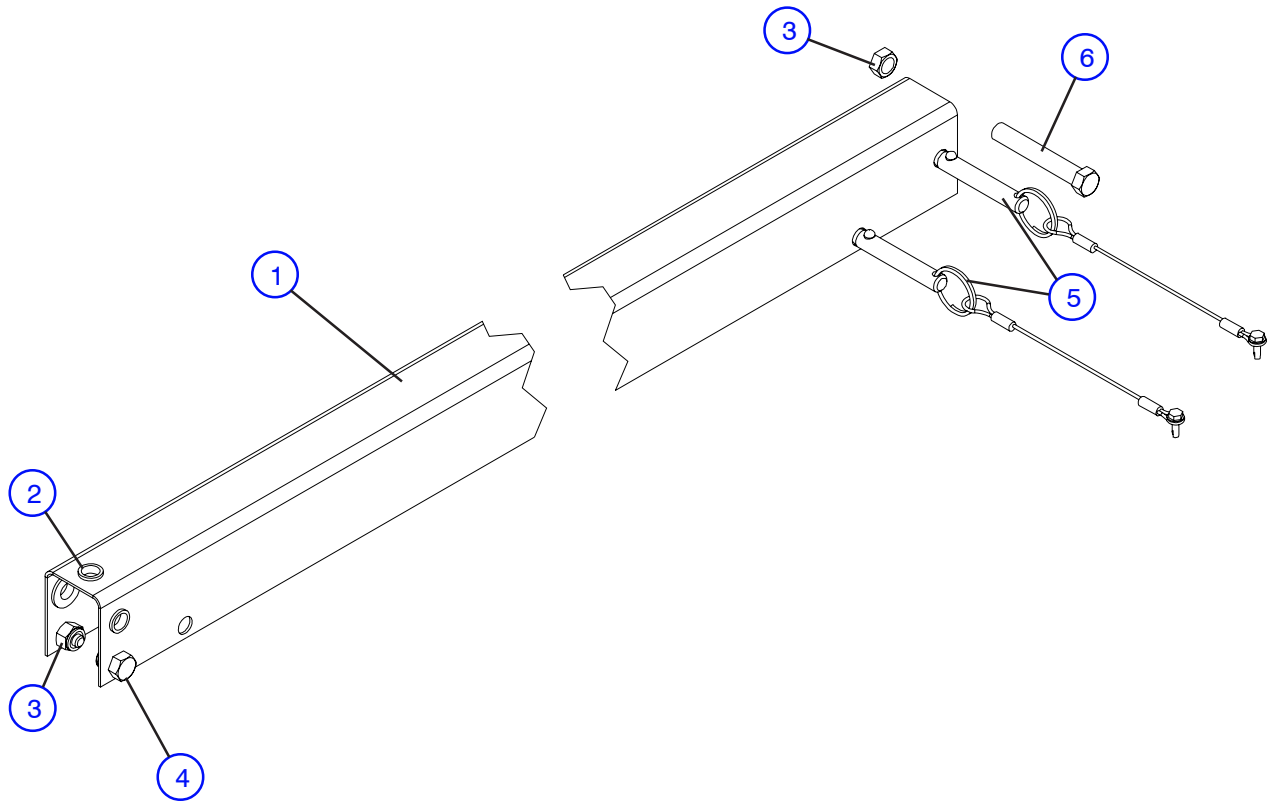
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Figure 6.1-5. Extension Platform Railings

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Index No.	Skyjack Part No.	Qty.	Description
A	125635	1	RAILING ASSEMBLY, Manual Extension deck rigid (Model 3220)
B	128470	1	RAILING ASSEMBLY, Manual Extension deck hinged (Model 32XX)
C	125705	1	RAILING ASSEMBLY, Powered extension deck rigid (Model 3220)
D	132540	1	RAILING ASSEMBLY, Powered extension deck hinged (Model 3220)
E	130435	1	RAILING ASSEMBLY, Manual Extension deck rigid (Model 4620)
F	130346	1	RAILING ASSEMBLY, Manual Extension deck hinged (Model 4626 and 4632)
G	132968	1	RAILING ASSEMBLY, Powered extension deck rigid (Model 4620)
H	132969	1	RAILING ASSEMBLY, Powered extension deck hinged (Model 4626)
1	103796	2	• MIDRAIL, Extension deck, A, B
	106394	2	• MIDRAIL, Extension deck (6' Powered extension), C, D, G, H
	130347	2	• MIDRAIL, Extension deck, E, F
2	103978	4	• NUT, Hex head 3/8"-16 Gr. B
3	104625	4	• SCREW, 3/8"-16 x 5/8" set
4	106950	2	• PLATE, Extension deck railing retaining
5	130229	2	• PLATE, Info/warning
6	128468	1	• RAILING, Extension deck lower, B, D
	128359	1	• RAILING, Extension deck lower, F, H
7	100702	AR	• PLUG, Plastic tube 1 1/4" x 1 1/4"
8	128469	1	• RAILING, Extension deck upper, B, D
	128360	1	• RAILING, Extension deck upper, F, H
9	(Ref.)	-	• HANDRAIL ASSEMBLIES, Sliding (For components, refer to Figure 6.1-6)
10	103885	2	• BOLT, Hex head 5/16" - 18 x 1 3/4"
11	(Ref.)	AR	• PIN ASSEMBLY, Quick release large or small loop (For components, refer to Figure 6.1-7)
12	103632	4	• BOLT, Self tap. 1/4"-14 x 0.75"
13	125502	1	• RAILING, Extension deck, A, C
	128452	1	• RAILING, Extension deck, E, G
14	103984	2	• NUT, Hex nylon lock 5/16" - 18
15	130231	1	MANUAL BOX, Assembly
	117293	1	• BOX, Manual
	125968	4	• NUT, Hex flange Lock #10-32
	103962	4	• SCREW, Round Head Machine #10-32 x 1/2"
16*	125336	4	SPACER, Railing (CE)
* Total height of railings is 43" for CE models & 39" for ANSI/CSA models			

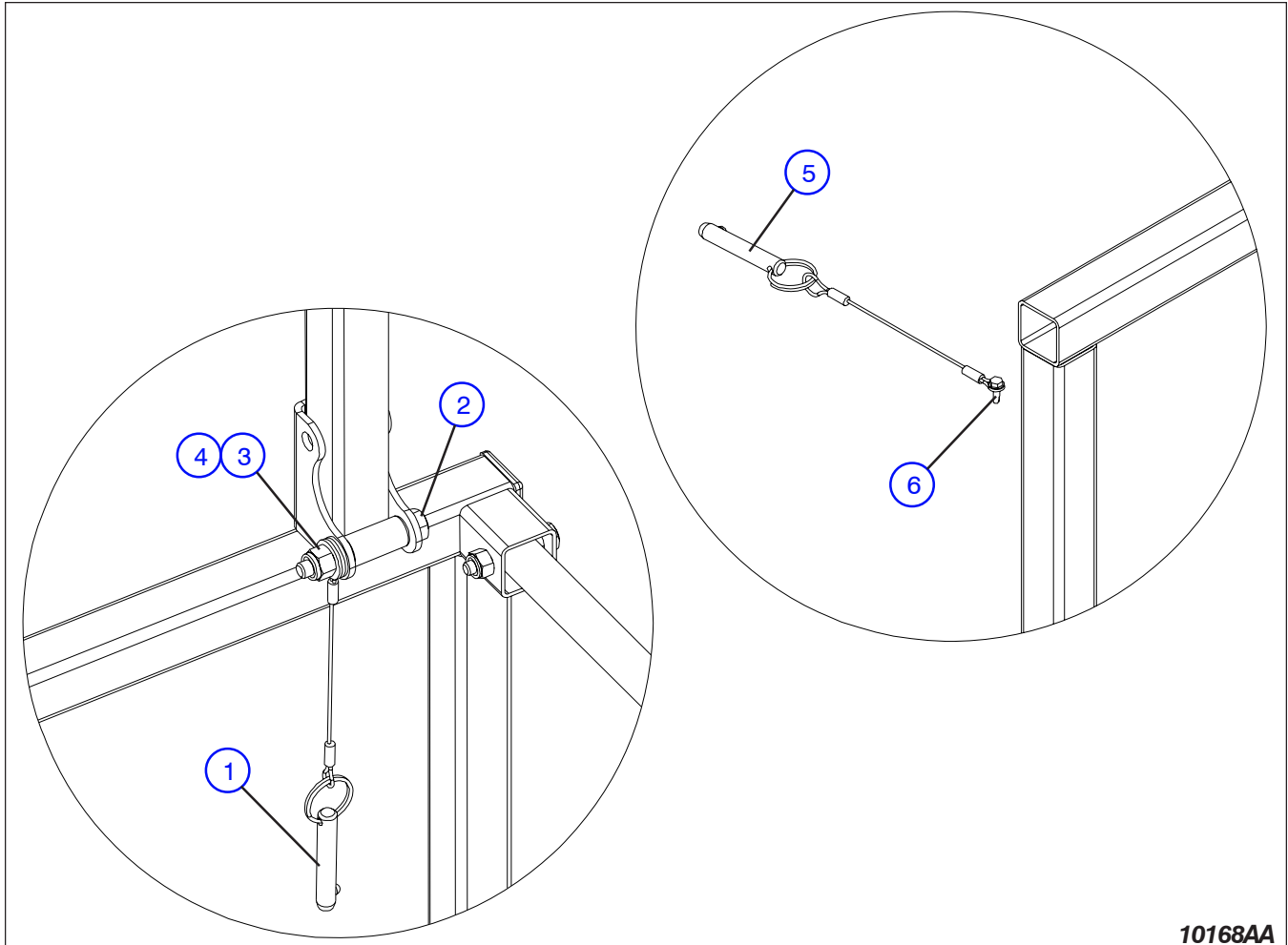
Figure 6.1-6. Slide Rail Assemblies



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Index No.	Skyjack Part No.	Qty.	Description
A	125481	2	ASSEMBLY, Manual Extension Hinged Railing Handrail, 3ft , (Model 32XX)
B	125666	2	ASSEMBLY, Manual Extension Rigid Railing Handrail, 3ft , (Model 32XX)
C	130436	2	ASSEMBLY, Manual Extension Rigid Railing Handrail, 3ft , (Model 4620)
D	130348	2	ASSEMBLY, Manual Extension Hinged Railing Handrail, 3ft , (Model 4626/4632)
E	125667	2	ASSEMBLY, Powered extension Rigid Railing Handrail, 6ft, (Model 32XX/4620)
F	128458	2	ASSEMBLY, Powered extension Hinged Railing Handrail, 6ft, (Model 3220/4626)
1	125480	1	• HANDRAIL, Extension, A, B
	130349	1	• HANDRAIL, Extension 3ft, C, D
	125561	1	• HANDRAIL, Extension 6 ft, E, F
2	103550	3	• PLUG, Handrail slide plug
3	103984	AR	• NUT, Lock (hex) 5/16"-18 Gr. B
4	103845	2	• BOLT, Hex head 5/16"-18 x 0.50" Gr. 5
5	(Ref.)	AR	• PIN ASSEMBLY, Quick release large or small loop (For components, refer to Figure 6.1-7)
6	103865	1	• BOLT, Hex head 5/16"-18 x 2" Gr. 5, B, C, E

Figure 6.1-7. Quick Release Pins

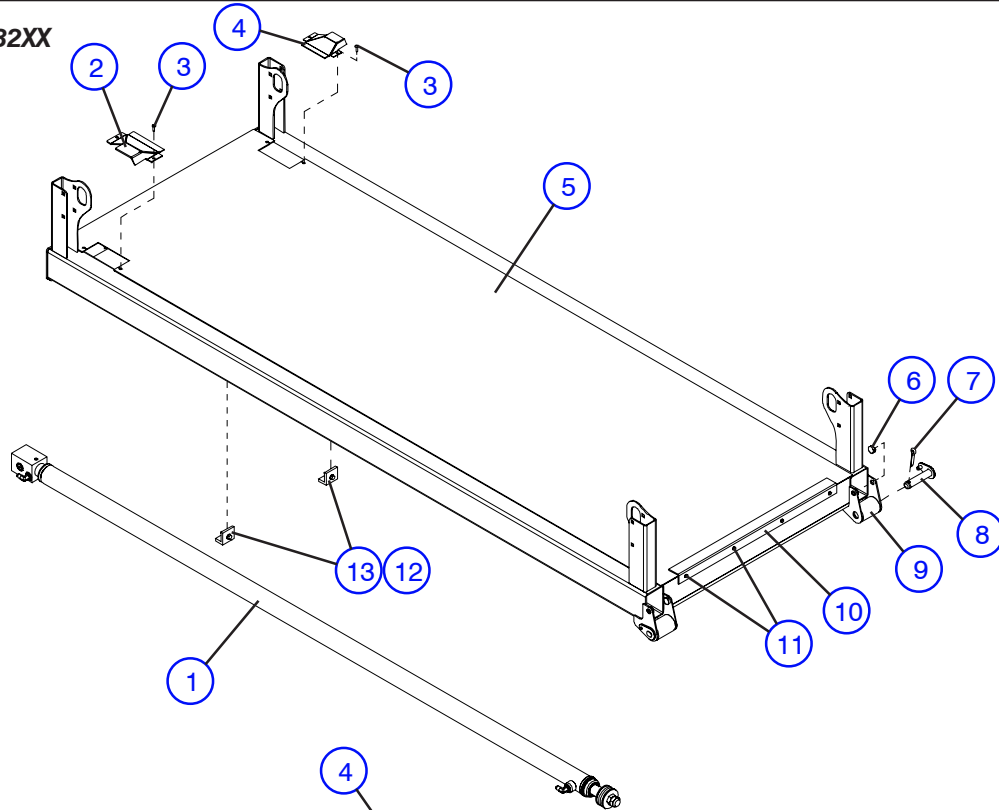


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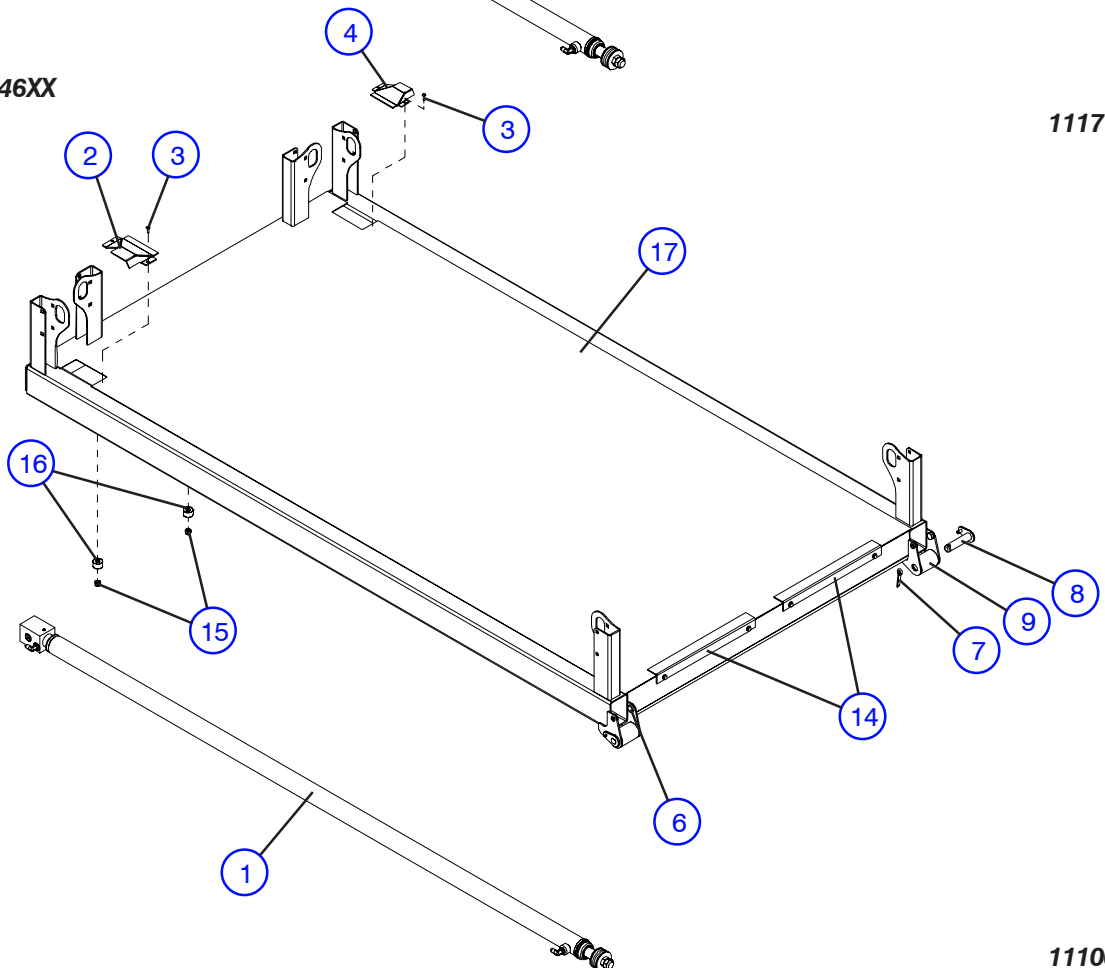
Index No.	Skyjack Part No.	Qty.	Description
1	124548	1	PIN ASSEMBLY, Quick release large loop
	100509	1	• PIN, Quick release 3/8" dia x 2"
	105807	1	• LANYARD, 6" Plastic coated
2	103873	1	BOLT, Hex head 3/8"-16 x 2.50" Gr. 5
3	103472	2	WASHER, Flat 3/8" SAE Bolt,
4	104606	1	NUT, Lock (hex) 3/8"-16 grade B,
5	124547	2	PIN ASSEMBLY, Quick release small loop
	100509	1	• PIN, Quick release 3/8" dia x 2"
	105807	1	• LANYARD, 6" Plastic coated
6	112327	1	BOLT, Self tapping #8-18 x 0.5"

Figure 6.1-8. Main Platforms Assemblies

Model 32XX



Model 46XX



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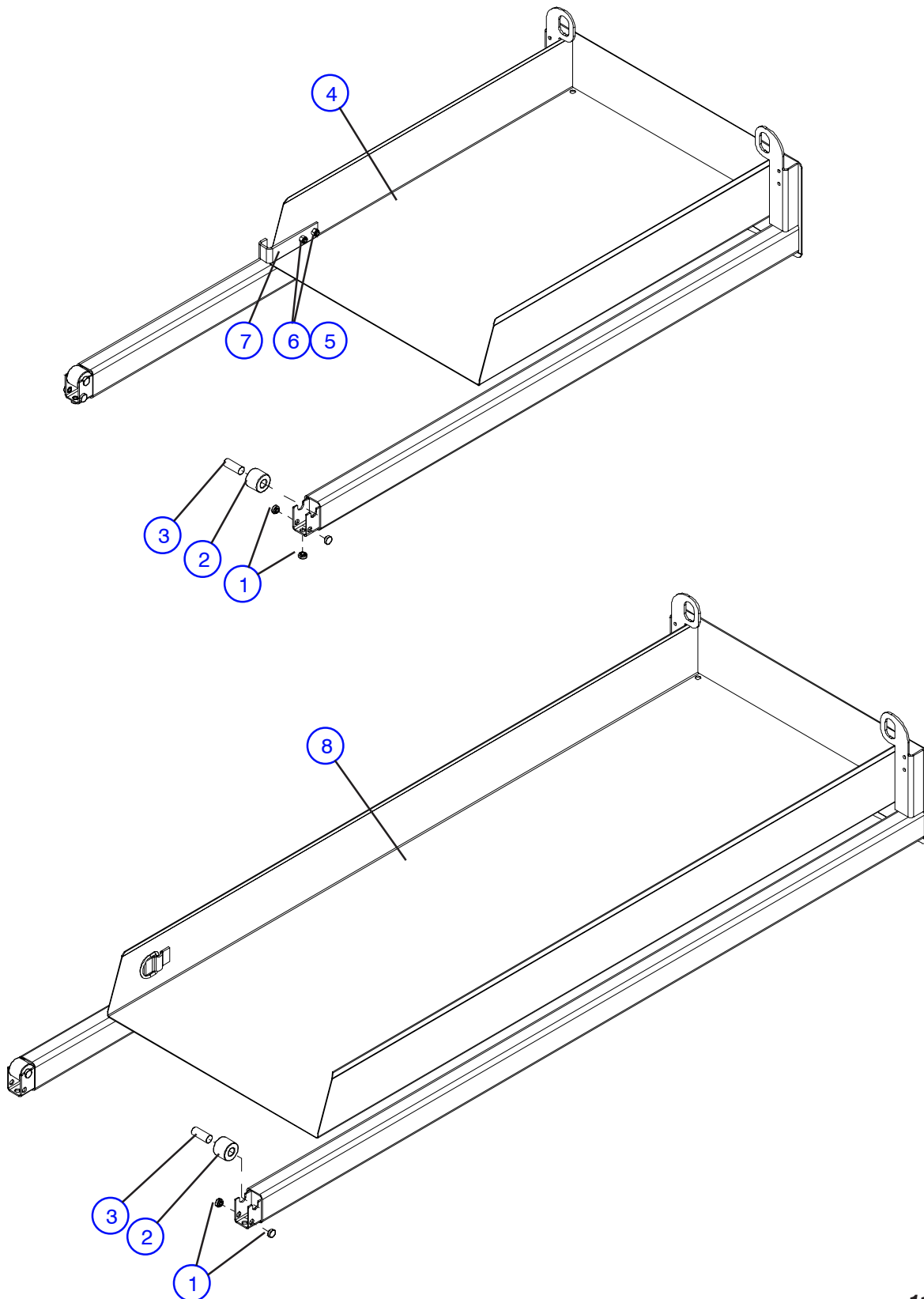
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Figure 6.1-8. Main Platforms Assemblies

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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	AR	ASSEMBLY, Powered Extension Hydraulic Cylinder (For components, refer to Figure 6.1-11)
2	125495	1	COVER, Cable guard LH
3	132042	4	RIVET, Pop 1/4" dia. x 5/8"
4	125494	1	COVER, Cable guard RH
5	125358	1	WELDMENT, Main platform - Model 3220 (Machines w/ manual extension deck)
	125704	1	WELDMENT, Main platform - Model 3220 (Machines w/ power extension deck)
	125361	1	WELDMENT, Main platform - Model 3226
6	125433	4	BUSHING, Slider
7	600738	2	PIN, Cotter (6.3mm x 40mm DIN 94)
8	125422	2	PIN, Rollout roller (@ platform)
9	125455	2	ROLLER, Extension platform wide
10	108773	1	ANGLE, Extension slider 1-1/8" x 1-3/8" x 1/8" x 22" (Model 32XX only)
11	600531	4	BOLT, Self tapping (3.5mm x 13mm DIN 7504)
12	600727	2	BOLT, Self tapping (6.3mm x 25mm DIN 7504)
13	125466	2	BUMPER, Platform
14	134559	2	ANGLE, Extension Slider (Model 46XX)
	103632	4	SCREW, Hex Hd Self-tapping 1/4"-14 x 3/4"
15	104606	2	NUT, Hex Nylon Lock 3/8"-16 Gr. 5
16	130689	2	BUMPER, Platform Deck (Model 4620/4632 only)
17	133977	1	WELDMENT, Main platform - Model 46xx (Machines w/ power extension deck) (For Models 4620, order P/N 132503 for Machines with Serial No. 712974 & Below) (For Models 4626, order P/N 132507 for Machines with Serial No. 713411 & Below)
	133954	1	WELDMENT, Main Platform- Model 46xx (Machines w/ manual extension deck) (For Models 4620, order P/N 132493 for Machines with Serial No. 712295 & Below) (For Models 4626, order P/N 132485 for Machines with Serial No. 711863 & Below) (For Models 4632, order P/N 132493 for Machines with Serial No. 711873 & Below)

Figure 6.1-9. Extension Platform Assemblies



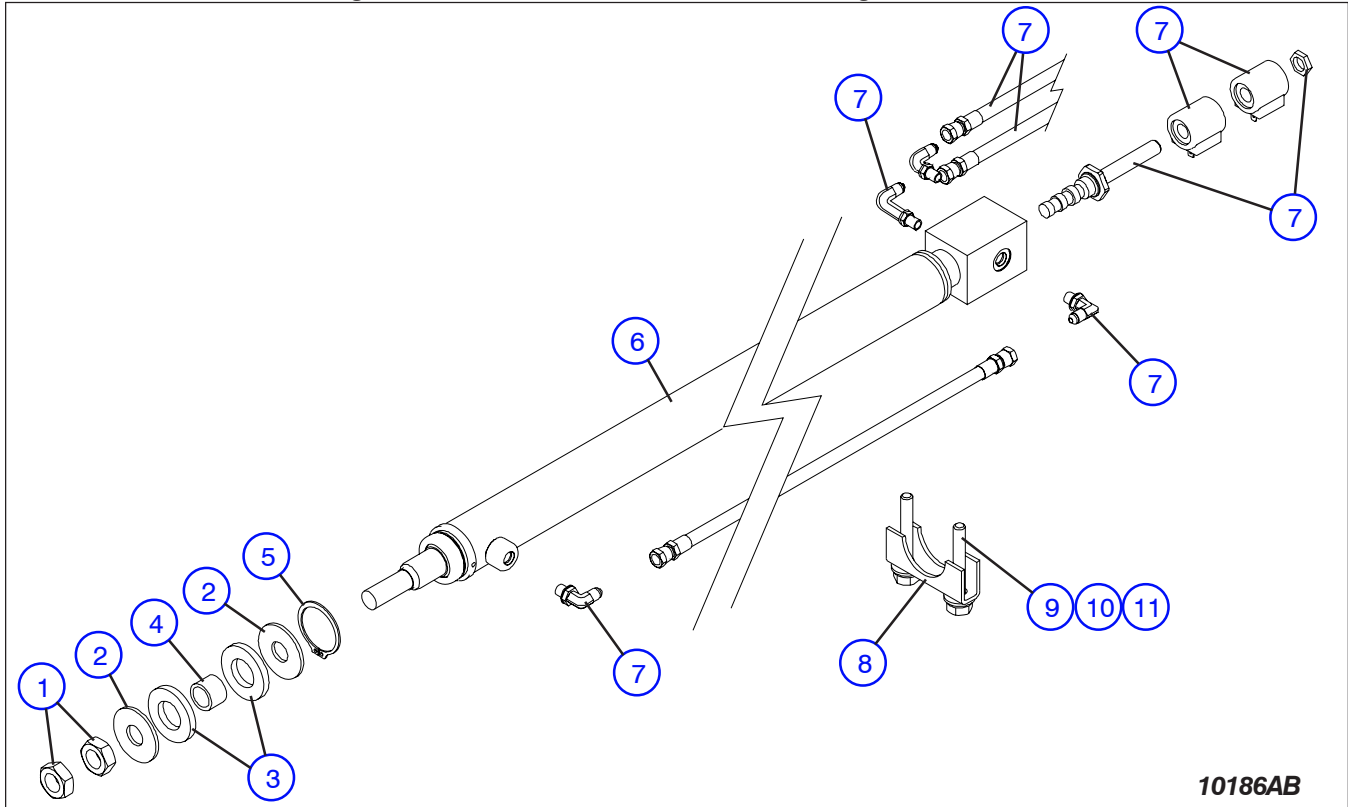
11178AB

Figure 6.1-9. Extension Platform Assemblies

AH

Index No.	Skyjack Part No.	Qty.	Description
A	125583	1	EXTENSION DECK ASSEMBLY, Model 32XX 3' Manual Extension
B	125457	1	EXTENSION DECK ASSEMBLY, Model 3220 6' Powered Extension Deck
C	133981	1	EXTENSION DECK ASSEMBLY, Model 46XX 4' Manual Extension (For Models 4620, order P/N 130221 for Machines with Serial No. 712295 & Below) (For Models 4626, order P/N 130221 for Machines with Serial No. 711863 & Below) (For Models 4632, order P/N 130221 for Machines with Serial No. 711873 & Below)
D	134018	1	EXTENSION DECK ASSEMBLY, Model 46xx 6' Powered Extension Deck (For Models 4620, order P/N 130380 for Machines with Serial No. 712974 & Below) (For Models 4626, order P/N 132506 for Machines with Serial No. 713411 & Below)
1	125433	6	• BUSHING, Slider
2	125431	2	• ROLLER, Extension deck narrow
3	125424	2	• PIN, Extension deck roller (@ rollout arm end)
4	125356	1	• WELDMENT, Manual extension deck, A
	133982	1	• WELDMENT, Manual extension deck, C (For Models 4620, order P/N 130220 for Machines with Serial No. 712295 & Below) (For Models 4626, order P/N 130220 for Machines with Serial No. 711863 & Below) (For Models 4632, order P/N 130220 for Machines with Serial No. 711873 & Below)
5	107038	2	• BOLT, Button head 5/16"-18 x 7/8", A
	300064	2	• BOLT, Button head 5/16"-18 x 3/4", C
6	103984	2	• NUT, Lock (hex) 5/16"-18 Gr. B, A, C
7	121042	1	• STOP, Extension deck, A
	133037	1	• STOP, Extension deck, C (For Models 4620, order P/N 121042 for Machines with Serial No. 712295 & Below) (For Models 4626, order P/N 121042 for Machines with Serial No. 711863 & Below) (For Models 4632, order P/N 121042 for Machines with Serial No. 711873 & Below)
8	125557	1	• WELDMENT, Power extension deck, B
	133983	1	• WELDMENT, Power extension deck D (For Models 4620, order P/N 132504 for Machines with Serial No. 712974 & Below) (For Models 4626, order P/N 132505 for Machines with Serial No. 713411 & Below)

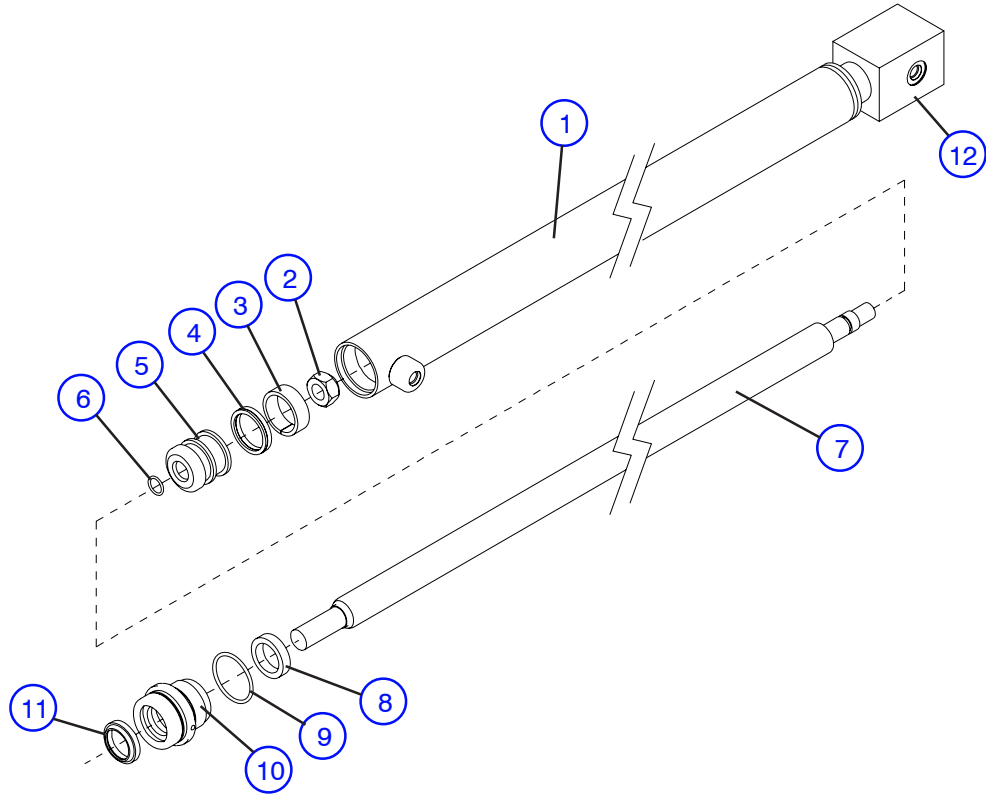
Figure 6.1-10. Powered Extension Mounting Hardware



10186AB

Index No.	Skyjack Part No.	Qty.	Description
1	106450	2	NUT, Hex head jam 3/4" -16 Gr. 5
2	113304	2	WASHER, Flat steel plated 3/4"
3	113305	2	INSULATOR, Hydraulic extension deck noise
4	125664	1	SPACER, Hydraulic extension deck spacer
5	106446	1	RING, Retaining #N1400-0175
6	(Ref.)	1	CYLINDER, 6' Power deck (For components, refer to Figure 6.1-11)
7	(Ref)	-	ASSEMBLY, Hydraulic Hose and Fittings (For components, refer to Figure 6.1-12)
8	113653	AR	CLAMP, Pipe clamp 1-1/8"
9	103996	AR	WASHER, Flat 5/16" SAE
10	103404	AR	WASHER, Lock 5/16"
11	103865	AR	BOLT, Hex head 5/16-18 grade 5 x 2"

Figure 6.1-11. Powered Extension Cylinder Assembly



10188AA

Index No.	Skyjack Part No.	Qty.	Description
A	127100	1	ASSEMBLY, Powered Extension 6 ft Cylinder
1	127099	1	• WELDMENT, 6' power deck cylinder barrel
2	103830	1	• NUT, Hex head 5/8"-11 Gr. C
*3	106452	1	• SEAL, Piston wear ring
*4	103825	1	• SEAL, Piston
5	117942	1	• PISTON, cylinder p.deck
*6	110976	1	• SEAL, 'O' ring
7	127097	1	• ROD, 6' power deck cylinder
*8	108798	1	• SEAL, Rod
*9	120436	1	• SEAL, 'O' ring
10	125698	1	• GLAND, power deck cylinder
*11	106449	1	• SEAL, Rod wiper
12	108052	1	• PLUG, Expander (Inside block)
*	107396	AR	KIT, Seal repair * Part of seal repair kit

Figure 6.1-12. Powered Extension Hydraulic Hose and Fittings Assembly

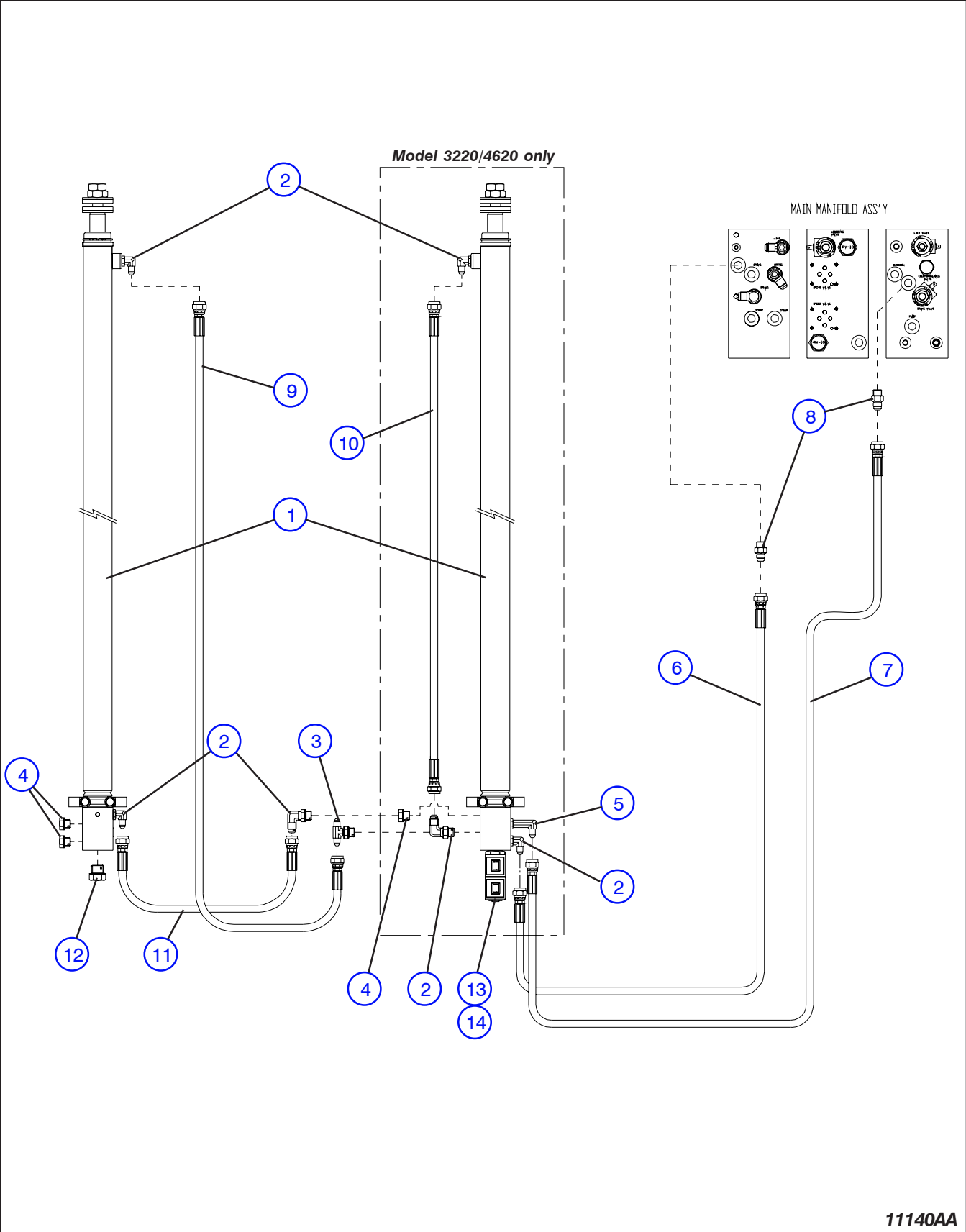
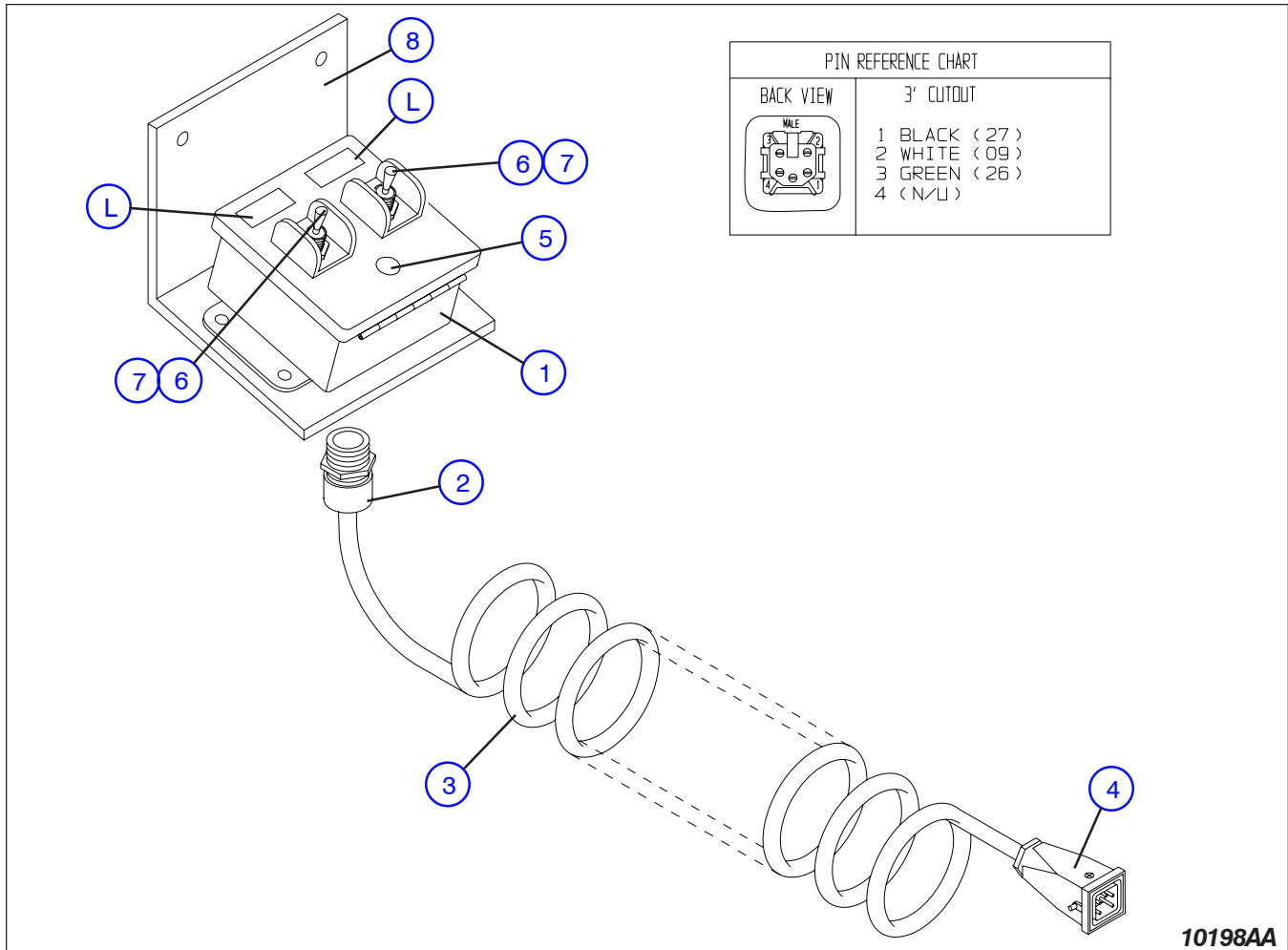


Figure 6.1-12. Powered Extension Hydraulic Hose and Fittings Assembly

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Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)	-	ASSEMBLY, Hydraulic Hose Connection - Model 3220/4620
B	(Ref.)	-	ASSEMBLY, Hydraulic Hose Connection - Model 4626
1	(Ref.)	-	ASSEMBLY, Power deck cylinder (For components, refer to Figure 6.1-11)
2	125883	AR	FITTING, Elbow 90° Connector
3	132463	1	FITTING, Tee Connector, B
4	108507	AR	PLUG, Hydraulic
5	126366	1	FITTING, Elbow 90° Connector
6	127995	1	HOSE ASSEMBLY, 1/4" dia. x 300" - Return line, A
	132459	1	HYDRAULIC HOSE, 1/4" dia. x 380" - Return line, B
7	127994	1	HOSE ASSEMBLY, 1/4" dia. x 312" - Supply line, A
	132460	1	HYDRAULIC HOSE, 1/4" dia. x 392" - Supply line, B
8	(Ref.)	1	FITTINGS, Main Manifold (For components, refer to Figure 6.4-5)
9	132462	1	HYDRAULIC HOSE, 1/4" dia. x 103", B
10	125828	1	HYDRAULIC HOSE, 3/16" dia. x 72.75"
11	132461	1	HYDRAULIC HOSE, 1/4" dia. x 31", B
12	115320	1	PLUG, Hydraulic, B
13	103605	2	SOLENOID, 24V Valve
14	113953	1	VALVE, Four Way Spool

Figure 6.1-13. Powered Extension Control Box Assembly

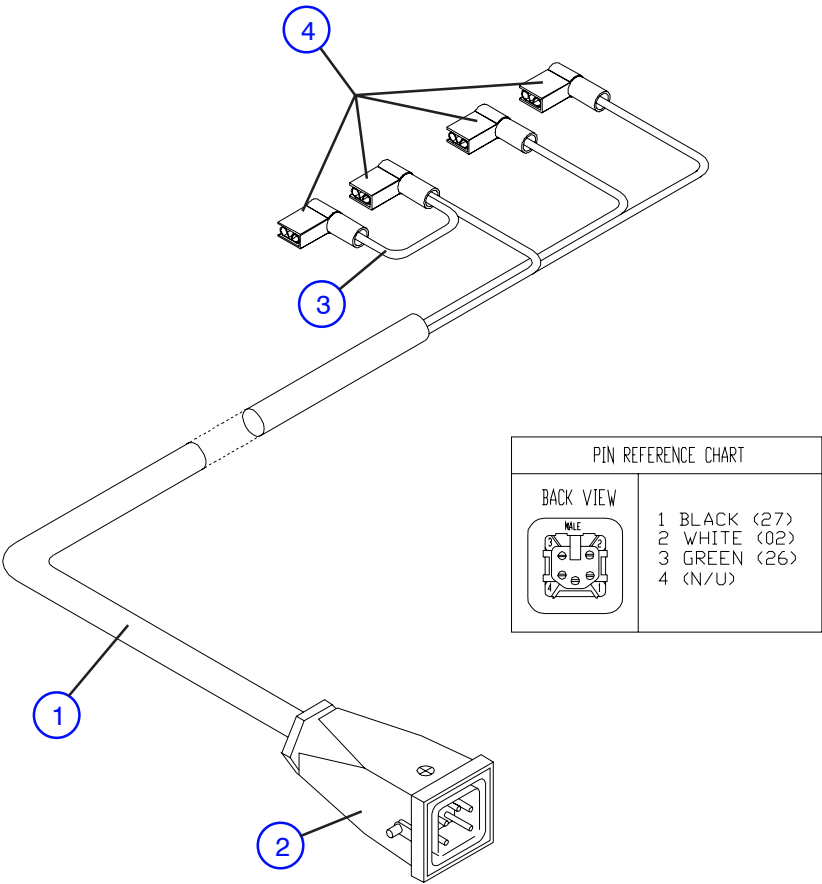


10198AA

Index No.	Skyjack Part No.	Qty.	Description
A	115592	-	CONTROL BOX ASSEMBLY, Powered ext. platform
1	115539	1	• BOX, Control
2	103041	1	• STRAIN RELIEF, Straight 1/2"
3	106401	1	• CORD, Coiled 18/3
4	107712	1	• CONNECTOR ASSEMBLY, 5 pole male
	103567	1	• • HOUSING, Male with Strain relief connector
	132790	1	• • • HOUSING, Male
	132110	1	• • • CONNECTOR, Strain relief
	103569	1	• • INSERT, Male
5	114377	1	• PLUG, Plastic 1/2"
6	102853	2	• SWITCH, Toggle
7	111181	2	• GUARD, Toggle switch
8	129837	1	PLATE, Control box mounting (Machines with Hinged Railings)
	112467	1	• PLUNGER, Stubby pull-ring
	117188	1	PLATE, Control box mounting (Machines with Rigid Railings)
L	(Ref.)	-	LABELS (Refer to Figure 6.8-3)

Figure 6.1-14. Powered Extension Platform Valve Solenoid Cable

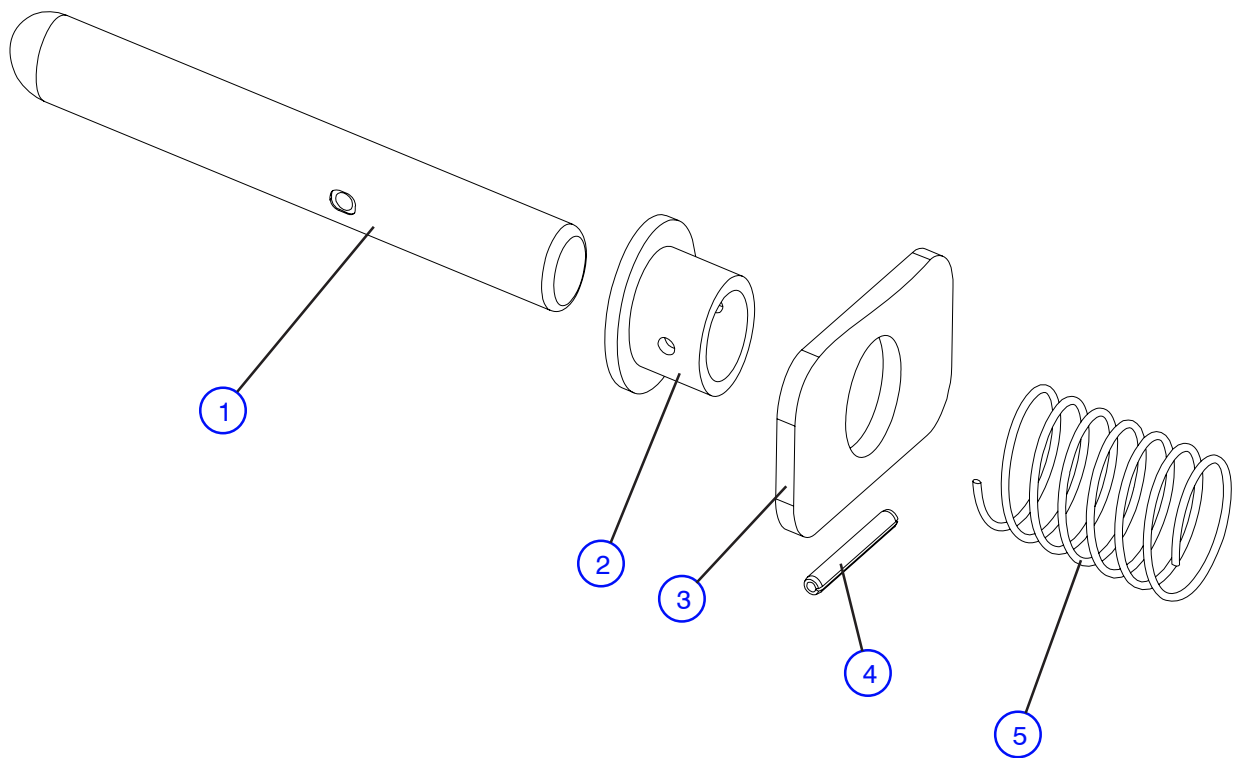
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Index No.	Skyjack Part No.	Qty.	Description
A	126109	-	ASSEMBLY, Hydraulic extension platform solenoid cable
1	103257	142"	• CABLE, 18/3 Cabtire
2	107712	1	• CONNECTOR, 5 Pin male
3	102734	10"	• WIRE, White 16 AWG
4	300742	4	• TERMINAL, Female disconnect 14-16GA

Figure 6.1-15. Gate Latch Assembly

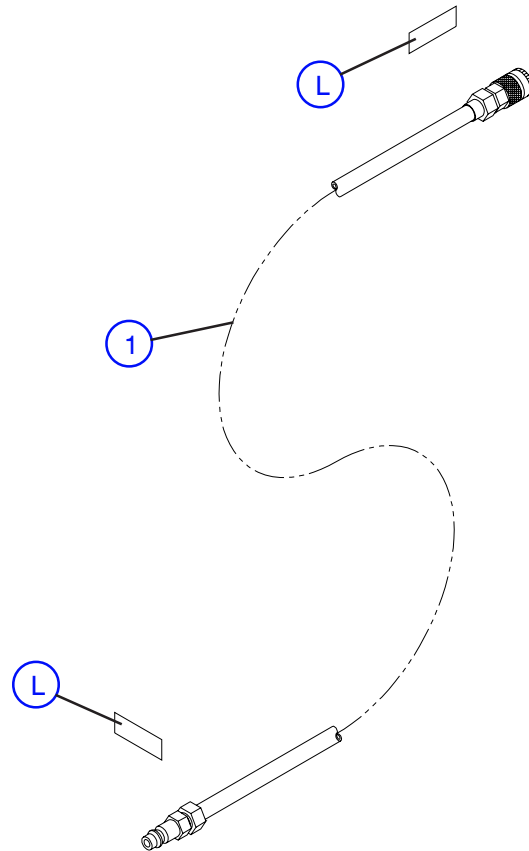


10160AA

Index No.	Skyjack Part No.	Qty.	Description
A	110824	-	ASSEMBLY, Latch pin spring
1	109377	1	• PIN, Latch
2	105312	1	• GUIDE, Nylon spring
3	105307	1	• PLATE, Gate latch release
4	105310	1	• PIN, Roll
5	103107	1	• SPRING, Compression

Figure 6.1-16. Platform Air Supply Hose

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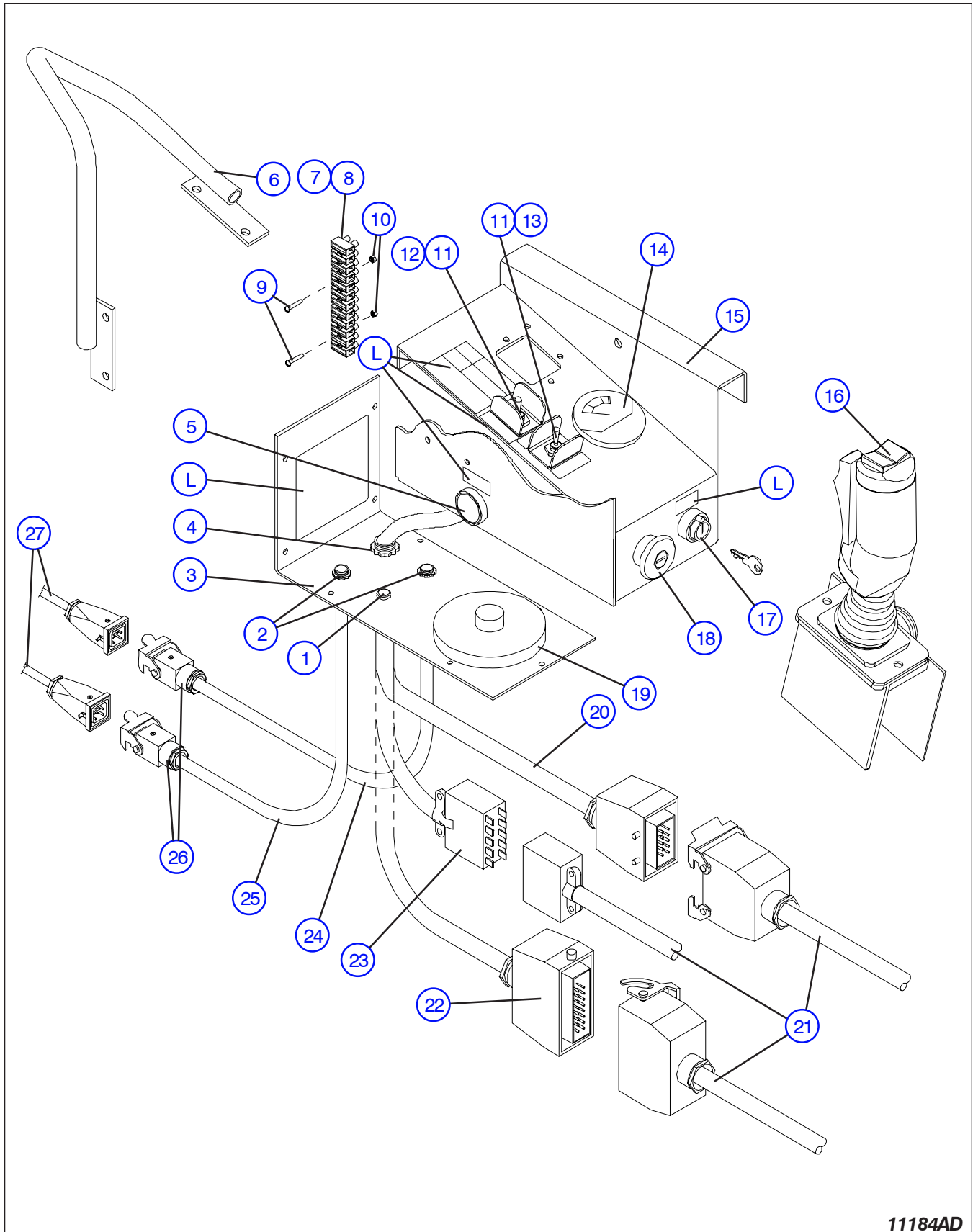


10199AA

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	1	HOSE ASSY., Air to platform
	107882	1	• FITTING, Female disconnect
	107883	1	• FITTING, Male disconnect
	107884	1	• HOSE, Air 1/2" x 324" lg., (Model 3220/4620)
	107884	1	• HOSE, Air 1/2" x 396" lg., (Model 3226/4626)
	107884	1	• HOSE, Air 1/2" x 666" lg., (Model 4632/4632)
	109050	2	• FITTING, Hose barb
	107886	2	• CLAMP, Hose
	102891	AR	STRAP, Tie 7" lg.
	102893	AR	STRAP, Tie 10-1/2" lg.
L	138212	2	LABEL, Connect air here

Figure 6.1-17. Operator's Control Box Assembly (ANSI/CSA)

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Figure 6.1-17. Operator's Control Box Assembly (ANSI/CSA)

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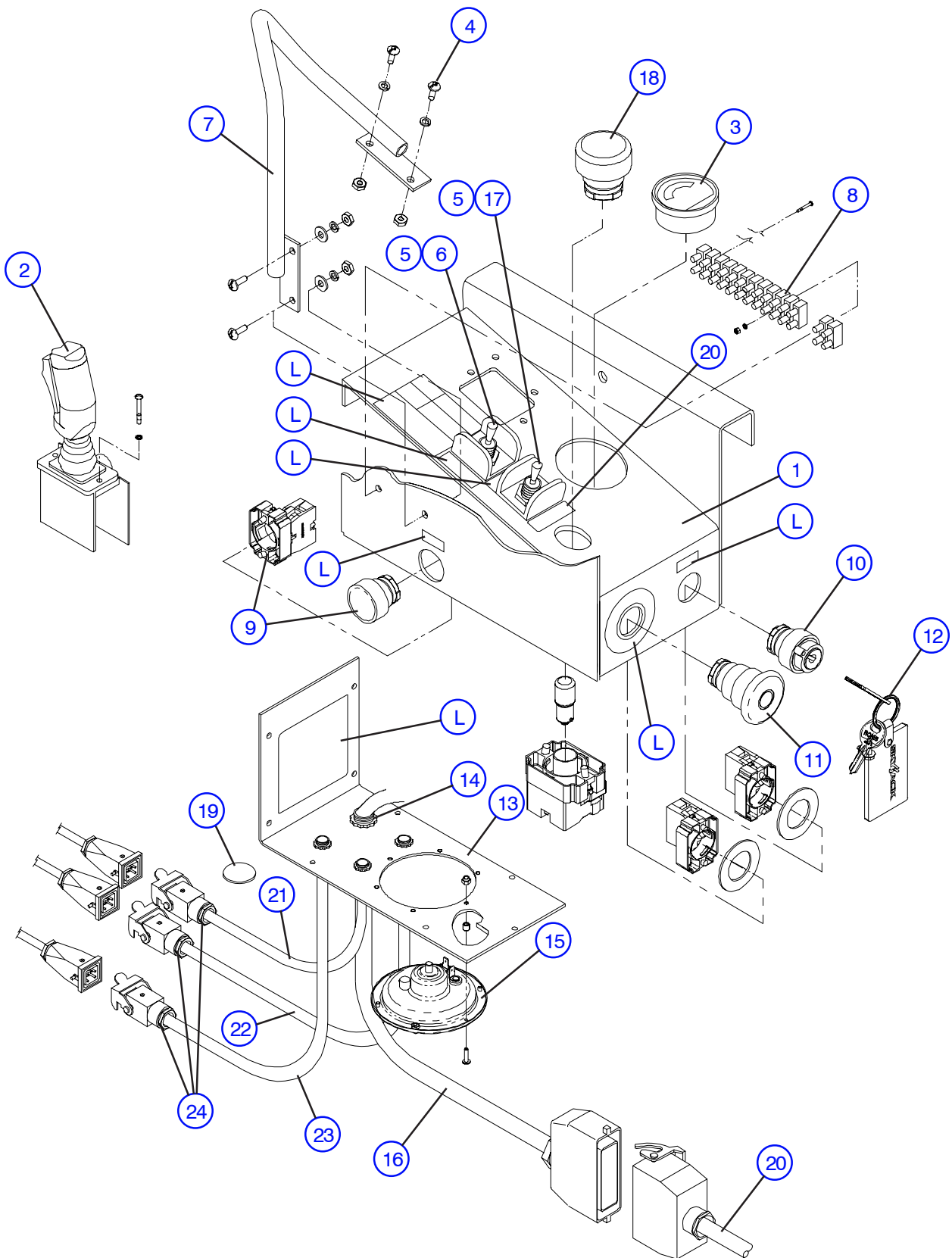
Index No.	Skyjack Part No.	Qty.	Description
A	116063	-	CONTROL BOX ASS'Y, (ANSI & CSA No Option)
B	126205	-	CONTROL BOX ASS'Y, (ANSI & CSA) (Equipped with Powered Extension Deck)
C	117228	-	CONTROL BOX ASS'Y, (ANSI & CSA) (EE Rated Option)
1	102956	1	PLUG, Plastic 1/2", B, C
2	103036	2	CONNECTOR, Cable Strain Relief 1/2", B
3	132098	1	COVER, Bottom with horn cutout, A
	310625	1	COVER, Bottom with horn cutout, B, C
	112327	9	• SCREW, Hex hd self-tapping #8-18 x 1/2
4	300788	1	CONNECTOR, Cable Strain Relief
5	(Ref.)	1	SWITCH ASSEMBLY, Horn push-button
	102851	1	• HEAD, Push-button switch
	103100	1	• BASE, Contact
	103141	1	• SWITCH, N.O. Single Pole Contact
6	124153	1	GUARD, Control Box
	103962	6	• BOLT, Machine #10 - 32 x 1/2"
	104185	6	• WASHER, Lock #10 NOM
	104694	2	• WASHER, Flat #10 S.A.E.
	104003	2	• NUT, Machine #10 - 32 Gr. B
7	113451	1	MOUNT, Terminal strip
8	103012	AR	BLOCK, Terminal
9	112327	2	• SCREW, Round Hd Machine #8 - 18 x 1/2"
10	103985	AR	• NUT, Hex head #6 - 32
11	111181	2	GUARD, Toggle switch
12	115574	1	SWITCH, Torque toggle
13	116382	1	SWITCH, Lift/off/drive toggle
14	122093	1	INDICATOR, Battery charge
15	132096	1	CASING, Control Box, A
	128871	1	CASING, Control Box, B, C
Parts list continued on the following page.			

Figure 6.1-17. Operator's Control Box Assembly (ANSI/CSA) (Continued)

AH

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
16	(Ref.)	1	CONTROLLER ASSEMBLY, Proportional (For components, refer to Figure 6.1-19)
17	(Ref.)	1	SWITCH ASSEMBLY, Key off/on, A, B, C
	102754	1	• HEAD, 2-Position key switch
	104466	AR	• KEY, #455
	103100	1	• BASE, Contact
	103141	1	• SWITCH, N.O. Single Pole Contact
	100149	1	• WASHER, Switch
18	(Ref.)	1	SWITCH ASSEMBLY, Emergency stop
	102769	1	• HEAD, Stop switch
	103100	1	• BASE, Contact
	103225	1	• SWITCH, N.C. Single Pole Contact
	100149	1	• WASHER, Switch
19	121058	1	HORN, 24 Volt operator
	116220	2	• SCREW, Machine M4 x 0.7 x 16 mm
	121484	4	• NUT, Hex Nylon M4 x 0.70
20	(Ref.)	1	CABLE ASSEMBLY, 10 Pin Electrical Panel Control (For components, refer to Figure 6.6-2)
21	(Ref.)	1	CABLE ASSEMBLY, Scissor Arm (For components, refer to Figure 6.1-20)
22	119731	1	CABLE ASSEMBLY, Control box, B
	107820	1	• CONNECTOR ASSEMBLY, 16 Pole male
	102887	37"	• CABLE, 16/15
	118711	2	• LABEL, Hydraulic proportional
	119727	2	• CODE PIN
23	119642	1	CABLE ASSEMBLY, Control box, A
	102888	37"	• CABLE, 16/10
	102766	1	• PLUG, 10 Pole male
	119456	2	• COVER, CONNECTOR
	118711	2	• LABEL, Hydraulic proportional
24	103257	AR	CORD, Cabtire 18/3 (Power Deck Control Box)
25	103257	27"	CORD, Cabtire 18/3 (Power Deck Solenoid)
26	107711	3	CONNECTOR ASSEMBLY, 5 Pole female
	103568	1	• HOUSING, Female with Strain relief connector
	132789	1	• • HOUSING
	132110	1	• • CONNECTOR, Strain relief
	103570	1	• INSERT, Female
27	(Ref.)	1	CABLE ASSEMBLIES (Powered extension option) (For components, refer to Figure 6.1-13, & 6.1-14)
L	(Ref.)	1	LABEL, Control Box
		-	(Refer to Figure 6.8-2)

Figure 6.1-18. Operator's Control Box Assembly (CE)



For CE machines equipped with load sensing, refer to load sensing supplemental manual.

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Figure 6.1-18. Operator's Control Box Assembly (CE)

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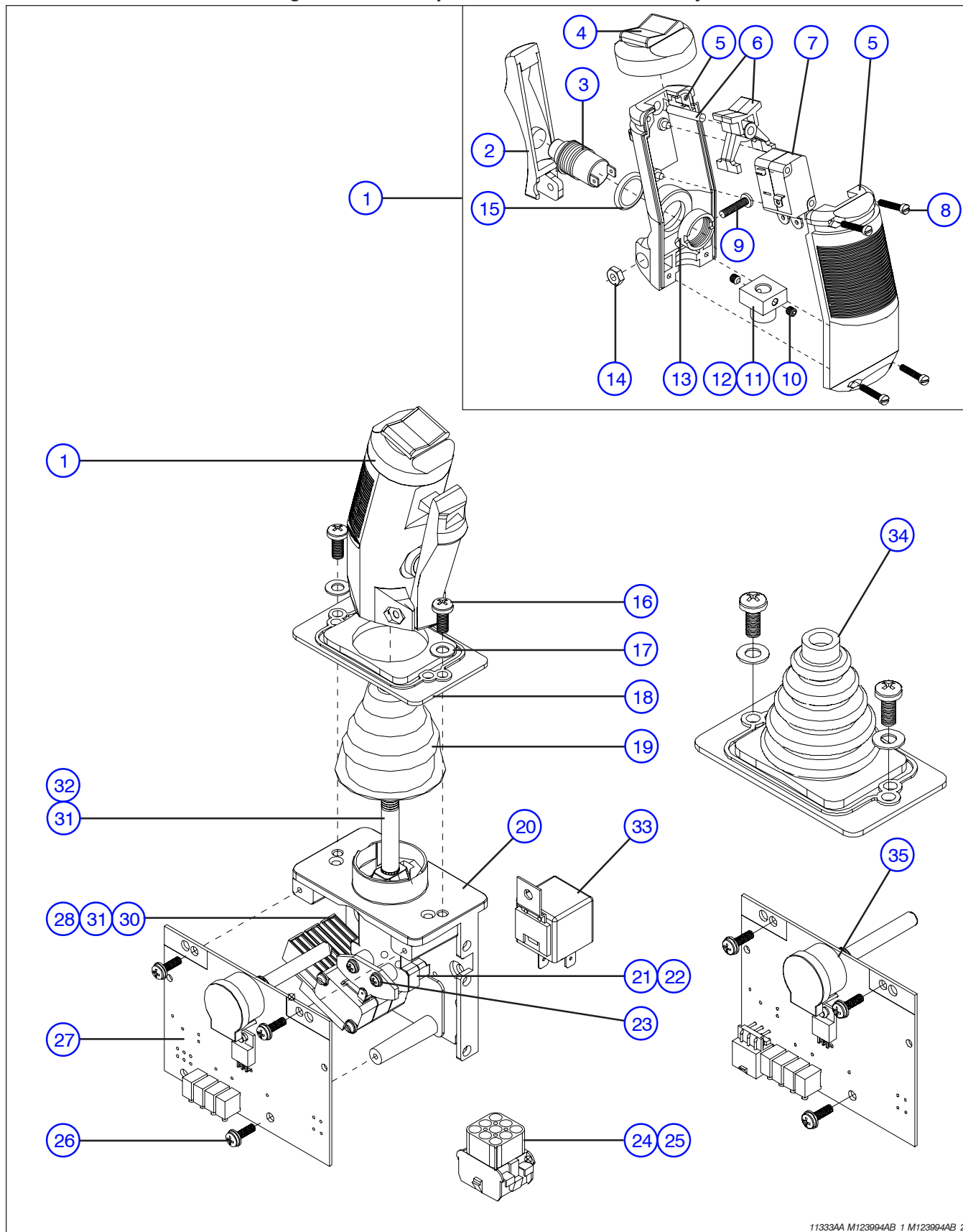
Index No.	Skyjack Part No.	Qty.	Description
A	130593	-	CONTROL BOX, Assembly (Equipped with Manual Extension Deck)
B	130595	-	CONTROL BOX, Assembly (Model 3220/46XX Equipped with Powered Ext.)
C	130594	-	CONTROL BOX, Assembly (Model 46XX with Powered Extension)
1	130564	1	WELDMENT, Control Box
2	(Ref.)	-	JOYSTICK, Controller Proportional. (For components, refer to Figure 6.1-19)
	300831	2	SCREW, Machine Flat Head #10 - 32 x 5/8
3	122093	1	INDICATOR, Battery Charger
4	103962	4	SCREW, Round Hd Machine #10 - 32 x 1/2"
5	111181	AR	GUARD, Toggle Switch
6	115574	1	SWITCH, Torque Toggle
7	124153	1	GUARD, Joystick
	104694	2	• WASHER, Flat #10
	104185	4	• WASHER, Lock #10
	104003	4	• NUT, Machine #10 - 32
8	103012	1	BLOCK, Terminal 12 Position Small
	103955	2	• SCREW, PPHMS #6 - 32 x 3/4
	103985	2	• NUT, Hex Head #6 - 32
	106099	2	• WASHER, Lock #6
9	(Ref)	1	ASSEMBLY, Horn Switch
	102851	1	• HEAD, Push Button Switch
	103100	1	• BASE, Block Contact
	103141	1	• SWITCH, N.O. Contact
10	(Ref.)	1	ASSEMBLY, Key Switch
	103082	1	• HEAD, Key Switch 3 Position
	103100	1	• BASE, Block Contact
	103141	AR	• SWITCH, N.O. Contact
	100149	1	• WASHER, Switch Mount
11	(Ref.)	1	ASSEMBLY, Emergency Stop Switch
	102769	1	• HEAD, Emergency Stop Switch
	103100	1	• BASE, Block Contact
	103225	1	• SWITCH, N.C. Contact
	100149	1	• WASHER, Switch Mount
Part list continued on the following page.			

Figure 6.1-18. Operator's Control Box Assembly (CE) (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from the previous page.
12	114710	1	RING, Key Skyjack Logo
13	310625	1	WELDMENT, Control Box Bottom Cover
	112327	9	• SCREW, Hex Hd Self-tapping #8-18 x 1/2"
14	300788	1	CONNECTOR, Strain Relief
15	121058	1	HORN, 24 Volt
	116220	2	• SCREW, Machine M4 x 0.7 x 16mm
	121484	4	• NUT, Hex Nylon Lock M4 x 0.70
16	119731	1	CABLE ASSEMBLY, Control box
	107820	1	• CONNECTOR ASSEMBLY, 16 Pole male
	102887	27"	• CABLE, 16/15
	118711	2	• LABEL, Hydraulic proportional
	119727	2	• CODE, Pin
17	116382	1	SWITCH, Lift/Off/Drive Toggle
18	(Ref.)	1	ASSEMBLY, On/Overload Light
	103202	1	• CAP, Top Light Cover
	102771	1	• BULB, 24 Volt
	102671	1	• MOUNT, Base Light
19	300460	AR	PLUG, Snap In 7/8" Hole, A, B
20	(Ref)	-	ASSEMBLY, Scissor Arm Control Cable
21	103257	AR	CORD, Cabtire 18/3 (Power Deck Control Box), B, C
22	103256	AR	CORD, Cabtire 18/2 (Power Deck Limit Switch), C
23	103255	27"	CORD, Cabtire 18/4 (Power Deck Solenoid), B, C
24	107711	3	CONNECTOR ASSEMBLY, 5 Pole female
	103568	1	• HOUSING, Female with Strain relief connector
	132789	1	• • HOUSING
	132110	1	• • CONNECTOR, Strain relief
	103570	1	• INSERT, Female
L	(Ref.)	1	LABEL, Control Box
		-	(Refer to Figure 6.8-2)

Figure 6.1-19. Proportional Controller Assembly

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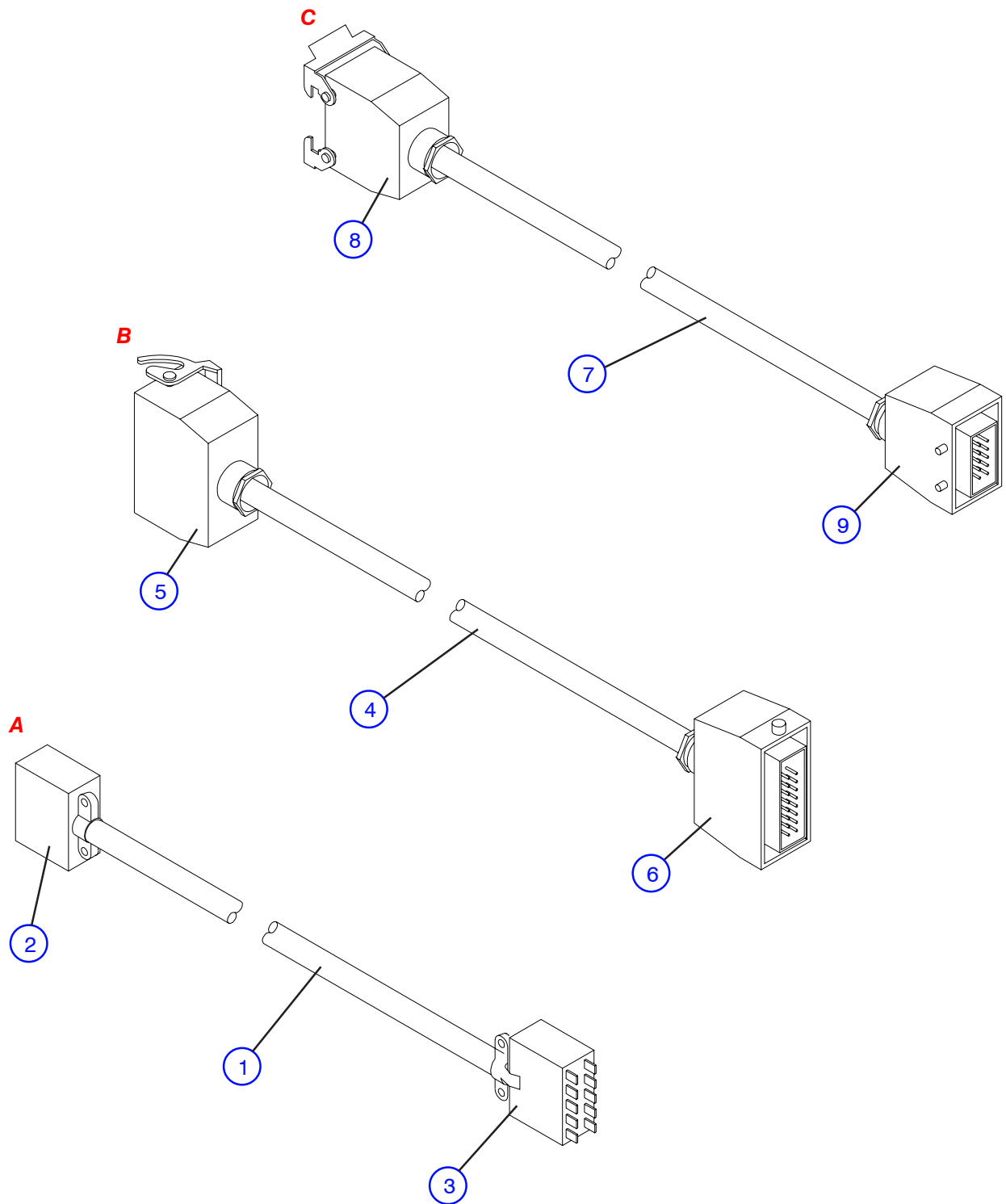
Figure 6.1-19. Proportional Controller Assembly

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Index No.	Skyjack Part No.	Qty.	Description
A	123994	-	CONTROLLER, Enable Joystick Assembly
1	122849	1	• HANDLE, Assembly
2	122873	1	• • LEVER, Trigger
3	122872	1	• • SWITCH, Enable Push Button
4	122874	1	• • CAP, Rubber
5	134112	1	• • KIT, Handle
6	122876	1	• • ROCKER, Assembly
7	122877	2	• • SWITCH, Micro Assembly
8	122879	4	• • SCREW, Joystick Handle
9	122959	1	• • SCREW, Joystick Lever
10	122960	2	• • SCREW, Set
11	122961	1	• • COUPLING, 8 mm
12	122962	1	• • COUPLING, 10 mm
13	122963	1	• • NUT, Push Button
14	122964	1	• • NUT, Joystick Lever
15	122965	1	• • FITTING, O-Ring
16	122846	2	• SCREW
17	122847	2	• WASHER
18	122859	1	• GASKET (If equipped)
19	122848	1	• BOOT (If equipped)
20	122871	1	• BASE
21	122850	2	• SPACER
22	122851	1	• CAM
23	122852	2	• SCREW, Cam
24	122840	1	• CONNECTOR, Male 9 Pole Assembly
	116993	1	• • HOUSING, Connector Male 9 Pole
	116990	9	• • PIN, Female Wire
25	122841	1	• CONNECTOR, Female 9 Pin Assembly
	122839	1	• • HOUSING, Connector Female 9 Pin
	116989	9	• • PIN, Male Wire
26	122867	3	• SCREW, Circuit Board
27	122868	1	• CIRCUIT BOARD, Assembly (If equipped)
28	122869	3	• SWITCH, Micro
29	122870	2	• WASHER, Switch Micro
30	122857	2	• SCREW, Switch Micro
31	124820	1	• SHAFT, Modified Joystick
32	127235	1	• SPRING
33	108589	1	• RELAY, 24 Volt-40 Amp (If equipped)
34	127179	1	• BOOT & GASKET (If equipped)
35	127180	1	• CIRCUIT BOARD, Assembly (If equipped)

Figure 6.1-20. Scissor Arm Control Cable Assemblies

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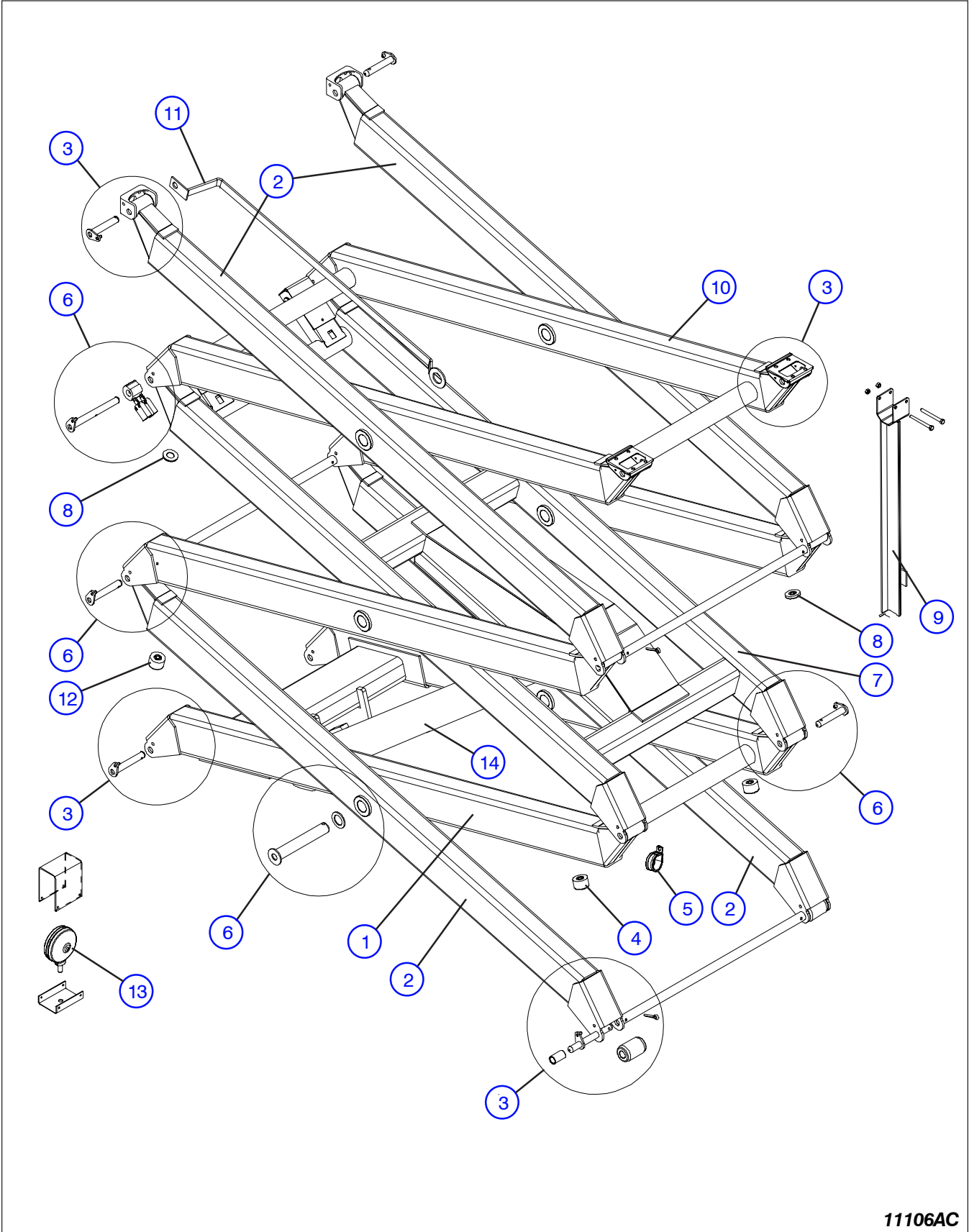
Figure 6.1-20. Scissor Arm Control Cable Assemblies

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Index No.	Skyjack Part No.	Qty.	Description								
A	119643	1	CABLE ASSEMBLY, 10 Pin - Model 3220 & Model 4620 (ANSI/CSA No Option)								
	119644	1	CABLE ASSEMBLY, 10 Pin - Model 3226 & Model 4626 (ANSI/CSA No Option)								
	119646	1	CABLE ASSEMBLY, 10 Pin - Model 4632 (ANSI/CSA No Option)								
	119457	2	• CONNECTOR, Plug								
	102888	AR	• CABLE, 16/10 (Refer to chart below for lengths)								
	102518	1	• SOCKET, 10 Pole, female								
	119456	2	• COVER, Connector								
1	102766	1	• PLUG, 10 Pin, male								
	119949	4	• BOLT, Self thread #6-32								
	118711	4	• LABEL, Hydraulic proportional								
B	119732	1	CABLE ASSEMBLY, 16 Pin - Model 3220 & 4620 (ANSI/CSA All Option & CE)								
	119733	1	CABLE ASSEMBLY, 16 Pin - Model 3226 & 4626 (ANSI/CSA All Option & CE)								
	119735	1	CABLE ASSEMBLY, 16 Pin - Model 4632 (ANSI/CSA All Option & CE)								
	102887	AR	• CABLE, 16/15 (Refer to chart below for lengths)								
2	107821	1	• CONNECTOR, Female 16 pin								
	103565	1	• • HOUSING, Top								
	103573	1	• • INSERT, Female								
	119727	4	• CODE PIN								
3	107820	1	• CONNECTOR, 16 Pin male								
	103564	1	• • HOUSING, Top								
	103574	1	• • INSERT, Male								
	118711	4	• LABEL, Hydraulic proportional								
4	119738	1	CABLE ASSEMBLY, 10 Pin - Model 4620 (EE Rated)								
	119739	1	CABLE ASSEMBLY, 10 Pin - Model 4626 (EE Rated)								
	119740	1	CABLE ASSEMBLY, 10 Pin - Model 4632 (EE Rated)								
	102888	AR	• CABLE, 16/10 (Refer to chart below for lengths)								
5	107777	1	• CONNECTOR, 10 Pin female								
	103566	1	• • HOUSING, Top								
	103571	1	• • INSERT, Female								
	119727	4	• CODE PIN								
6	107778	1	• CONNECTOR, 10 Pin male								
	103563	1	• • HOUSING, Top								
	103572	1	• • INSERT, Male								
	118711	4	• LABEL, Hydraulic proportional								
<table border="1"> <tr> <td>Models</td><td>3220/4620</td><td>3226/4626</td><td>4632</td></tr> <tr> <td>Cable Lengths</td><td>384"</td><td>468"</td><td>564"</td></tr> </table>				Models	3220/4620	3226/4626	4632	Cable Lengths	384"	468"	564"
Models	3220/4620	3226/4626	4632								
Cable Lengths	384"	468"	564"								
60054AC											

Figure 6.2-1. Scissor Arm Assembly - Model 3220 & 4620

AF

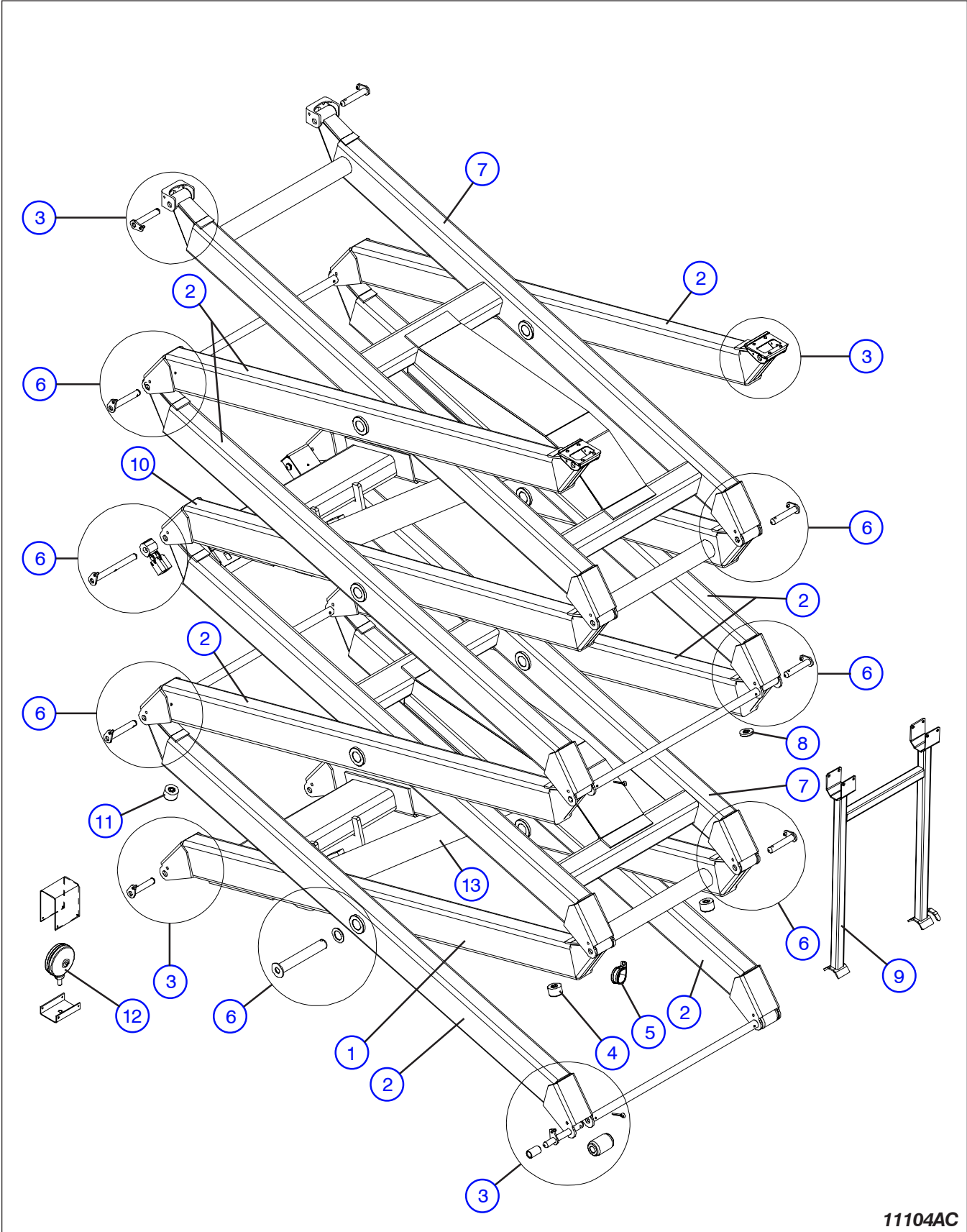


11106AC

Figure 6.2-1. Scissor Arm Assembly - Model 3220 & 4620

Index No.	Skyjack Part No.	Qty.	Description
A	125997	-	Entire Scissor Assembly Model 3220 - Without Powered Extension (ANSI/CSA)
	132580	-	Entire Scissor Assembly Model 3220 - With Powered Extension (ANSI/CSA)
	130581	-	Entire Scissor Assembly Model 3220 - Without Powered Extension (CE)
	132584	-	Entire Scissor Assembly Model 3220 - With Powered Extension (CE)
B	134764	-	Entire Scissor Assembly Model 4620 - Without Powered Extension (ANSI/CSA) (Order P/N 132058 for machines with Serial No. 714053 & Below - Model 4620)
	134765	-	Entire Scissor Assembly Model 4620 - With Powered Extension (ANSI/CSA) (Order P/N 132573 for machines with Serial No. 714053 & Below - Model 4620)
	134773	-	Entire Scissor Assembly Model 4620 - Without Powered Extension (CE) (Order P/N 132064 for machines with Serial No. 714053 & Below - Model 4620)
	134777	-	Entire Scissor Assembly Model 4620 - With Powered Extension (CE) (Order P/N 132574 for machines with Serial No. 714053 & Below - Model 4620)
1	126329	1	SCISSOR LEVEL, Inside cylinder bottom, A
	130254	1	SCISSOR LEVEL, Inside cylinder bottom, B
2	125902	6	SCISSOR ARMS, Outside
3	(Ref.)	-	MOUNTING, Scissor Stack Assembly (For components, refer to Figure 6.2-4)
4	130841	2	BUMPER ASSEMBLY, Scissor first level - Front
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	600426	1	• WASHER, Flat M12
5	103078	AR	CLIP, Double G10
	122501	AR	• SCREW, Machine 3/8"-16 x 5/8" hex washer hd
6	(Ref.)	-	HARDWARE, Scissor Arm Assembly Connecting (For components, refer to Figure 6.2-5)
7	120731	1	SCISSOR LEVEL, Inside cylinder top, A
	120657	1	SCISSOR LEVEL, Inside cylinder top, B
8	121860	AR	BUMPER, Scissor arm
9	123344	1	WELDMENT, Safety bar, A
	123324	1	WELDMENT, Safety bar, B
	103984	AR	• NUT, Hex Lock 5/16"-18 Gr. B
	122006	AR	• BOLT, Hex head 5/16" -18 x 3 1/4" Gr. 5
10	123354	1	SCISSOR LEVEL, Inside, A
	123353	1	SCISSOR LEVEL, Upper Inside, B
11	134749	AR	WELDMENT, Cable carrier (Order P/N 121907 for machines with Serial No. 714053 & Below - Model 4620)
12	130889	2	BUMPER ASSEMBLY, Scissor first level
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	131953	1	• WASHER, Flat 7/8"
13	(Ref.)	-	ASSEMBLY, Flashing Light Option (For components, refer to Figure 6.2-6)
14	(Ref.)	-	HARDWARE, Lift Cylinder and mounting (For components, refer to Figure 6.2.8)

Figure 6.2-2. Scissor Arm Assembly - Model 3226 & 4626

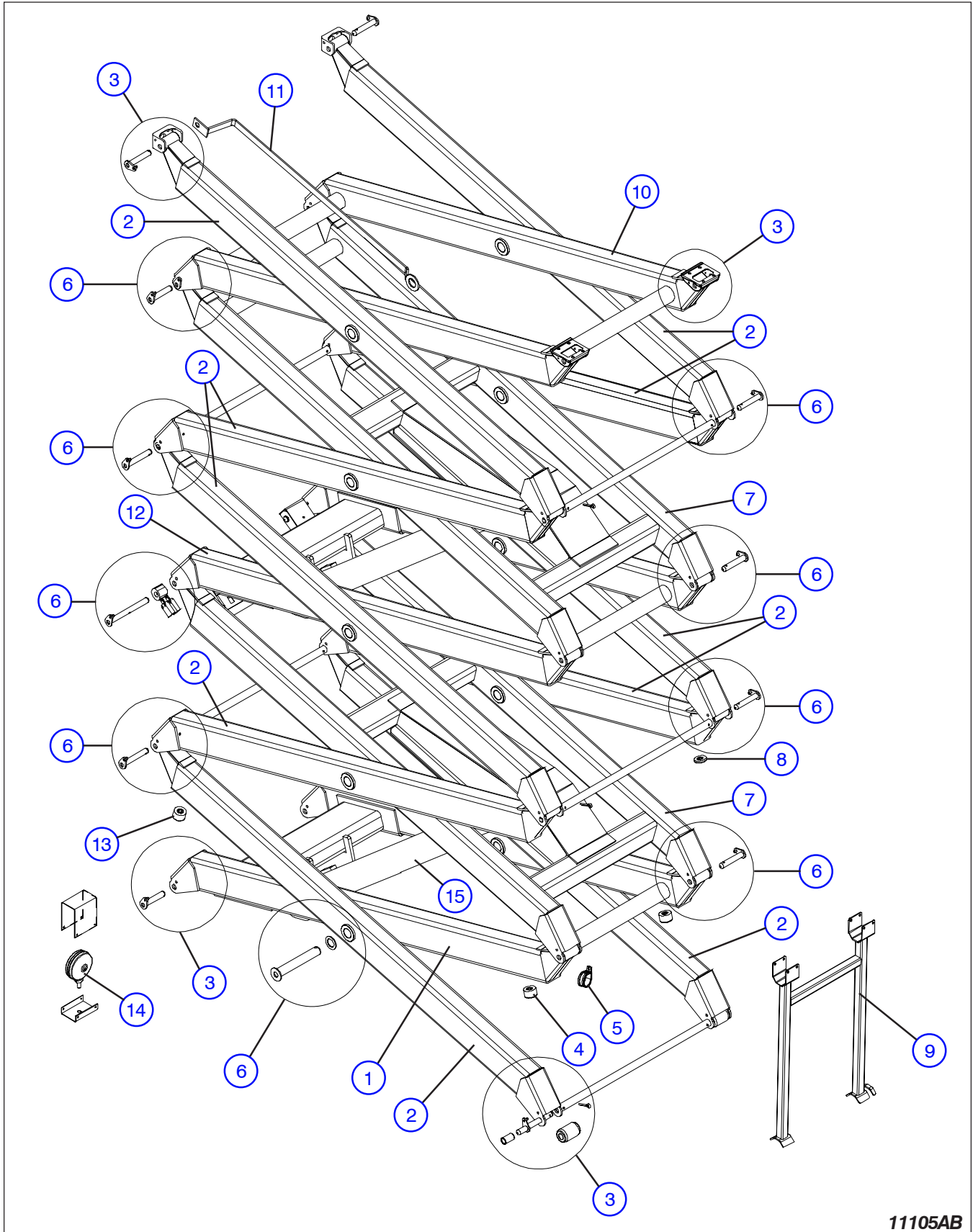


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Figure 6.2-2. Scissor Arm Assembly - Model 3226 & 4626

Index No.	Skyjack Part No.	Qty.	Description
A	125965	-	Entire Scissor Assembly - Model 3226 (ANSI/CSA)
	130600	-	Entire Scissor Assembly - Model 3226 (CE)
B	132059	-	Entire Scissor Assembly - Model 4626 (ANSI/CSA)
	132065	-	Entire Scissor Assembly - Model 4626 (CE)
1	126329	1	SCISSOR LEVEL, Inside cylinder bottom, A
	130254	1	SCISSOR LEVEL, Inside cylinder bottom, B
2	125902	8	SCISSOR ARMS, Outside
3	(Ref.)	-	MOUNTING, Scissor Stack Assembly (For components, refer to Figure 6.2-4)
4	130841	2	BUMPER ASSEMBLY, Scissor first level - Front
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	600426	1	• WASHER, Flat M12
5	103078	AR	CLIP, Double G10
	122501	AR	• SCREW, Machine 3/8"-16 x 5/8" hex washer hd
6	(Ref.)	-	HARDWARE, Scissor Arm Assembly Connecting (For components, refer to Figure 6.2-5)
7	120731	2	SCISSOR LEVEL, Inside cylinder top, A
	120657	2	SCISSOR LEVEL, Inside cylinder top, B
8	121860	AR	BUMPER, Scissor arm
9	123344	1	WELDMENT, Safety bar, A
	123324	1	WELDMENT, Safety bar, B
	103984	AR	• NUT, Hex Lock 5/16"-18 Gr. B
	122006	AR	• BOLT, Hex head 5/16"-18 x 3 1/4 Gr. 5
10	123352	1	SCISSOR LEVEL, Inside cylinder bottom, A
	130829	1	SCISSOR LEVEL, Inside cylinder bottom, B
11	130889	2	BUMPER ASSEMBLY, Scissor first level - Rear
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	131953	1	• WASHER, Flat 7/8"
12	(Ref.)	-	ASSEMBLY, Flashing Light Option (For components, refer to Figure 6.2-6)
13	(Ref.)	-	HARDWARE, Lift Cylinder and mounting (For components, refer to Figure 6-2.8)

Figure 6.2-3. Scissor Arm Assembly - Model 4632



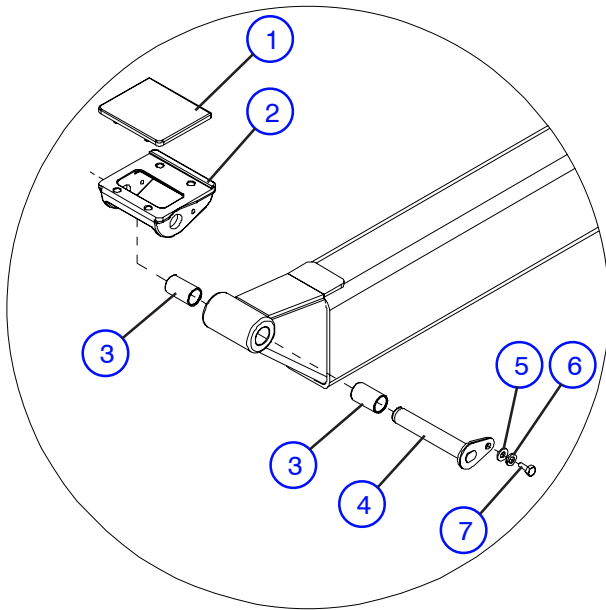
11105AB

Figure 6.2-3. Scissor Arm Assembly - Model 4632

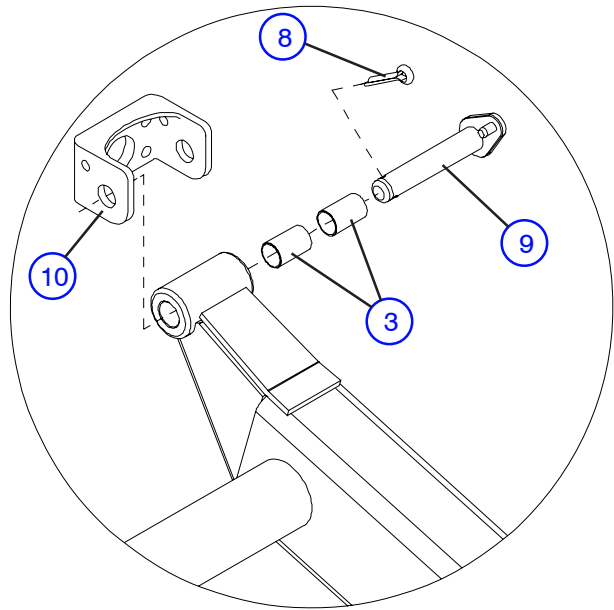
Index No.	Skyjack Part No.	Qty.	Description
A	134799	-	Entire Scissor Assembly (ANSI/CSA) (Order P/N 132062 for machines with Serial No. 714053 & Below)
B	135983	-	Entire Scissor Assembly (CE) (Order P/N 132066 for machines with Serial No. 714053 & Below)
1	130254	1	SCISSOR LEVEL, Inside cylinder bottom
2	125902	10	SCISSOR ARMS, Outside
3	(Ref.)	-	MOUNTING, Scissor Stack Assembly (For components, refer to Figure 6.2-4)
4	130841	2	BUMPER ASSEMBLY, Scissor first level - Front
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	600426	1	• WASHER, Flat M12
5	103078	AR	CLIP, Double G10
	122501	AR	• SCREW, Machine 3/8"-16 x 5/8" hex washer hd
6	(Ref.)	-	HARDWARE, Scissor Arm Assembly Connecting (For components, refer to Figure 6.2-5)
7	120657	2	SCISSOR LEVEL, Inside cylinder top
8	121860	AR	BUMPER, Scissor arm
9	123324	1	WELDMENT, Safety bar
	103984	4	• NUT, Lock (hex) 5/16"-18 Gr. B
	122006	4	• BOLT, Hex head 5/16"-18 x 3 1/4" Gr. 5
10	132610	1	SCISSOR LEVEL, Upper Inside
11	134749	1	WELDMENT, Cable Carrier (Order P/N 121907 for machines with Serial No. 714053 & Below)
12	130829	1	SCISSOR LEVEL, Inside cylinder bottom
13	130889	2	BUMPER ASSEMBLY, Scissor first level - Rear
	130840	1	• BUMPER, Scissor Bottom
	123713	1	• BOLT, Hex Hd M12-1.25 x 16mm
	131953	1	• WASHER, Flat 7/8"
14	(Ref.)	-	ASSEMBLY, Flashing Light Option (For components, refer to Figure 6.2-6)
15	(Ref.)	-	HARDWARE, Lift Cylinder and mounting (For components, refer to Figure 6.2.8)

Figure 6.2-4. Scissor Stack Assembly Mounting

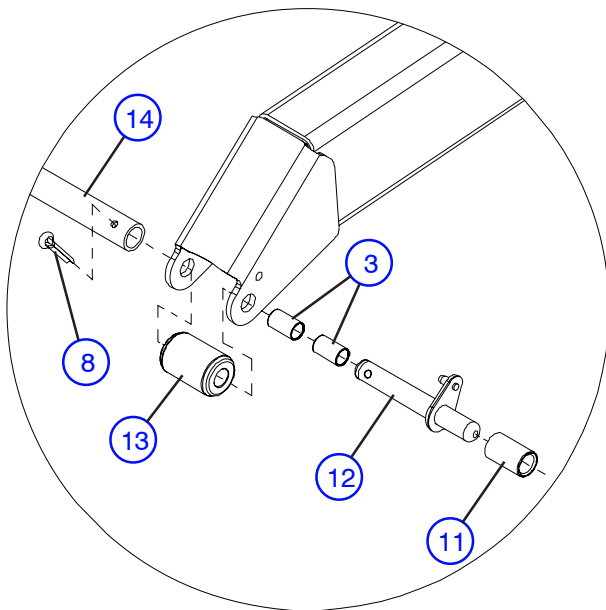
A - Top Slider Assembly



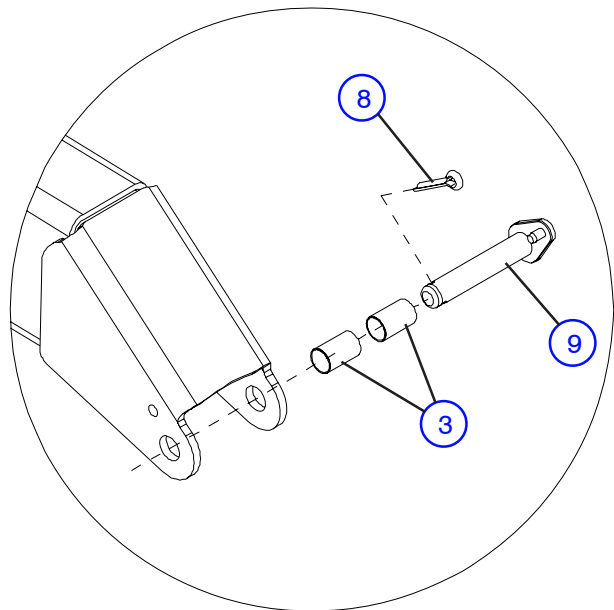
B - Main Platform Bracket Mounting Assembly



C - Bottom Slider Assembly



D - End Pin Assembly at Base



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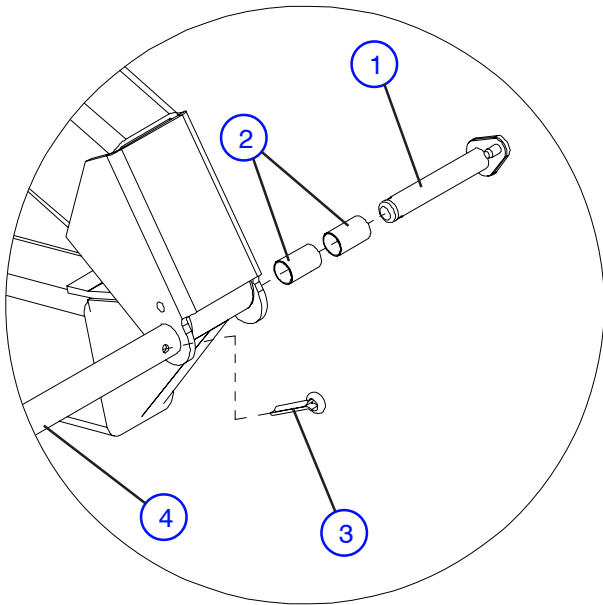
Figure 6.2-4. Scissor Stack Assembly Mounting

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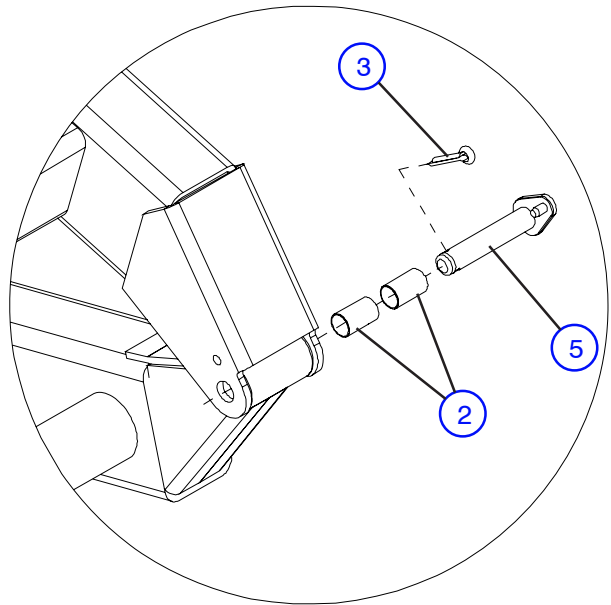
Index No.	Skyjack Part No.	Qty.	Description
1	120772	1	• PAD, Slider
2	120771	1	• BRACKET, Main Platform Slider (Model 4620, 4632)
	134049	1	• BRACKET, Main Platform Slider (Model 4620)
			(For Models 4626, order P/N 120771 for Machines with Serial No. 712030 & Below)
3	123430	2	• BUSHING, Fiberglide 3/4" I.D. x 1-1/2"
4	123416	1	• PIN, Main Platform Slider (Model 32XX)
	121685	1	• PIN, Main Platform Slider (Model 46XX)
5	103995	1	• WASHER, Flat 1/4"
6	104000	1	• WASHER, Lock 1/4"
7	103892	1	• BOLT, Hex Hd 1/4"-20 x 5/8"
8	121874	1	• COTTER PIN, 1/4" x 1.5"
9	120958	1	• PIN, Ø 3/4" x 4" (Scissor level without Cable Carrier Weldment)
	121676	1	• PIN, Ø 3/4" x 4 1/4" (Scissor level with Cable Carrier Weldment)
10	125470	2	• WELDMENT, Platform Mounting Bracket
11	121856	1	• SPACER, Bottom Roller Pin
12	121604	1	• PIN, Bottom Roller
13	120697	14	• ROLLER, Scissor
14	121605	1	• TUBE, Outside scissor arms Cross Member (Model 32XX)
	121672	1	• TUBE, Outside scissor arms Cross Member, (Model 46XX)

Figure 6.2-5. Scissor Arm Assembly Connecting Hardware

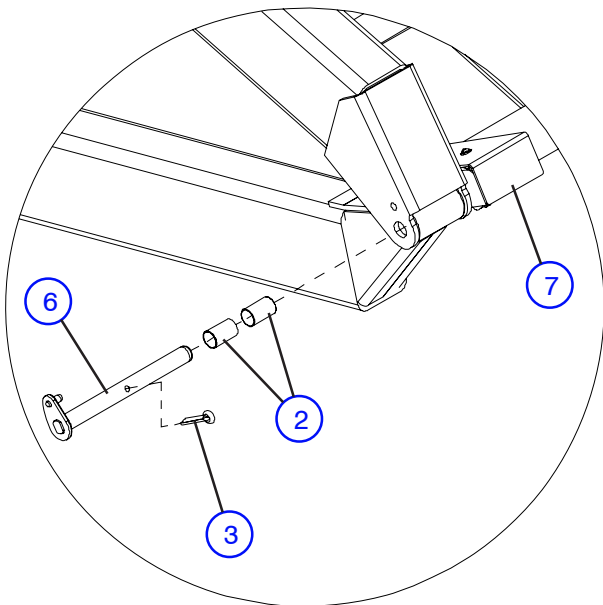
**Outside End Pin Assembly
(With Cross Member Tube)**



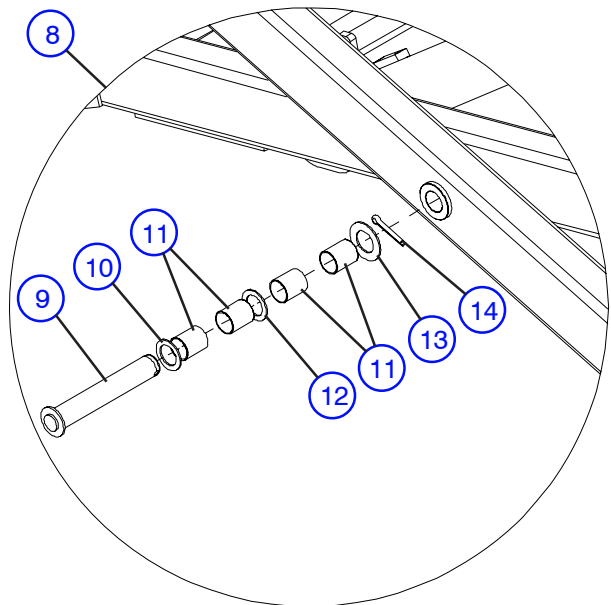
**Inside End Pin Assembly
(Without Cross Member Tube)**



Limit Switch Pin Assembly



Center Pin Assembly



11303AA

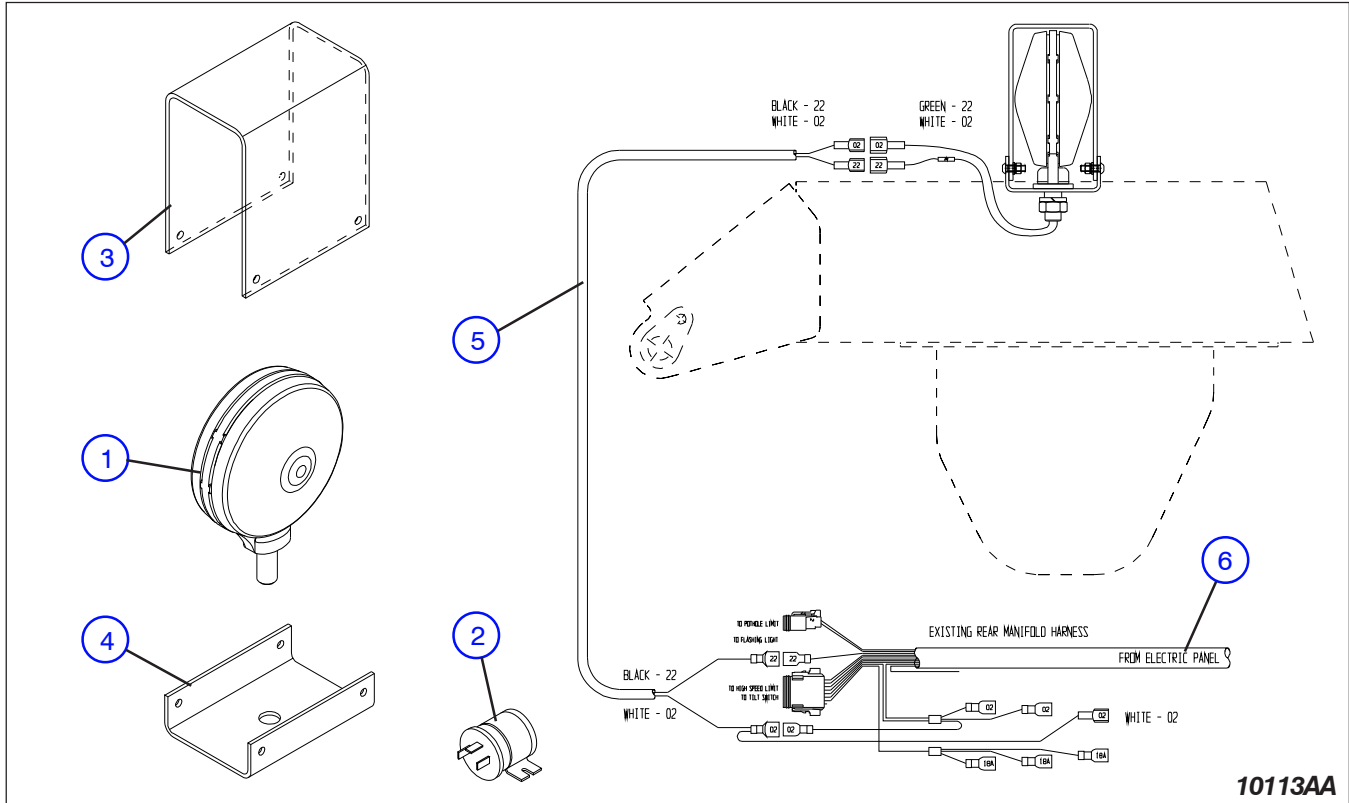
Figure 6.2-5. Scissor Arm Assembly Connecting Hardware

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Index No.	Skyjack Part No.	Qty.	Description
1	121674	1	PIN, Outside Scissor
2	123430	2	BUSHING, Fiberglide 3/4" I.D. x 1-1/2"
3	121874	1	COTTER PIN, 1/4" x 1.5"
4	121605	1	TUBE, Outside scissor arms Cross Member (Model 32XX)
	121672	1	TUBE, Outside scissor arms Cross Member, (Model 46XX)
5	120958	1	PIN, Inside Scissor
6	121677	1	PIN, Limit Switch
7	(Ref.)	-	ASSEMBLY, Limit Switch (For Components, Refer to Figure 6.2-7)
8	128256	AR	ASSEMBLY, Center Pin (Scissor level without Cable Carrier Weldment)
	130385	AR	ASSEMBLY, Center Pin (Scissor level with Cable Carrier Weldment)
9	120673	1	• PIN, Center
10	101520	1	• WASHER, Nylon 2" O.D. x 1.28" I.D. x 0.12" thk
11	123431	4	• BUSHING, Fiberglide 1-1/4" x 1-13/16"
12	121703	1	• SPACER, Bearing Thrust Fiberglide 1-1/4" I.D.
*13	122502	1	• WASHER, Flat 1-1/4" I.D. x 2-1/4" O.D.
14	121875	1	• COTTER PIN, 5/16" dia. x 2.0"
			* Note: Not required if equipped with Cable Carrier Weldment

Figure 6.2-6. Flashing Amber Light Option

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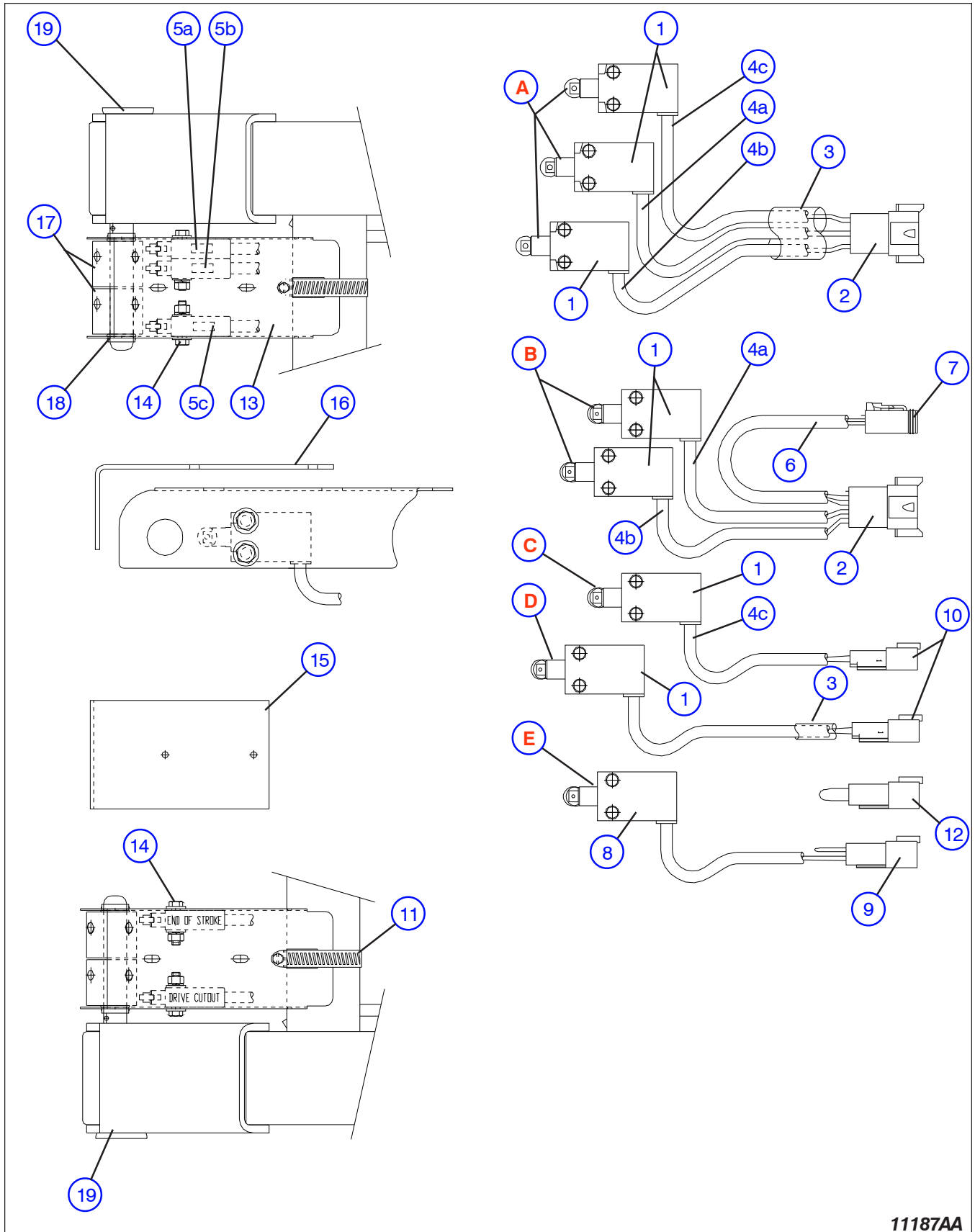


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Index No.	Skyjack Part No.	Qty.	Description
1	121838	1	LIGHT ASSEMBLY, Flashing amber (without Terminals)
	126111	1	LIGHT ASSEMBLY, Flashing Amber (with Terminals included as shown)
	121477	1	• LIGHT, Beacon
	121533	1	• • LENS, Amber
	103111	1	• • BULB, 24 Volt (if equipped with single contact bulb)
	146153	1	• • BULB, 24 Volt (if equipped with dual contact bulb)
2	103743	1	FLASHER, 12-24 Volt
3	123180	1	COVER ASSEMBLY (Optional For EE Rated Machines)
	123177	1	• COVER, Flashing Light
4	123178	1	• BRACKET, Flashing Light Cover
	120094	4	• BOLT, #10-32 x 5/8"
	104003	4	• NUT, #10-32
	104694	4	• WASHER, #10 Flat
5	104185	4	• WASHER, #10 Lock
	141566	1	HARNESS, Flashing light (Machines with S/N 60000967 & Above)
	103256	100"	• CABTIRE, 18/2
	126104	1	HARNESS, Flashing light (Model 3220)
			(For Machines with S/N 60000966 & Below)
	103256	48"	• CABTIRE, 18/2
6	126100	1	HARNESS, Flashing light (Model 3226)
			(For Machines with S/N 27002839 & Below)
	103256	228"	• CABTIRE, 18/2
	132283	1	HARNESS, Flashing Light Option (Model 46XX)
			(For Machines with S/N 70003077 & Below)
	103256	60"	• CABTIRE, 18/2
	(Ref.)	-	HARNESS, Rear Manifold
			(For components, refer to Figure 6.6-1)

Figure 6.2-7. Scissor Arm Limit Switch Assemblies

AI



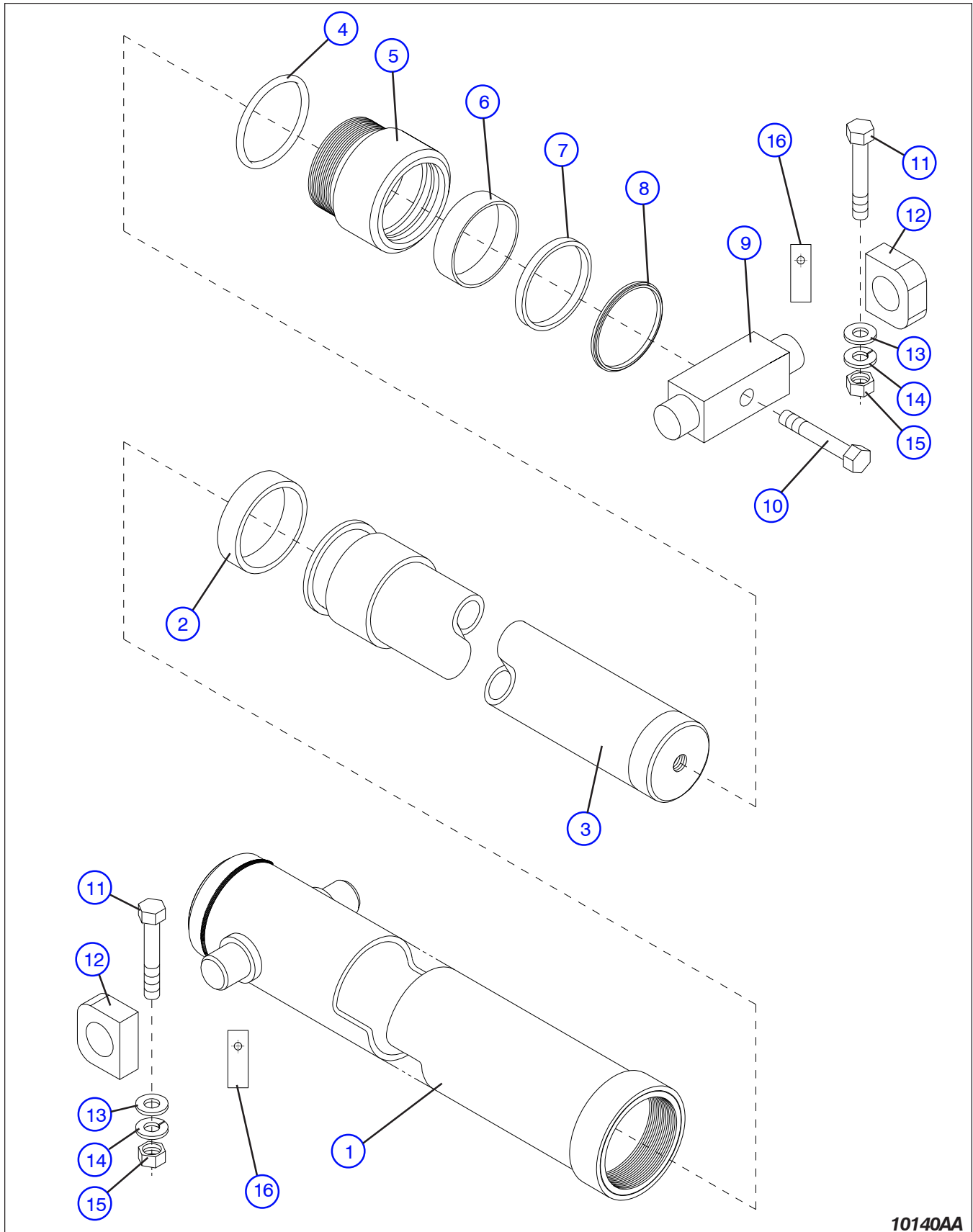
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Figure 6.2-7. Scissor Arm Limit Switch Assemblies

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Index No.	Skyjack Part No.	Qty.	Description
A	132236	1	SWITCH ASS'Y, High Speed/Pot Hole Limit (All ANSI/CSA except EE Rated)
B	121976	1	SWITCH ASS'Y, High speed limit (For ANSI/CSA EE-Rated models)
C	121978	1	SWITCH ASS'Y, Pothole override limit (For ANSI/CSA EE-Rated models)
D	122014	AR	SWITCH ASS'Y, End of stroke limit (Optional)
E	121991	1	SWITCH ASS'Y, Drive cutout limit (Optional)
1	121975	AR	• SWITCH, Drilled sealed limit (All except E)
2	119132	1	• KIT, 8-Pole Receptacle, A, B
3	119965	2"	• HEATSHRINK, Yellow, A
	119964	2"	• HEATSHRINK, Blue, D
4a	113018	1	• MARKER, Brady wire #18, A, B
4b	113021	1	• MARKER, Brady wire #21, A, B
4c	113071	1	• MARKER, Brady wire #71, A, C
5a	145963	1	• LABEL, LS1A A, B
5b	145964	1	• LABEL, LS1B A, B
5c	145965	1	• LABEL, LS6 A, C
6	103257	12"	• CABLE, 18/3 Cabtire, B
7	119131	1	• KIT, 4-Pole Plug, B
8	122010	1	• SWITCH, Drilled sealed limit, E
9	119130	1	• KIT, 4-Pole receptacle, E
10	119128	1	• KIT, 2-Pole receptacle, C, D
11	121869	AR	CLAMP, 2.5" Worm gear
12	118713	1	JUMPER ASS'Y, Drive cutout (Optional)
13	121867	AR	BRACKET, Limit switch
14	-	-	HARDWARE, Mounting
	103860	2	• BOLT, Hex Hd 1/4"-20 x 1.75" Gr. 5
	103858	2	• BOLT, Hex Hd 1/4"-20 x 1.25" Gr. 5
	103980	4	• NUT, Hex 1/4"-20 Gr. B
	104000	4	• WASHER, Lock 1/4"
	103995	8	• WASHER, Flat 1/4"
15	125953	1	COVER, Limit Switch
	104694	4	• WASHER, Flat #10
	104185	2	• WASHER, Lock #10
	104003	2	• NUT, Hex Machine #10
	120094	2	• BOLT, Hex Hd Machine #10-32 x 5/8"
16	121868	AR	GUARD, Limit switch
17	100967	AR	CAM, Limit switch
18	121908	AR	BUSHING, 3/4" Snap-in
19	(Ref.)	1	PIN WELDMENT, Limit switches (For components, refer to Figure 6.2-3)

Figure 6.2-8. Lift Cylinder Assembly And Mounting Hardware



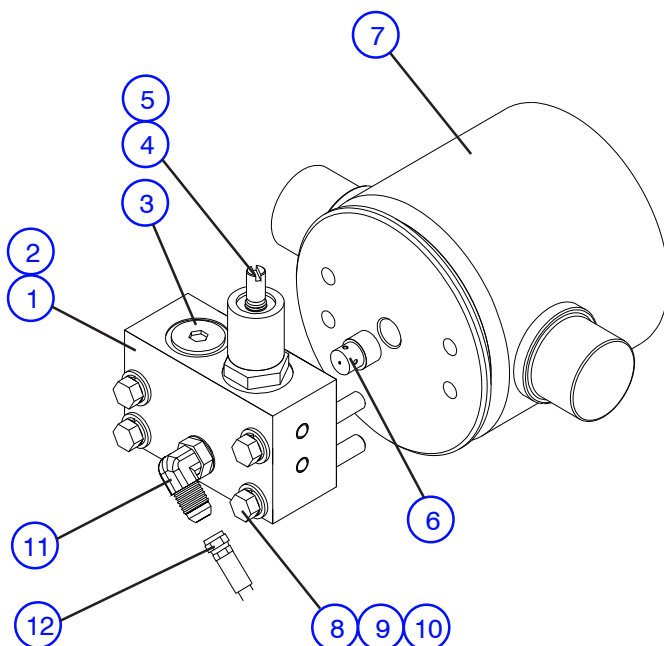
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Figure 6.2-8. Lift Cylinder Assembly And Mounting Hardware

Index No.	Skyjack Part No.	Qty.	Description
A	120989	AR	CYLINDER ASSEMBLY, Lift
1	120993	1	• WELDMENT, Barrel
*2	105690	1	• RING, Piston wear
3	120991	1	• ROD, Piston
*4	120448	1	• O-RING, Gland
5	121096	1	• GLAND, Front head
*6	105689	1	• RING, Gland Wear
*7	105687	1	• SEAL, Piston rod
*8	105688	1	• WIPER, Piston rod
9	121668	AR	• TRUNNION
10	105686	1	• BOLT, 3/4"-16 x 3" Gr. 5
11	103869	AR	BOLT, Hex head 5/16"-18 x 4.5" Gr. 5 (4 per cylinder)
12	123808	AR	BEARING BLOCK ASSEMBLY (4 Per Cylinder)
	101076	AR	• BLOCK
	100904	AR	• BUSHING
13	103996	AR	WASHER, Flat 5/16" SAE (4 per cylinder)
14	103404	AR	WASHER, Lock 5/16" nom x 0.07" (4 per cylinder)
15	100397	AR	NUT, Hex head 5/16"-18 Gr. B (4 per cylinder)
16	130377	1	SHIM, Bearing block 16 GA (If equipped)
	130387	1	SHIM, Bearing block 18 GA (If equipped)
	130388	1	SHIM, Bearing block 22 GA (If equipped)
*	121097	AR	KIT, Seal repair * Part of Seal Repair Kit

Figure 6.2-9. Holding Valve Assembly - Models 3220 & 4620

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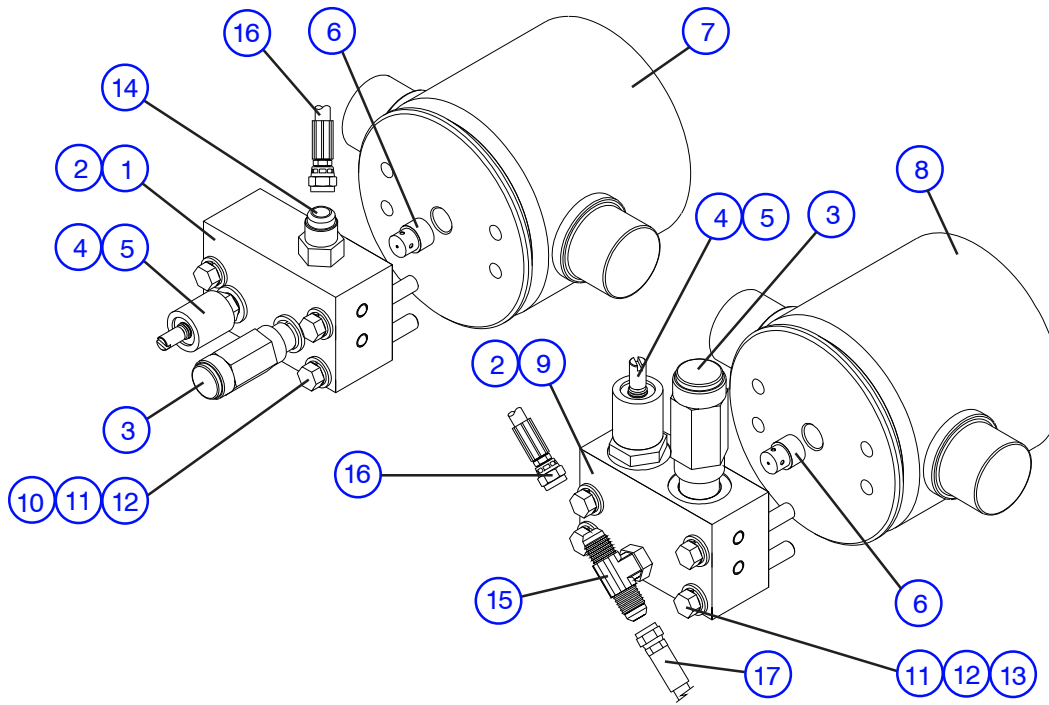


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Index No.	Skyjack Part No.	Qty.	Description
1	106689	1	BLOCK ASSEMBLY, Holding Valve
	111314	1	• BLOCK, Manifold
	108052	2	• PLUG, Expander
2	103403	1	SEAL, O-Ring
3	104437	1	PLUG, Manifold
4	104493	1	COIL, 24 Volt
5	107269	1	VALVE, N.C. Holding
6	105281	1	ORIFICE, One way
7	(Ref.)	1	ASSEMBLY, Lift cylinder (For components, Refer to Figure 6.2-8)
8	103931	4	BOLT, Socket (5/16"-18 x 2" Grade 5)
9	103996	4	WASHER, Flat 5/16"
10	104637	4	WASHER, Lock-High Collar 5/16"
11	114578	1	FITTING, Elbow
12	104657	1	HOSE ASSEMBLY, Manifold to Lift Cylinder

Figure 6.2-10. Holding Valve Assembly - Models 3226, 4626 & 4632

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10226AC

Index No.	Skyjack Part No.	Qty.	Description
1	108778	1	BLOCK, Upper holding valve
	111320	1	• BLOCK, Manifold
	108052	3	• PLUG, Expander
2	103403	2	SEAL, O-Ring
3	106557	2	VALVE, Relief
4	107269	2	VALVE, N.C. Holding
5	104493	2	COIL, 24 Volt
6	105281	2	ORIFICE, One way
7	(Ref.)	1	ASSEMBLY, Lift cylinder (Upper Cylinder) (For components, refer to Figure 6.2-8)
8	(Ref.)	1	ASSEMBLY, Lift cylinder (Lower Cylinder) (For components, refer to Figure 6.2-8)
9	106688	1	BLOCK, Lower holding valve
	111316	1	• BLOCK, Manifold
	108052	2	• PLUG, Expander
10	108429	4	BOLT, Hex head 5/16" - 18 x 2.50"
11	103996	8	WASHER, Flat 5/16" S.A.E.
12	104637	8	WASHER, Lock (5/16" high collar 0.09)
13	103931	4	BOLT, Socket (5/16" - 18 x 2" Grade 5)
14	103069	1	FITTING, Straight (upper lift Cylinder)
15	114579	1	FITTING, Tee (lower lift cylinder)
16	102635	1	HOSE ASSEMBLY, Upper Lift cylinder to lower lift cylinder
17	104657	1	HOSE ASSEMBLY, Lower lift cylinder to main manifold

Figure 6.3-1. Base, Axle & Wheels

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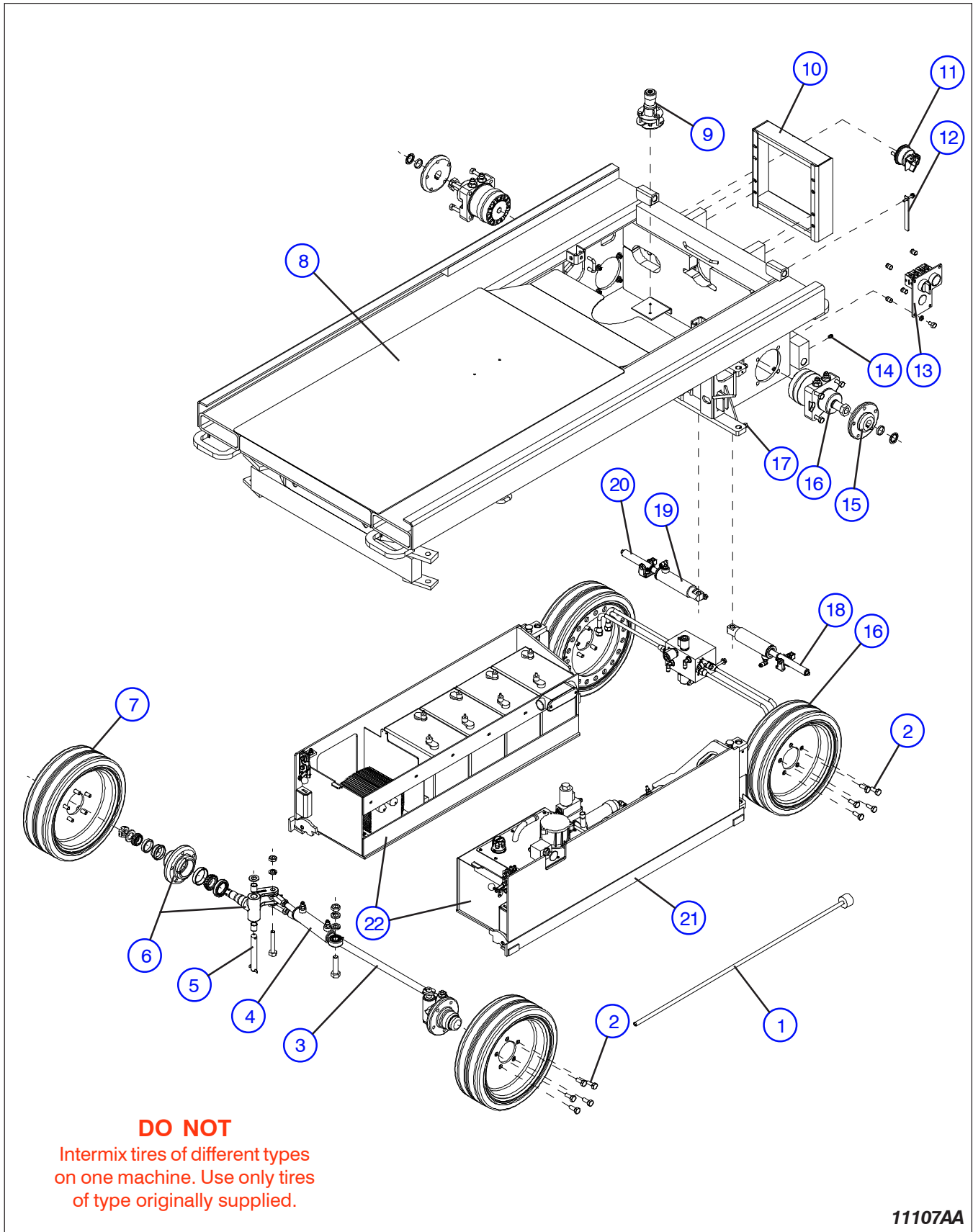


Figure 6.3-1. Base, Axle & Wheels

AF

Index No.	Skyjack Part No.	Qty.	Description
1	132769	1	BAR ASSEMBLY, Emergency lowering
	132477	1	• BAR, Emergency lowering access
	119920	2	• CLIP, Spring coated
	103991	2	• WASHER, Flat #8
	132768	2	• RIVET, Pop 5/32" dia. x 0.435"
	124160	2	• PIN, Locking
2	103199	20	BOLT, Wheel
3	(Ref.)	1	ROD ASSEMBLY, Tie
		-	(For components, refer to Figure 6.3-5)
4	(Ref.)	1	CYLINDER ASSEMBLY, Steer
		-	(For components, refer to Figure 6.3-6)
5	125730	2	PIN ASSEMBLY, King
	100120	1	• PIN, Axle king
	100825	1	• PIN, 1/4" x 1-3/16" lg.
	103478	1	• PIN, Cotter 1/4" x 1-1/4" lg.
	104129	1	• WASHER, Bronze
6	(Ref.)	1	HUB & SPINDLE ASSEMBLY, Front Axle
		-	(For components, refer to Figure 6.3-4)
7	125785	2	WHEEL ASSEMBLY, Front (ITL)
	132285	2	WHEEL ASSEMBLY, Front (Carlisle)
8	132473	1	WELDMENT, Base (Model 3220 without Powered Extension)
	132471	1	WELDMENT, Base (Model 3226 & Model 3220 with Powered Extension)
	130179	1	WELDMENT, Base (Model 46XX with serial numbers 713314 and below)
	136494	1	WELDMENT, Base (Model 46XX with serial numbers 713315 and above)
9	(Ref.)	-	TILT SWITCH
		-	(For components, refer to Figure 6.3-12)
	103855	2	• BOLT, Hex Hd 1/4"-20 x 1/2" Gr. 5
	103980	2	• NUT, Hex Hd 1/4"-20 Gr. B
	104000	2	• WASHER, Lock 1/4"
10	130192	1	LADDER, Step (Model 3220/4620)
	122307	1	LADDER, Step (Model 3226/4626/4632)
	103999	4	• WASHER, 3/8" Lock
	125959	4	• WASHER, 3/8" Flat
	103473	4	• BOLT, Hex-hd 3/8-16 x 1" lg.
11	119725	1	SWITCH, Battery
	108714	1	• KIT, Battery switch lockout
	(Ref.)	1	• LABEL, Power on/off
		-	(Refer to Figure 6.8-3)
12	115005	1	ASSEMBLY, Static Strap
	115420	1	• STRAP, Ground
	101632	1	• BOLT, Hex head 3/8" - 16 x 3/4"
	103999	1	• WASHER, Lock 3/8" NOM
	103978	1	• NUT, Hex head 3/8" - 16
Part list continued on the following page.			

DO NOT

Intermix tires of different types
on one machine. Use only tires
of type originally supplied.

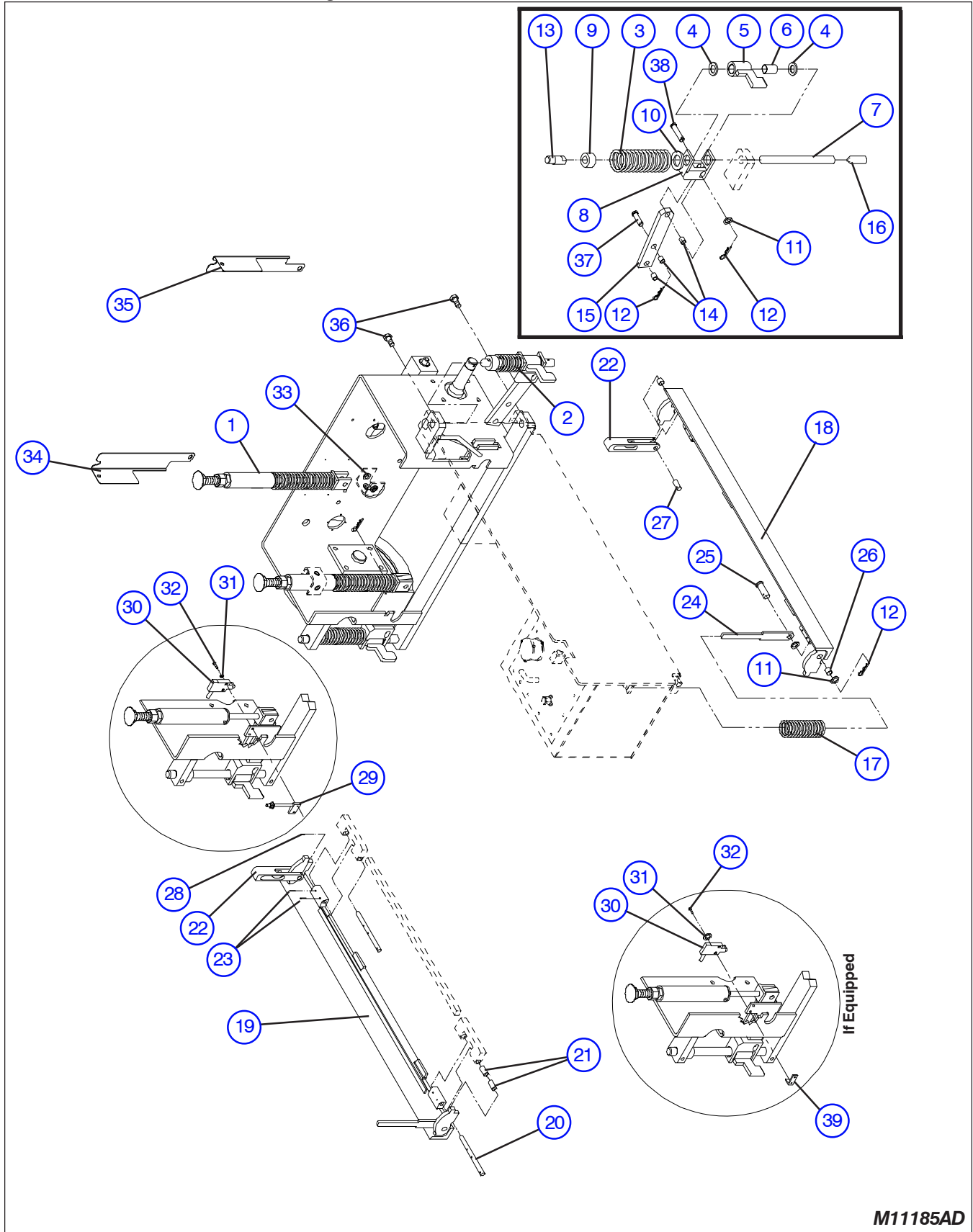
Figure 6.3-1. Base, Axle & Wheels

AI

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued on the previous page. DO NOT Intermix tires of different types on one machine. Use only tires of type originally supplied.
13	(Ref.)	1	BOX ASSEMBLY, Base control (CE)
		-	(For components, refer to Figure 6.3-11)
14	102027	2	FITTING, Grease
15	(Ref.)	2	HUB ASSEMBLY, Rear axle
		-	(For components, refer to Figure 6.3-3)
16	(Ref.)	2	MOTOR, Wheel drive (Equipped with Pin Brake)
		-	(For components, refer to Figure 6.3-3)
	(Ref.)	2	MOTOR, Wheel drive (Equipped with Motor Brake)
		-	(For components, refer to Figure 6.3-3)
17	141751	4	SET SCREW, Square head, cup point (3/8-16 x 3/4, Grade 5)
18	124228	1	WELDMENT, Brake pin LH
	103940	1	• BOLT, Soc-hd 1/4-20 x 1-1/4" lg.
	104000	1	• WASHER, Lock 1/4"
	103983	1	• NUT, Jam 1/4-20
19	(Ref.)	2	CYLINDER ASSEMBLY, Brake
		-	(For components, refer to Figure 6.3-7)
20	124229	1	WELDMENT, Brake pin RH
	103940	1	• BOLT, Soc-hd 1/4-20 x 1-1/4" lg.
	104000	1	• WASHER, Lock 1/4"
	103983	1	• NUT, Jam 1/4-20
21	(Ref.)	1	POTHOLE PROTECTION DEVICE ASSEMBLY
		-	(For components, refer to Figure 6.3-2)
22	(Ref.)	1	BATTERY TRAY ASSEMBLY
		-	(For components, refer to Figure 6.5-1)
	(Ref.)	1	HYDRAULIC/ELECTRIC TRAY ASSEMBLY
		-	(For components, refer to Figure 6.4-1)

Figure 6.3-2. Pothole Protection Device

AH



M11185AD

Figure 6.3-2. Pothole Protection Device

AH

Index No.	Skyjack Part No.	Qty.	Description
1	136417	AR	COMPRESSION ROD, Assembly
2	125776	2	CAM, Lock Assembly
3	119314	2	• SPRING, Cam Lock
4	119728	4	• WASHER, Driver
5	119499	2	• LOCK, Cam
6	118778	2	• BUSHING, Cam Lock
7	118730	2	• PIN, Lever Bar Guide
8	118718	2	• DRIVER, Lock
	119843	2	• PIN, Spring 3/32 x 1-3/8
9	118729	2	• PIN, Locator
10	139698	1	• WASHER, 3/4" Flat
11	119313	8	WASHER, Flat 7/16
12	119325	8	PIN, Clotter Clip
13	100446	2	PIN, Eccentric
14	119312	6	BUSHING, 7/16 x 1/2
15	118724	2	BAR, Lever
16	118983	2	PIN, Lower Tray
17	119321	2	SPRING, Kicker
18	126709	1	WELDMENT, Hydraulic Tray Angle
19	126710	1	WELDMENT, Battery Tray Angle
20	119339	4	PIN, Angle
21	119316	16	BUSHING, 3/8 x 5/8
22	119029	2	LOCK, Tray Cam
23	119319	8	PIN, Spring 3/32 x 5/8
24	119322	2	PLATE, Kicker
25	118689	2	PIN, Kicker Clevis
26	119318	4	BUSHING, 7/16 x 3/8
27	118690	2	PIN, Lock
28	119315	2	PIN, Spring 3/32 x 7/8
Parts list continued on the following page.			

Figure 6.3-2. Pothole Protection Device (Continued)

AH

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
29	129430	2	MOUNT, Limit Switch
	103983	4	• NUT, Hex Jam 1/4"
	103995	4	• WASHER, Flat 1/4"
30	(Ref.)	1	SWITCH ASSEMBLY, Pothole device limit - Model 32xx (ANSI/CSA & CE) & Model 46xx (ANSI/CSA)
	125887	1	• SWITCH, Limit pothole battery tray
	125885	1	• SWITCH, Limit pothole hydraulic tray
	(Ref.)	1	SWITCH ASSEMBLY, Pothole device limit - Model 46xx (CE)
	133600	1	• SWITCH, Limit pothole hydraulic tray
	133601	1	• SWITCH, Limit pothole battery tray
	(Ref.)	1	SWITCH ASSEMBLY, Pothole device limit - All EE Rated Models
	126051	1	• SWITCH, Limit pothole battery tray
	126060	1	• SWITCH, Limit pothole hydraulic tray
31	104185	4	WASHER, Lock #10
32	112248	4	BOLT, Machine #8-32 x 1" lg.
33	103550	6	PLUG, Slider
34	130049	1	FLAP WELDMENT, Hydraulic Tray
35	130047	1	FLAP WELDMENT, Battery Tray
36	(Ref.)	-	HARDWARE, Flap weldment retaining
	104000	4	• WASHER, 1/4" Lock
	103995	4	• WASHER, 1/4" Flat
	103855	4	• BOLT, Hex-hd 1/4"-20 x 1/2" lg.
37	130209	4	PIN, Lever
38	132530	2	PIN, Tray spring guide
39	118992	2	MOUNT, Limit switch
	112248	4	BOLT, Machine #8 - 32 x 1" lg.
	104185	4	WASHER, Lock #10 NOM

Figure 6.3-3. Brake Reference

AH

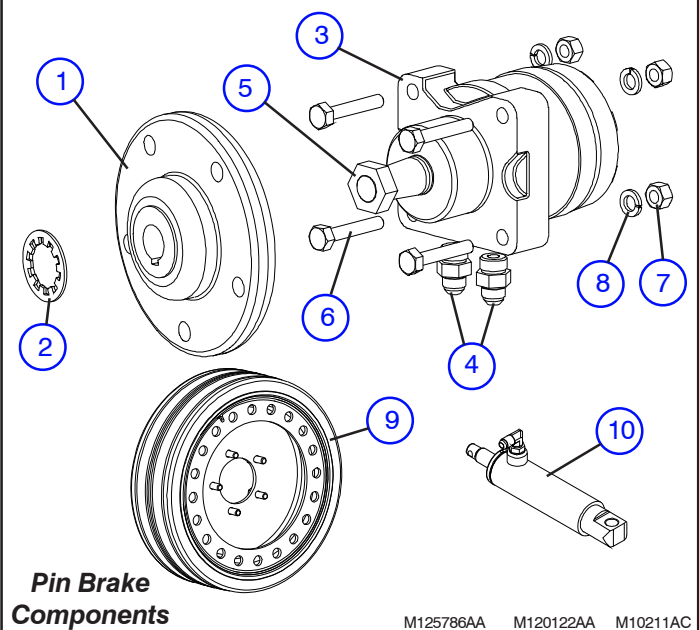
32XX Serial Number Breakdown Reference Chart				
32XX Type			Brake	
Serial No.	ANSI/CSA	CE	Pin	Disc
All Serial No.	✓	✓	✓	

M60433_1AC

46XX Serial Number Breakdown Reference Chart				
46XX Type			Brake	
Serial No.	ANSI/CSA	CE	Pin	Disc
712974 and Below	✓	✓	✓	
712975	✓		✓	
713092 to 713198	✓		✓	
713222 to 713229		✓	✓	
713230 to 713241	✓		✓	
713242 to 713275		✓	✓	
713276 to 713278	✓		✓	
713279 to 713298		✓	✓	
713299 to 713316	✓		✓	
713317 to 713318		✓	✓	
713319 to 713364	✓		✓	
713365 to 713370		✓	✓	
713372 to 713398	✓		✓	
713399 to 713403		✓	✓	
713404	✓		✓	
713405 to 713409		✓	✓	
713410 to 713436	✓		✓	
713437 to 713441		✓		✓
713442		✓	✓	
713443 to 713452		✓		✓
713453 to 713456	✓		✓	
713457 to 713466		✓		✓
713467 to 713477	✓		✓	
713478 to 713487		✓		✓
713488 to 713520	✓		✓	
713521 to 713524		✓		✓
713525	✓		✓	
713526 to 713552		✓		✓
713553 to 713574	✓		✓	
713575 to 713584		✓		✓
713585 to 713593	✓		✓	
713594 to 713604		✓		✓
713605 to 714011	✓		✓	
714012 to 714051	✓			✓
714052 to 714085	✓		✓	
714086 to 714125		✓		✓
714126 to 714137	✓		✓	
714138 to 714140		✓		✓
714141 to 714165	✓		✓	
714166 to 714303		✓		✓
714304 to 714406	✓		✓	
714407 to 714426	✓			✓
714427 to 714492	✓		✓	
714493 to 714660	✓			✓
714661 and Above	✓	✓		✓

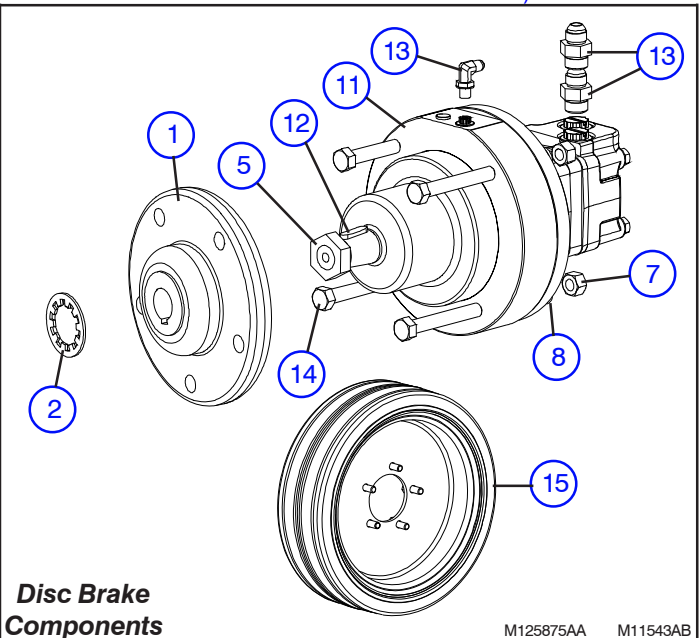
M60433AC

NOTE: PIN BRAKE use on 32XX and 46XX Machines (Refer to Serial Number Breakdown Reference Charts)



M125786AA M120122AA M10211AC

NOTE: DISC BRAKE use on 46XX Machines (Refer to Serial Number Breakdown Reference Chart)



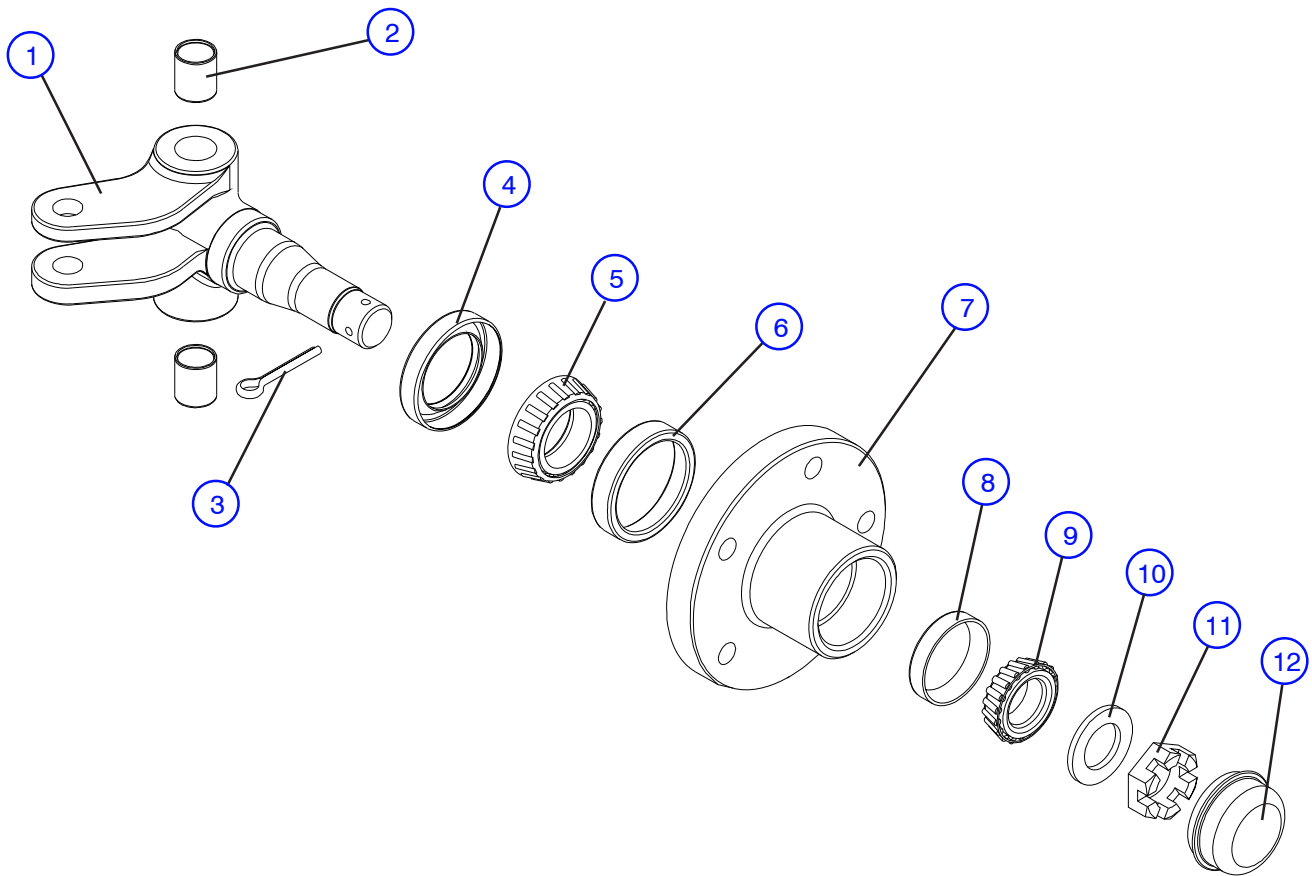
M125875AA M11543AB

Figure 6.3-3. Brake Reference

AH

Index No.	Skyjack Part No.	Qty.	Description
-	-	-	Base, Axles, and Wheels (For components, refer to Figure 6.3-1)
1	125795	1	REAR HUB ASSEMBLY
	107912	1	HUB, Rear 1-1/4" Shaft
2	103789	1	WASHER, Lock toothed 1"
3	103129	1	MOTOR, Hydraulic Wheel Drive
	104212	1	KIT, Seal
4	(Ref.)	-	FITTINGS, Hydraulic (Pin Brake) (For components, refer to Figure 6.3-9)
5	106451	1	NUT, Hex jam 1" - 20
6	108818	4	BOLT, Hex head 1/2" - 13 x 2-3/4"
7	103471	4	NUT, Hex head 1/2" - 13
8	103470	4	WASHER, Lock 1/2"
9	125786	2	WHEEL ASSEMBLY, Rear (ITL)
	132284	2	WHEEL ASSEMBLY, Rear (Carlisle)
10	(Ref.)	-	BRAKE CYLINDER ASSEMBLY (For components, refer to Figure 6.3-7)
11	134573	1	MOTOR, Wheel (with internal Disc Brake)
	139735	1	KIT, Seal
12	137462	1	KEY
13	(Ref.)	-	FITTINGS, Hydraulic (Disc Brake) (For components, refer to Figure 6.3-10)
14	125525	4	BOLT, Hex head 1/2" - 13 x 3-1/2"
15	125785	2	WHEEL ASSEMBLY, Rear (ITL)
	132285	2	WHEEL ASSEMBLY, Rear (Carlisle)

Figure 6.3-4. Front Hub & Spindle Assembly

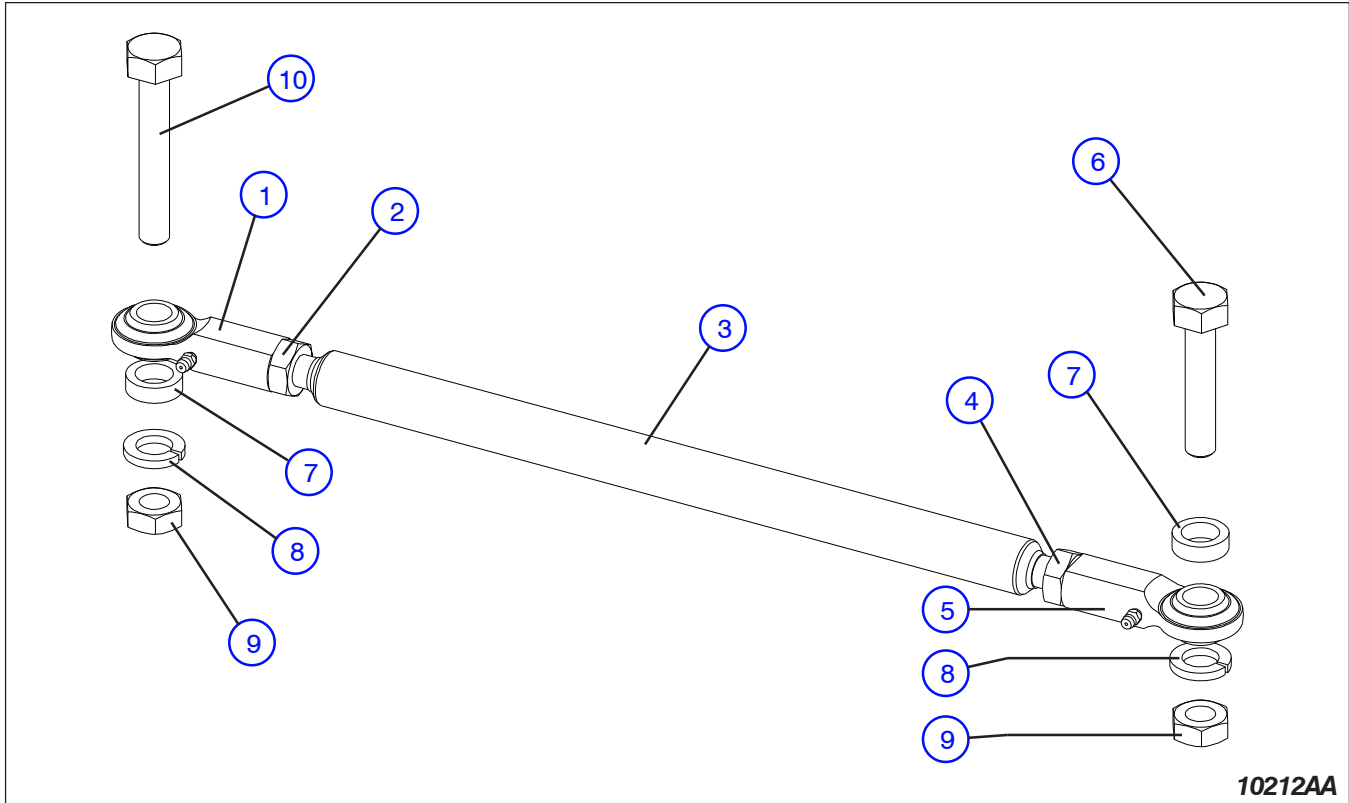


10210AA

Index No.	Skyjack Part No.	Qty.	Description
A	125792	-	FRONT HUB & SPINDLE ASSEMBLY
1	125806	1	• Spindle, Casting
2	100050	2	• BUSHING, Fiberglide
(Ref.)	107909	1	• FRONT HUB ASSEMBLY
3	103085	1	• • PIN, Cotter
4	103144	1	• • SEAL, Grease
5	103009	1	• • BEARING, Inner cone
6	102978	1	• • BEARING, Inner cup
7	102833	1	• • HUB, Front 5 bolt
8	102977	1	• • BEARING, Outer cup
9	103003	1	• • BEARING, Outer cone
10	102829	1	• • WASHER, Flat
11	102749	1	• • NUT, Castle 1" - 14
12	102865	1	• • CAP, Dust

Figure 6.3-5. Tie Rod Assembly

AH

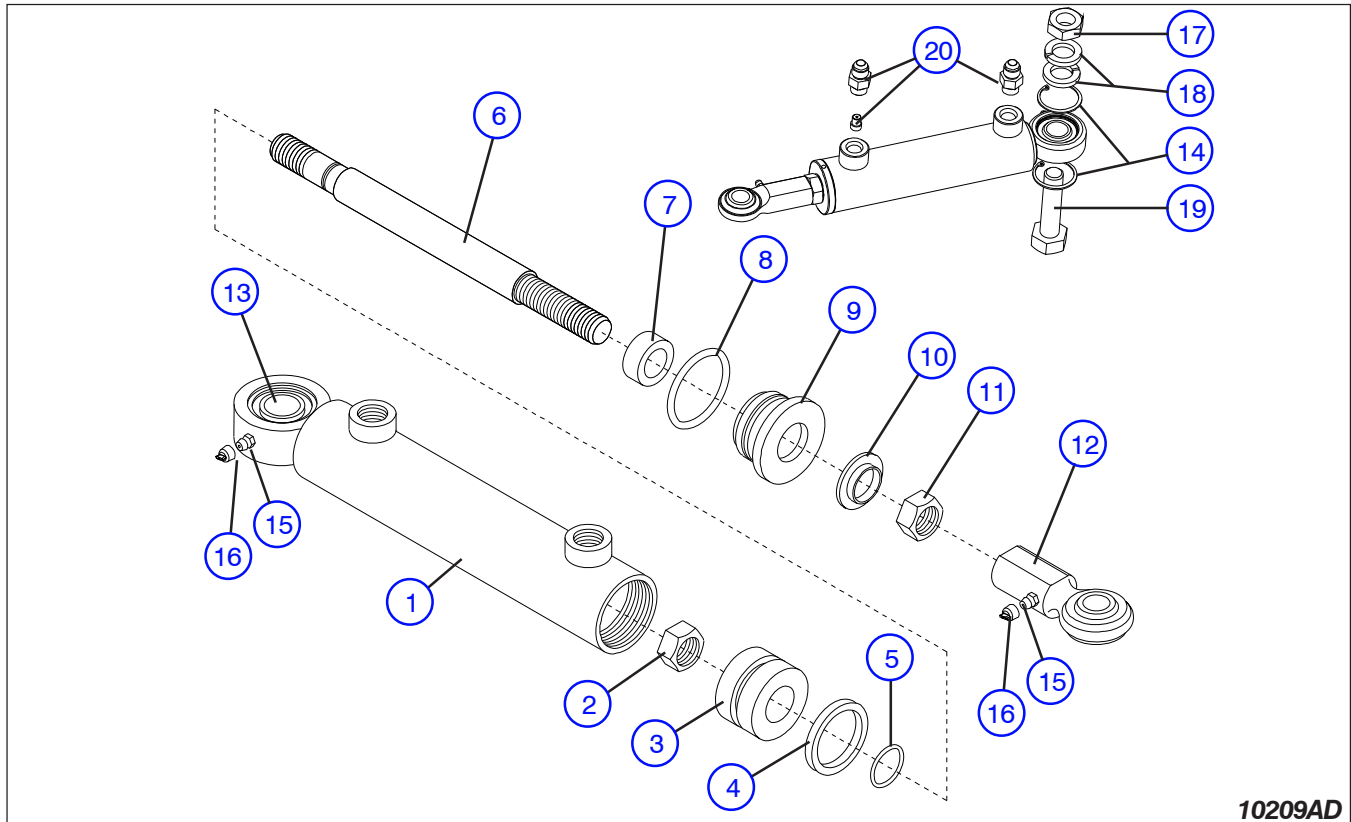


10212AA

Index No.	Skyjack Part No.	Qty.	Description
A	125728	1	TIE ROD ASSEMBLY (Model 32XX)
B	130183	1	TIE ROD ASSEMBLY (Model 46XX)
-	125472	1	• ROD, Tie, A
	130182	1	• ROD, Tie, B
1	115281	1	• • END, Female (LH Thread)
2	100855	1	• • NUT, Hex head Jam 5/8" - 18 (LH)
3	125469	1	• • BAR, Tie rod, A
	130181	1	• • BAR, Tie rod, B
4	100846	1	• • NUT, Hex head Jam 5/8" - 18 (RH)
5	100847	1	• • END, Female (RH Thread)
6	125747	1	• BOLT, Hex head 5/8" - 11 x 2 3/4"
7	100856	2	• SPACER
8	103998	2	• WASHER, Lock 5/8"
9	103982	2	• NUT, Hex head 5/8" - 11
10	107797	1	• BOLT, Hex head 5/8" - 11 x 3 1/2"

Figure 6.3-6. Steer Cylinder Assembly

AI

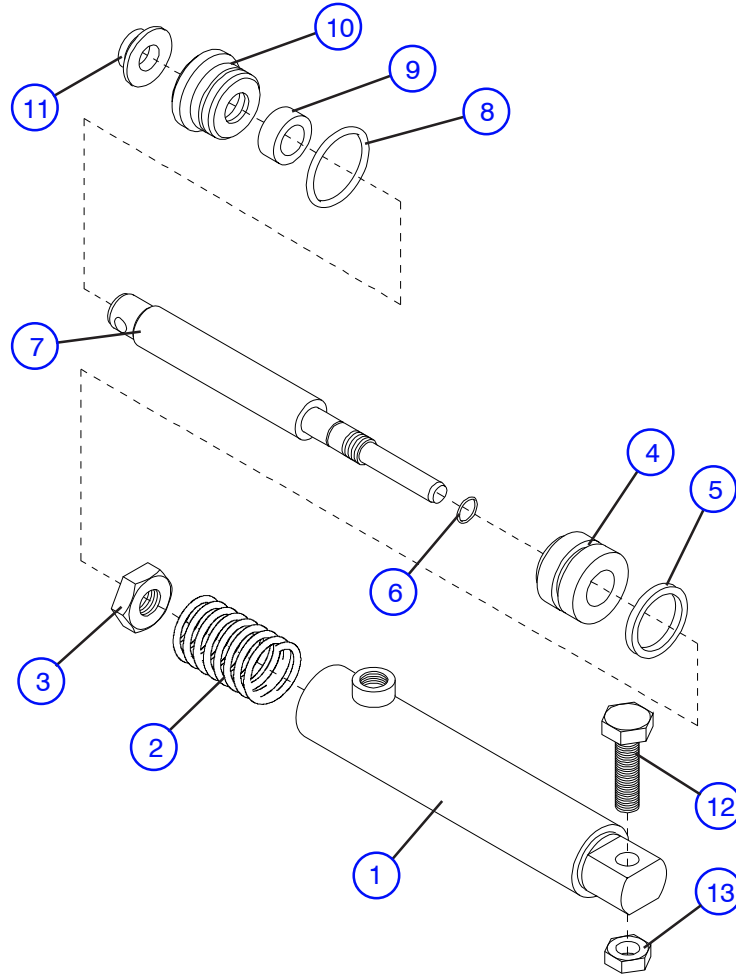


10209AD

Index No.	Skyjack Part No.	Qty.	Description
A	120236	-	CYLINDER ASSEMBLY, Steer
1	120235	1	• BARREL, Steer cylinder
2	103830	1	• NUT, Lock 5/8"-11 Gr. C
3	118844	1	• PISTON
*4	103825	1	• SEAL, Piston
*5	110976	1	• O-RING, Rod
6	117047	1	• ROD, Piston
*7	103826	1	• SEAL, Rod
*8	120436	1	• O-RING, Gland
9	120148	1	• GLAND, Cylinder
*10	103827	1	• WIPER, Rod
11	100846	1	• NUT, Jam 5/8"-18
12	100847	1	• END, Cylinder rod
13	102025	1	• BEARING, Spherical
14	104114	2	• RING, Retaining
15	103513	1	• FITTING, Grease
16	132565	2	• CAP, Grease fitting
17	100252	1	NUT, Hex head Jam 3/4" - 10
18	104002	2	WASHER, Lock 3/4"
19	119310	1	BOLT, Hex head 3/4" - 10 X 2 3/4"
20	(Ref.)	-	FITTINGS, Hydraulic (For components, refer to Figure 6.3-9 or Figure 6.3-10)
*	105816	AR	KIT, Seal repair * Part of Seal Repair Kit

Figure 6.3-7. Brake Cylinder Assembly

AH



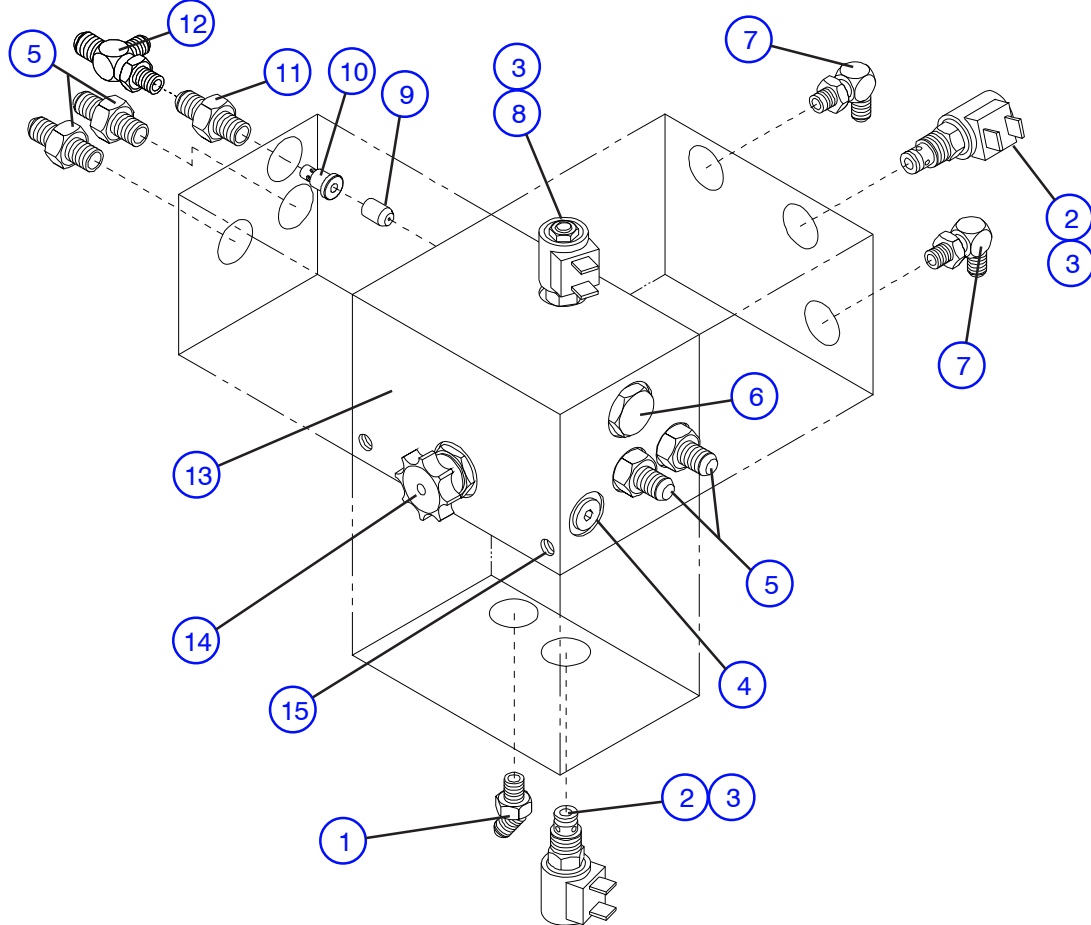
NOTE: PIN BRAKE use on 32XX and 46XX Machines (Refer to Serial Number Breakdown Reference Charts - Figure 6.3-3)

11186AA

Index No.	Skyjack Part No.	Qty.	Description
Machines Equipped with Pin Brake (Refer to Figure 6.3-3)			
A	120220	-	CYLINDER ASSEMBLY, Brake
1	120153	1	• BARREL, Brake cylinder
2	102844	1	• SPRING, Brake return
3	103830	1	• NUT, Lock 5/8"-11 Gr. C
4	121178	1	• PISTON
*5	111295	1	• SEAL, Piston
*6	110976	1	• O-RING, Rod
7	120154	1	• ROD, Brake
*8	120436	1	• O-RING, Gland
*9	103826	1	• SEAL, Rod
10	120148	1	• GLAND
*11	103827	1	• WIPER, Rod
12	103897	1	BOLT, Hex head 5/8" - 11 x 2"
13	103982	1	NUT, Hex head 5/8" - 11
*	105816	AR	KIT, Seal repair
* Part of Seal Repair Kit			

Figure 6.3-8. Rear Drive Manifold Assembly

AH



11542AA

Index No.	Skyjack Part No.	Qty.	Description
A	108301	-	MANIFOLD ASSEMBLY, Rear drive
B	136531	-	MANIFOLD ASSEMBLY, Rear drive (46XX Equipped with Disc Brake) (Refer to Figure 6.3-3 Brake Reference)
1	114580	1	• FITTING, Elbow 45° #6 orb - #6
2	103623	2	• VALVE, N.O. (speed)
3	103605	3	• COIL, 24 Volt
4	104437	1	• PLUG, O-Ring manifold
5	104402	4	• FITTING, Adapter #10 orb - #8
6	103354	1	• VALVE, Flow divider/combiner
7	114578	2	• FITTING, Elbow 90° #6 orb - #6
8	104132	1	• VALVE, N.C. (differential)
9	104434	1	• ORIFICE, 0.040" Diameter
10	137127	1	• ORIFICE, 0.020" Diameter One Way B
11	139223	1	• FITTING, Straight Connector -#6 SAE -#4 JIC B
12	114581	1	• FITTING, Tee #6 orb - #6 - #6 A
13	108195	1	• BLOCK, Manifold
	108052	8	• • PLUG, Expander
14	103136	1	• VALVE, Free-wheeling
15	103874	2	BOLT, Hex head 3/8" - 16 x 2-3/4" lg.
	126028	2	SPACER, Tube (Model 3220 only)
	103999	2	WASHER, Lock 3/8"
	103472	2	WASHER, Flat 3/8" S.A.E.

Figure 6.3-9. Hydraulic Hose Connections (Pin Brake)
32XX and 46XX Machines (For Serial No. Breakdown Refer to Figure 6.3-3)

AH

NOTE: PIN BRAKE use on 32XX and 46XX Machines (Refer to Serial Number Breakdown Reference Charts - Figure 6.3-3)

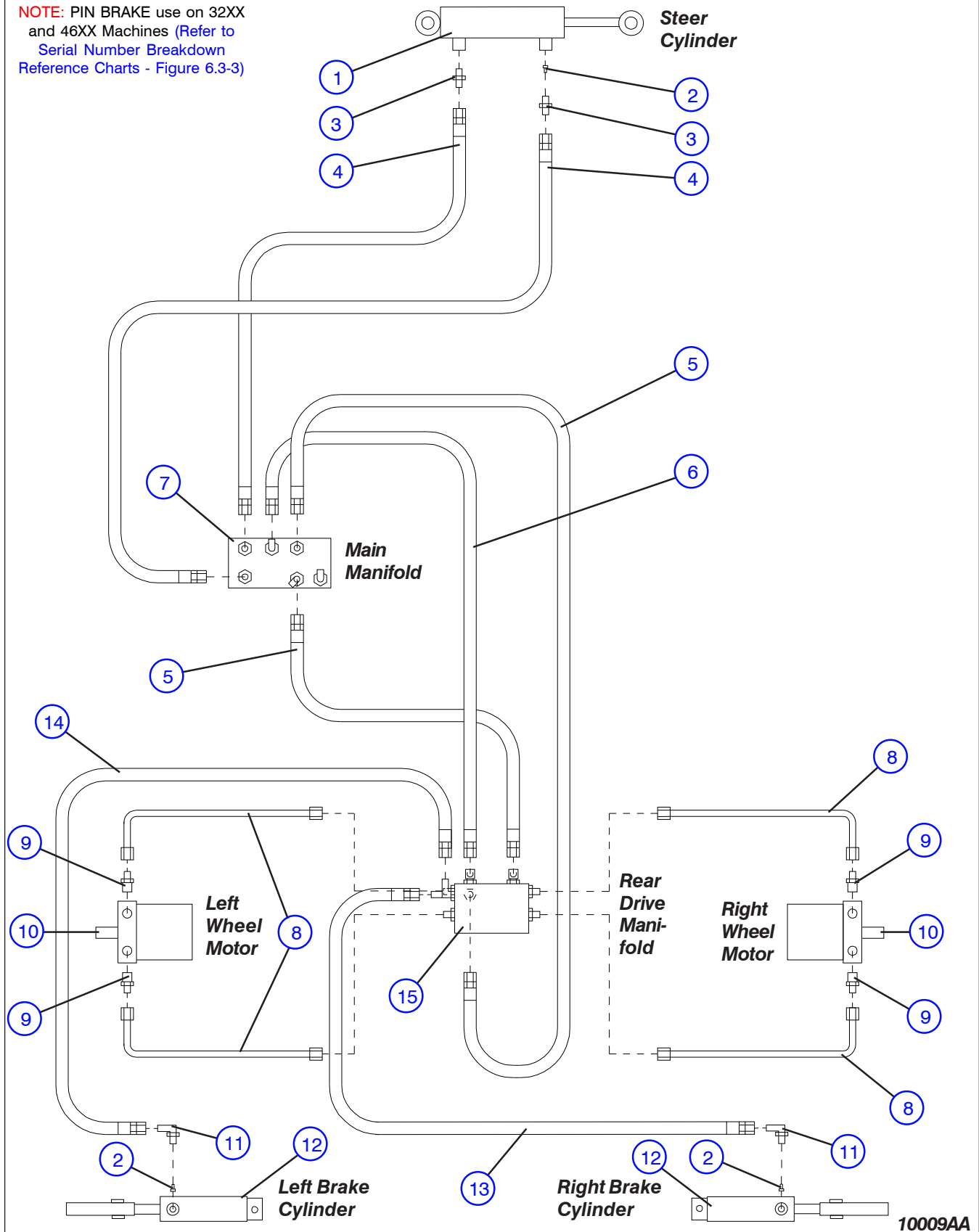


Figure 6.3-9. Hydraulic Hose Connections (Pin Brake)
32XX and 46XX Machines (For Serial No. Breakdown Refer to Figure 6.3-3)

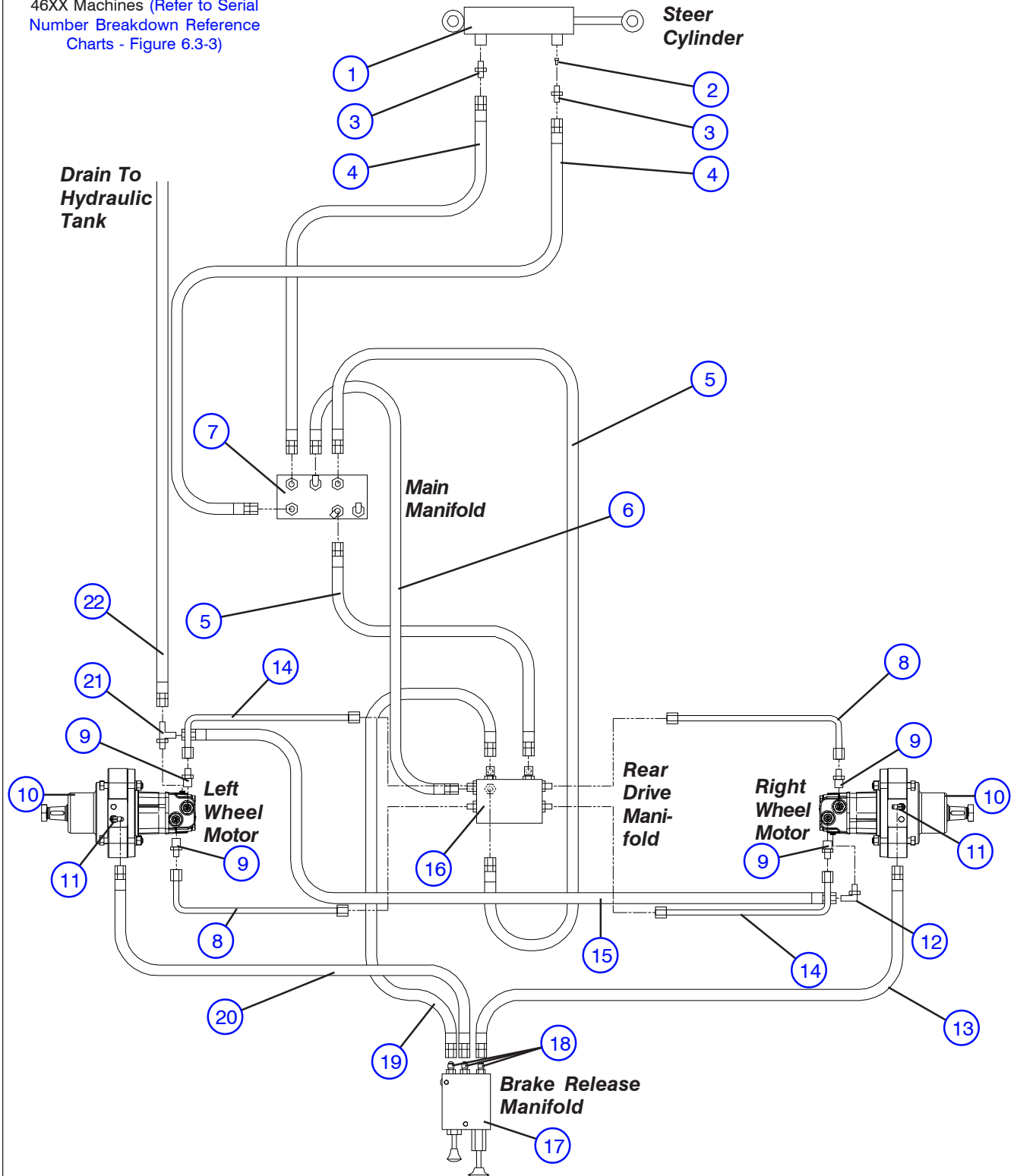
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Index No.	Skyjack Part No.	Qty.	Description
			Machines Equipped with Pin Brake (Refer to Figure 6.3-3)
1	(Ref.)	-	CYLINDER ASSEMBLY, Steer (For components, refer to Figure 6.3-6)
2	105811	3	ORIFICE, .040 Diameter
3	103069	2	FITTING, Connector #6 orb - #6
4	119833	2	HOSE ASSEMBLY, Steer
5	102611	2	HOSE ASSEMBLY, Drive (Model 32XX)
	104656	2	HOSE ASSEMBLY, Drive (Model 46XX)
6	104487	1	HOSE ASSEMBLY, Brake supply (Model 32XX)
	104659	1	HOSE ASSEMBLY, Brake supply (Model 46XX)
7	(Ref.)	1	MANIFOLD ASSEMBLY, Main (For components, refer to Figure 6.4-4)
8	125497	4	TUBE ASSEMBLY, Drive motor (Model 32XX)
	130248	4	TUBE ASSEMBLY, Drive motor (Model 46XX)
9	103071	4	FITTING, Adapter #10 orb - #8
10	(Ref.)	2	MOTOR, Hydraulic drive (For components, refer to Figure 6.3-3)
11	114578	2	FITTING, Elbow 90° #6 orb - #6
12	(Ref.)	1	CYLINDER ASSEMBLY, Brake (For components, refer to Figure 6.3-7)
13	102540	1	HOSE ASSEMBLY, Brake RH
	119451	1	HOSE ASSEMBLY, Brake RH (Model 46XX)
14	126015	1	HOSE ASSEMBLY, Brake LH
15	(Ref.)	1	MANIFOLD ASSEMBLY, Rear drive (For components, refer to Figure 6.3-8)
		-	

**Figure 6.3-10. Hydraulic Hose Connections (Disc Brake)
46XX Machines (For Serial No. Breakdown Refer to Figure 6.3-3)**

AH

NOTE: DISC BRAKE use on
46XX Machines (Refer to Serial
Number Breakdown Reference
Charts - Figure 6.3-3)



11544AA

Figure 6.3-10. Hydraulic Hose Connections (Disc Brake)
46XX Machines (For Serial No. Breakdown Refer to Figure 6.3-3)

AH

Index No.	Skyjack Part No.	Qty.	Description
			Machines Equipped with Disc Brake (Refer to Figure 6.3-3)
1	(Ref.)	-	CYLINDER ASSEMBLY, Steer
		-	(For components, refer to Figure 6.3-6)
2	105811	1	ORIFICE, .040 Diameter
3	103069	2	FITTING, Connector #6 orb - #6
4	119833	2	HOSE ASSEMBLY, Steer
5	104656	2	HOSE ASSEMBLY, Drive
6	137175	1	HOSE ASSEMBLY, Brake supply
7	(Ref.)	1	MANIFOLD ASSEMBLY, Main
		-	(For components, refer to Figure 6.4-4)
8	136569	2	HOSE ASSEMBLY, Wheel Motor
9	103071	4	FITTING, Adapter #10 orb - #8
10	(Ref.)	2	MOTOR, Wheel, With Disc Brake
			(For components, refer to Figure 6.3-3)
11	125883	1	FITTING, 90° Elbow 04MJ04MB
12	113348	1	FITTING, 90° Elbow #515-6-4
13	136573	1	HOSE ASSEMBLY, Right Brake
14	136568	2	HOSE ASSEMBLY, Wheel Motor
15	136576	1	HOSE ASSEMBLY, Right Motor Drain
16	(Ref.)	1	MANIFOLD ASSEMBLY, Rear drive
		-	(For components, refer to Figure 6.3-8)
17	136540	1	MANIFOLD, Brake Release
	125741	2	• BOLT, Hex Head 3/8"-16 x 7/8" gr8
	101632	2	• BOLT, Hex Head 3/8"-18 x 3/4" gr5
	103472	2	• WASHER, Flat 3/8"
	103999	2	• WASHER, Lock 3/8"
18	126128	3	FITTING, Hydraulic
19	136572	1	HOSE ASSEMBLY, Brake Release Manifold
20	136574	1	HOSE ASSEMBLY, Left Brake
21	121602	1	FITTING, Tee #6804 -06-04-06
22	138133	1	HOSE ASSEMBLY, Main Case Drain

Figure 6.3-11. Base Control Box Option

AF

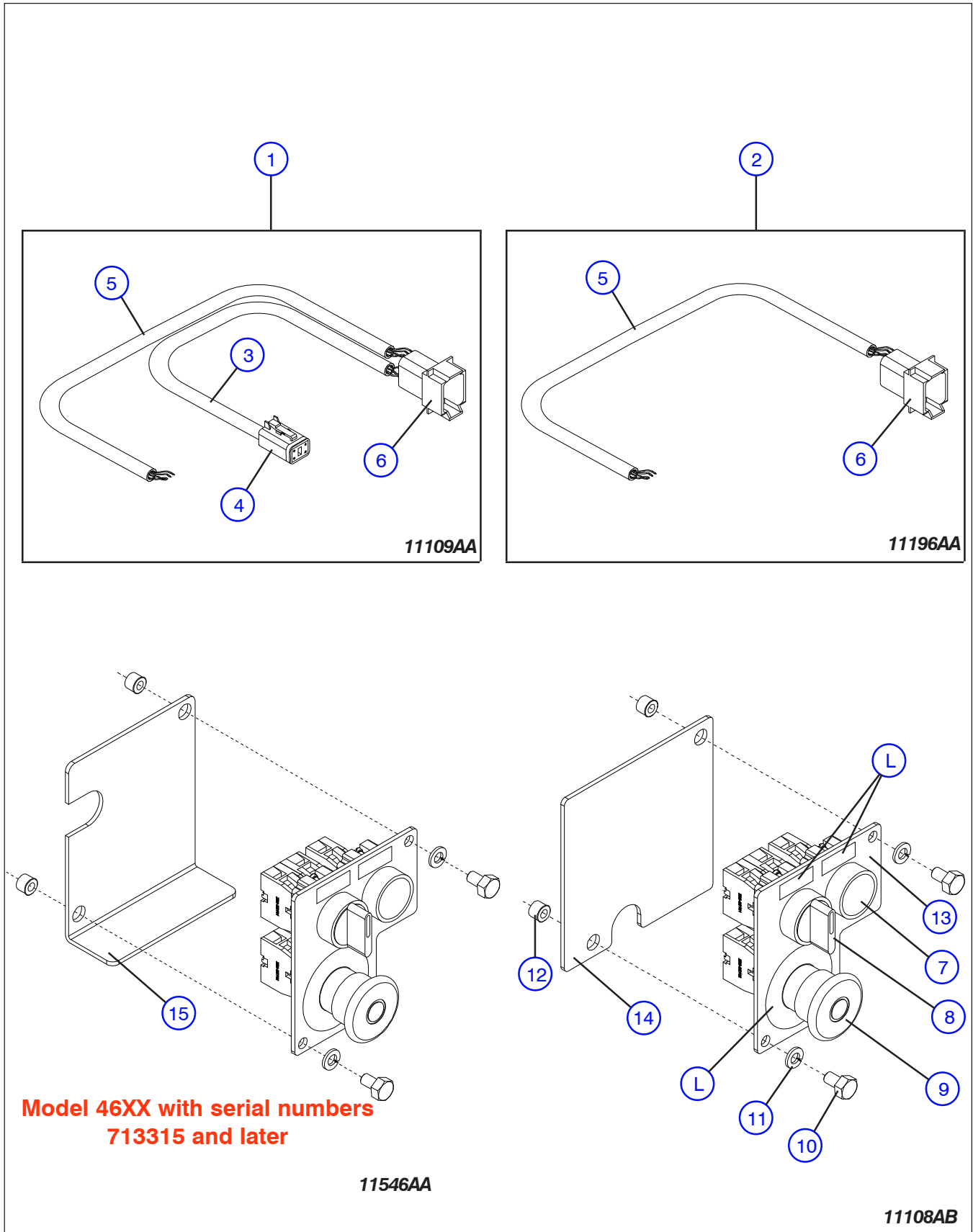


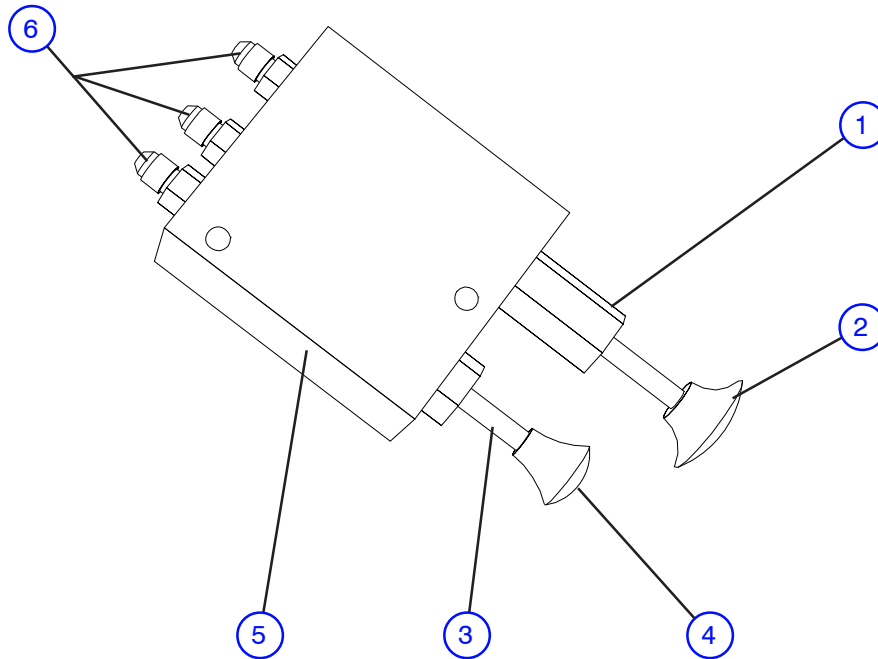
Figure 6.3-11. Base Control Box Option

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Index No.	Skyjack Part No.	Qty.	Description
A	131956	-	BOX ASS'Y, Base control (ANSI/CSA)
B	130863	-	BOX ASS'Y, Base control (CE)
C	136535	-	BOX ASS'Y, Base control (46XX with serial numbers 713315 and above)
1	132174	1	• HARNESS, Switches to Electrical Panel, A
2	132207	1	• HARNESS, Switches to Electrical Panel, B
3	103257	12"	• • CORD, 18/3, A
4	119131	1	• • KIT-4 POLE, Deutsch plug, A
5	103255	20.3"	• • CORD, Cabtire 18/4, A
	103260	20.3"	• • CORD, Cabtire 18/5, B
6	119132	1	• • KIT-8 POLE, Deutsch plug
7	(Ref)	-	• • ASSEMBLY, Enable Switch
	108854	1	• • • HEAD, Push Button Switch
	103100	1	• • • BASE, Contact
	103141	1	• • • SWITCH, Single Normally Open
	103225	1	• • • SWITCH, Single Normally Closed, A
8	(Ref)	-	• • ASSEMBLY, Up/Down Switch
	102837	1	• • • HEAD, Selector Switch
	103100	1	• • • BASE, Contact
	103141	2	• • • SWITCH, Single Normally Open
9	(Ref.)	-	• ASSEMBLY, Emergency Switch, B
	102769	1	• • HEAD, Emergency Stop Switch
	103281	1	• • CONTACT, Single Normally Close
	103100	1	• • BASE, Contact Block
	103225	1	• • 1-CONTACT BLOCK, N.C.
	102956	1	• PLUG, Snap in 7/8", A
10	127284	2	• BOLT, Hex Hd 1/4-20 x 2.5" Gr. 5
11	104000	2	• WASHER, Lock 1/4"
12	131954	2	• INSERT, Threaded 1/4"-20
13	130862	1	• PLATE, Front Base Control Mount
14	132701	1	• PLATE, Rear Cover A, B
15	134766	1	• PLATE, Rear Cover C
L	(Ref.)	1	• LABELS
		-	(Refer to Figure 6.8-3)

Figure 6.3-12. Brake Release Manifold Assembly

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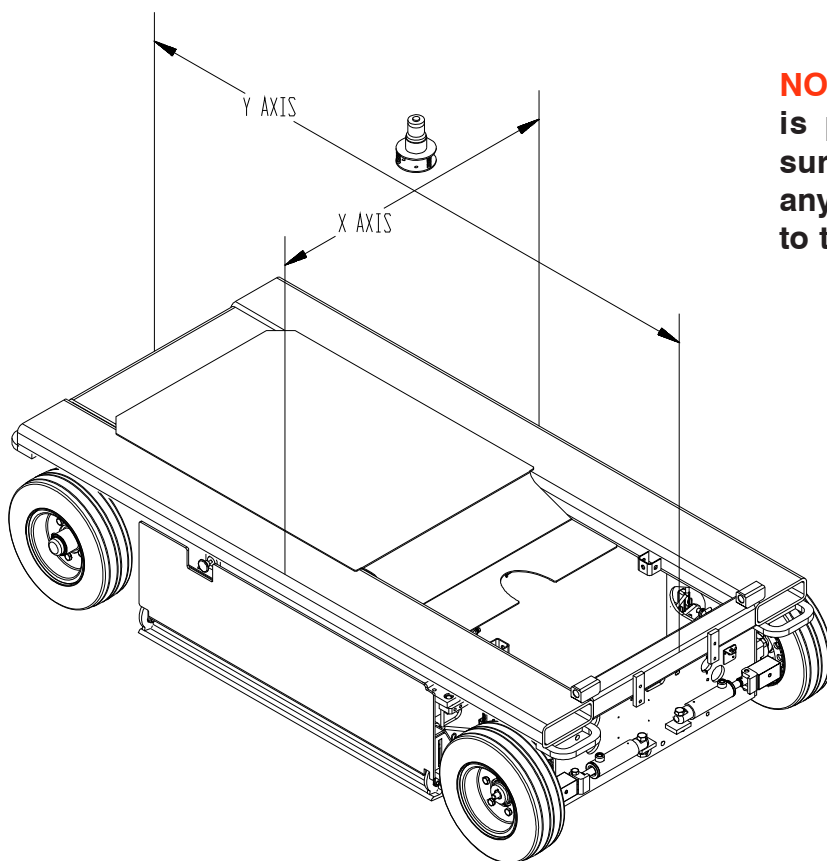
Index No.	Skyjack Part No.	Qty.	Description
-	136540	-	BRAKE RELEASE MANIFOLD ASSEMBLY
1	146559	1	• PUMP ASSEMBLY
2	146560	1	• • HANDLE, Pump
3	146561	1	• VALVE ASSEMBLY
4	146562	1	• • HANDLE, Valve
5	146563	1	• BLOCK, Brake manifold
6	701954	3	• FITTING, Straight (4 JIC)
-	146564	1	KIT, Seal

Figure 6.3-13. Tilt Usage Chart

AI

Model	ANSI Models			CE Models			AS Models		
	Serial Numbers	Tilt switch (X Axis° x Y Axis°)		Serial Numbers	Tilt switch (X Axis° x Y Axis°)		Serial Numbers	Tilt switch (X Axis° x Y Axis°)	
		124138 (1.5° x 3.5°)	117880 (2.5° x 4.5°)		124138 (1.5° x 3.5°)	117880 (2.5° x 4.5°)		124138 (1.5° x 3.5°)	118058 (1° x 2°)
3220	From 610500 to present	X		From 611631 to 615052	X		From 610500 to present	X	
3226	From 27013 to present	X		From 27013 to 270981	X		From 27013 to present		X
4620	From 710000 present		X	From 66703 to 66871		X	From 710000 present	X	
4626			X	From 706569 to 709312	X			X	
4632			X	Not Applicable					

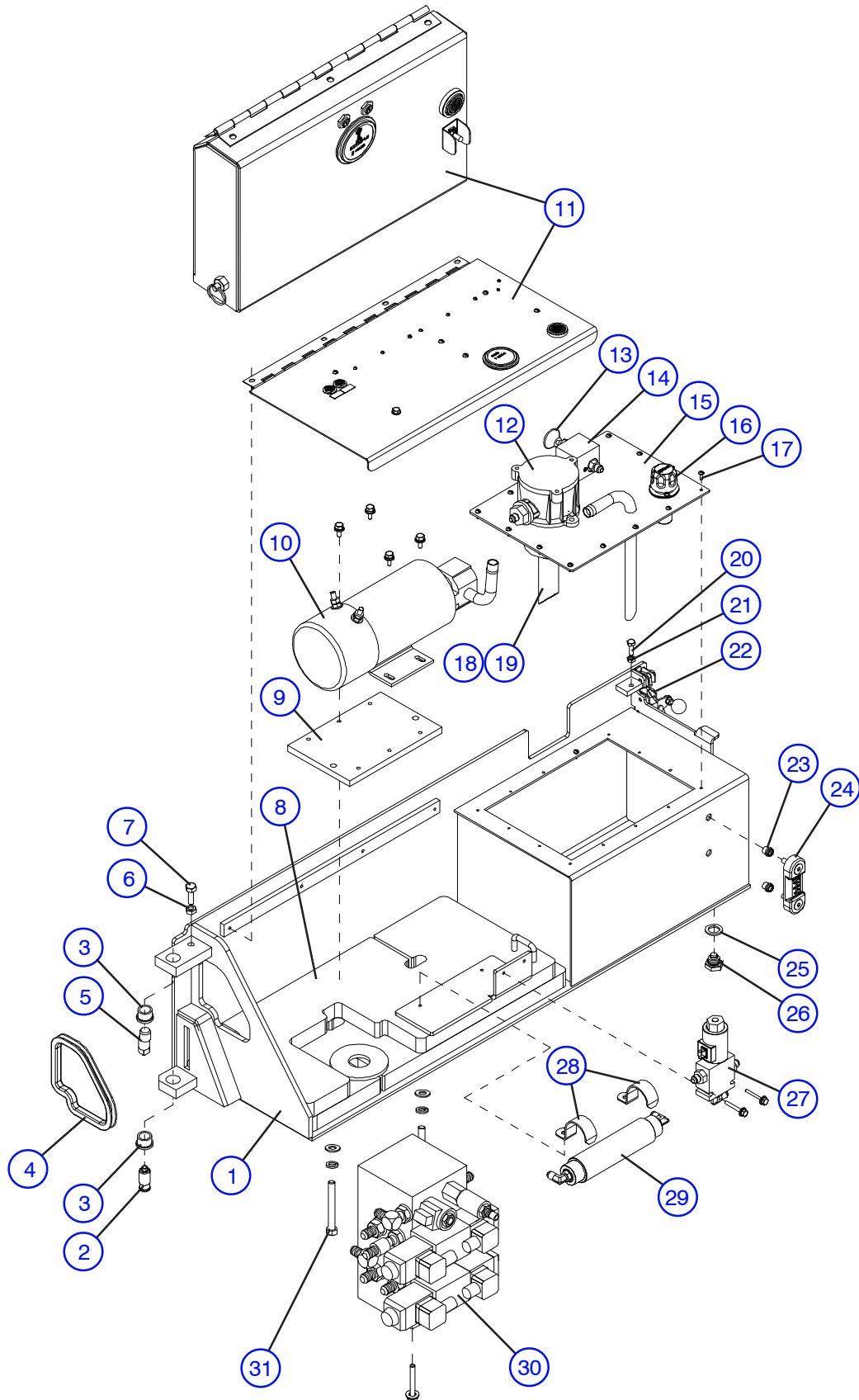
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NOTE: Ensure the platform is parked on a flat level surface before performing any adjustments or repairs to the tilt switch assembly.

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Figure 6.4-1. Hydraulic/Electric Tray Assembly



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Figure 6.4-1. Hydraulic/Electric Tray Assembly

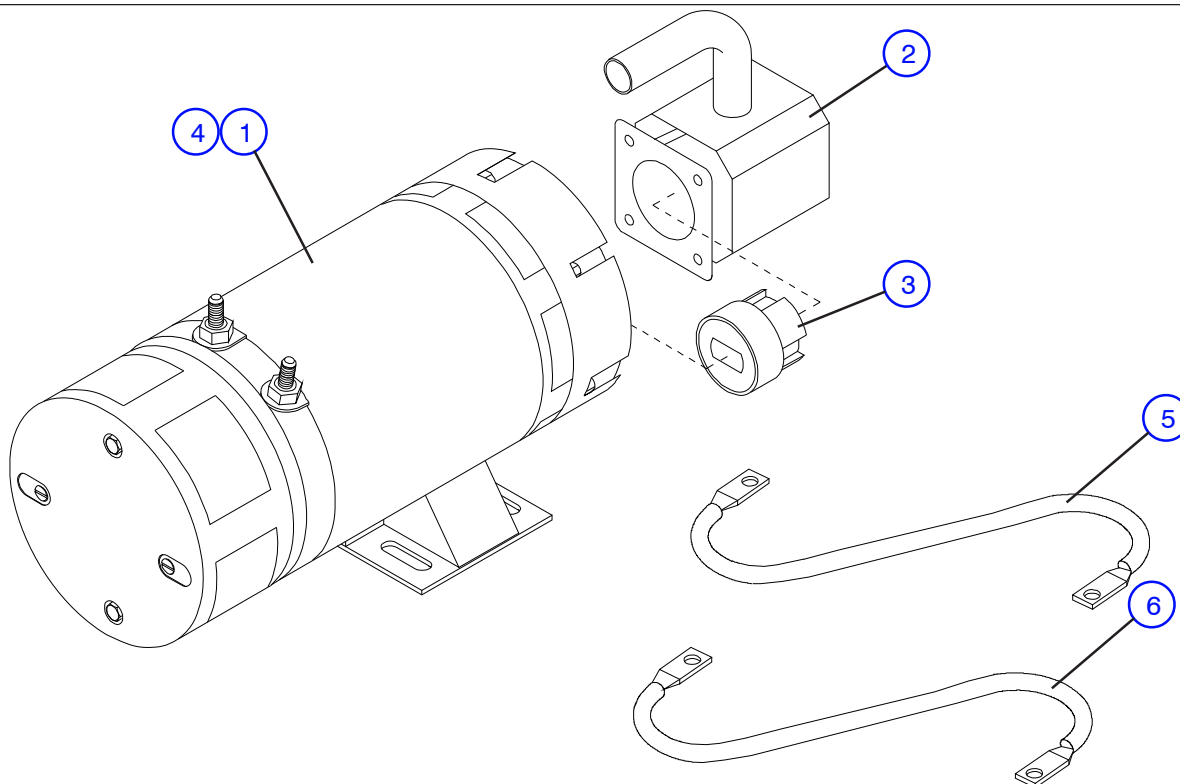
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Index No.	Skyjack Part No.	Qty.	Description
1	125443	1	WELDMENT, Hydraulic/electric tray (Standard)
	125735	1	WELDMENT, Hydraulic/electric tray (EE-Rated)
2	118983	1	PIN, Tray Bottom
3	100335	2	BUSHING, Bronze
4	125821	1	TRIM, Protective
5	100446	1	PIN, Tray Upper Eccentric
6	107949	1	NUT, Hex Jam 1/2"-13
7	125798	1	BOLT, Carriage 1/2"-13 x 1.5" Gr. 5
8	132767	1	ASSEMBLY, Weight (If equipped with Internal Compensator Valve)
	125426	1	ASSEMBLY, Weight (If equipped with External Compensator Valve)
9	119020	1	PLATE, Motor mounting
	127060	2	• BOLT, Hex-hd 1/2" - 13 x 4" lg. Gr.5
	103468	2	• WASHER, Flat 1/2"
	103470	2	• WASHER, Lock 1/2"
10	(Ref.)	1	ASSEMBLY, Pump and Motor
	-	-	(For components, refer to Figure 6.4-2)
	103887	4	• BOLT, Hex-hd 5/16 - 18 x 3/4" lg.
	103404	4	• WASHER, Flat 5/16"
11	103996	4	• WASHER, Lock 5/16"
	(Ref.)	1	ASSEMBLY, Electrical Panel
12	-	-	(For component, refer to Figures 6.6-1, or 6.6-2)
	112495	4	• BOLT, Hex head .25 - 20 x 3/8" lg.
	109568	1	ASSEMBLY, Filter Return
	103864	2	• BOLT, Hex-hd 5/16-18 x 1" lg.
	104254	1	• ELEMENT, Filter
	123022	1	• SEAL, Filter Assembly
	123021	1	• COVER, Filter Assembly
	123020	1	• SPRING, Filter Assembly
	122973	1	• CASTING, Aluminum
	121571	1	• SCREW, Set
	122969	3	• BOLT, Washer Combined
	122968	1	• CASING, Filter
	109052	1	• FITTING, Connector
	112495	4	• BOLT, Hex head .25 - 20 x 3/8" lg.
13	107271	1	VALVE, Pull-type lowering
14	107493	1	MANIFOLD, Lowering valve
	103069	1	• FITTING, Connector
15	109267	1	COVER, Hydraulic tank
16	102693	1	CAP W/GASKET, Filler/breather
	103962	3	• SCREW, Machine #10-32 x 1/2" lg.
Parts list continued on the following page.			

Figure 6.4-1. Hydraulic/Electric Tray Assembly (Continued)

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
17	103962	14	SCREW, Machine #10-32 x 1/2" lg.
18	103320	1	CLAMP, Worm #16
19	102918	1	HOSE, Tank 1"
20	125800	1	SCREW, Slotted Round Head 3/8"-16 x 1" Gr. 5
21	108575	1	NUT, Hex Jam 3/8"-16 Gr. B
22	111954	1	LATCH ASSEMBLY, Hydraulic/Electric Tray
	102780	1	• LATCH, Tray
	111534	1	• KNOB, Latch
	103857	1	• BOLT, Hex-hd 1/4-20 x 1" Gr. 5.
	104000	1	• WASHER, Lock 1/4"
	103864	3	• BOLT, Hex-hd 5/16-18 x 1" Gr. 5
	103404	3	• WASHER, Lock 5/16" Gr. 5
	103980	1	• NUT, Hex Hd 1/4"-20 Gr. 5
23	124311	2	INSERT, Threaded (Not Needed if Ordering Gauge Assembly)
24	103236	1	GAUGE, Oil level/temperature
25	120190	1	SEAL, Magnetic drain plug
26	117701	1	PLUG, Magnetic drain
27	(Ref.)	1	ASSEMBLY, Proportional Control Manifold
		-	(For components, refer to Figure 6.4-4)
	103860	2	• BOLT, Hex-hd 1/4"-20 x 1.75" Gr. 5
	103995	2	• WASHER, Flat 1/4"
	104000	2	• WASHER, Lock 1/4"
28	102971	2	BRACKET, Cylinder mounting
	103855	2	• BOLT, Hex-hd 1/4" - 20 x 1/2" Gr. 5
	104000	2	• WASHER, Lock 1/4"
	103995	2	• WASHER, Flat 1/4"
29	124291	1	CYLINDER, Cushion
30	(Ref.)	-	MANIFOLD ASSEMBLY, Main
		-	(For components, refer to Figure 6.4-5)
	103873	1	• BOLT, Hex-hd 3/8" - 16 x 2 1/2" Gr. 5
	103472	1	• WASHER, Flat 3/8"
	103999	1	• WASHER, Lock 3/8"
31	133940	2	BOLT, Hex head 1/2"-13 x3-3/4" Grd. 5
			NOTE: For Pothole Protection Device Parts, Refer to Figure 6.3-2

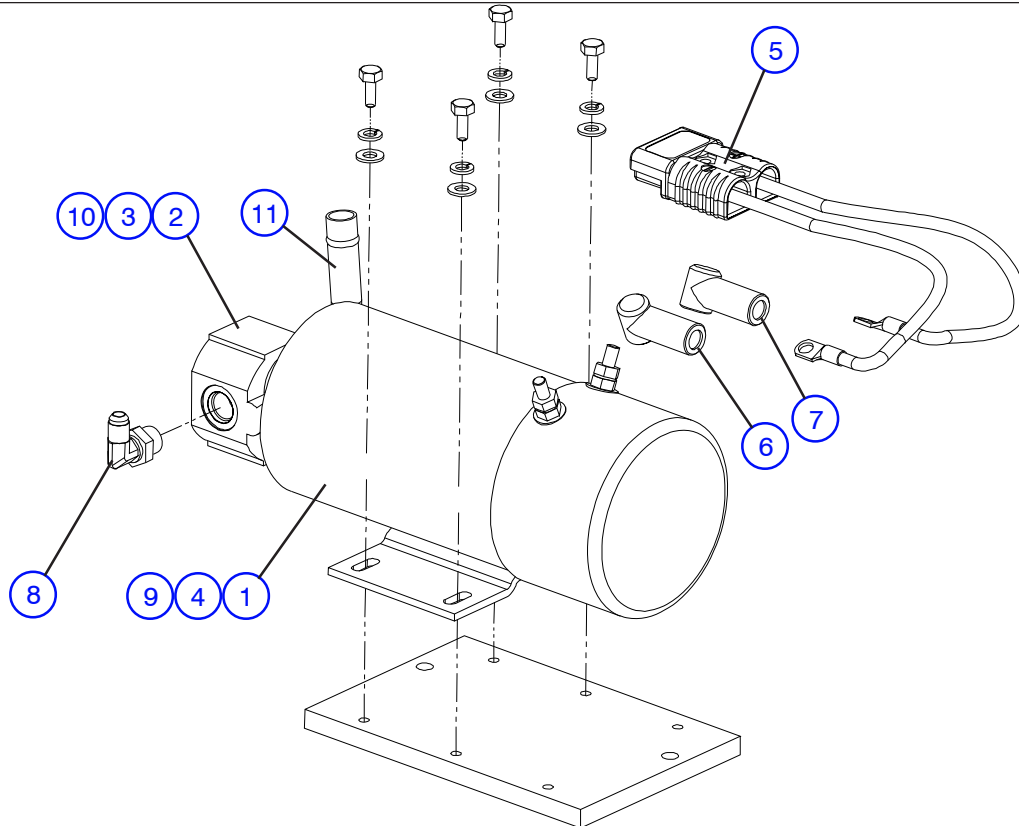
Figure 6.4-2. Pump And Motor Assembly - ANSI/CSA & CE Models (Except EE Rated)



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Index No.	Skyjack Part No.	Qty.	Description
A	123475	1	PUMP & MOTOR ASSEMBLY (Model 3220/4620)
B	123476	1	PUMP & MOTOR ASSEMBLY (Model 3226/4626/4632)
1	123477	1	MOTOR, 24 Volt DC
2	106577	1	PUMP, Hydraulic, A
	106587	1	PUMP, Hydraulic, B
	103845	4	• BOLT, Hex-hd 5/16"-18 x 1/2" lg.
	103996	4	• WASHER, Flat 5/16"
	103404	4	• WASHER, Lock 5/16"
3	703183	1	COUPLER (includes seals)
4	(Ref.)	1	HARDWARE, Motor Replacement
	122967	1	• BRUSH KIT (Includes Brushes and Springs)
5	124323	1	CABLE, Motor/Main Contactor #4Ga 5/16" x 35" x 3/8"
6	(Ref.)	1	CABLE, Motor/Battery (For components, refer to Figure 6.5-1)

Figure 6.4-3. Pump And Motor Assembly - ANSI/CSA EE Rated

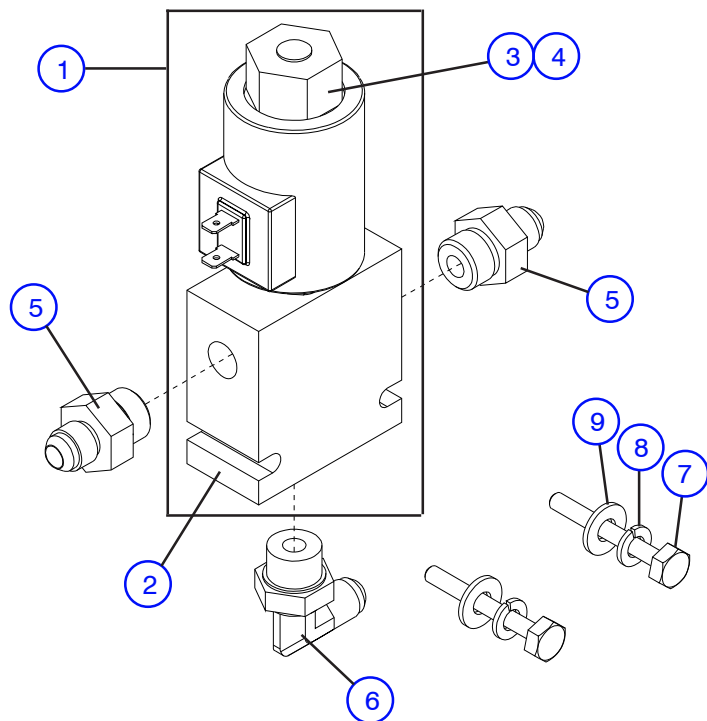


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Index No.	Skyjack Part No.	Qty.	Description
A	132053	1	PUMP & MOTOR ASSEMBLY
1	123477	1	MOTOR, 24 Volt DC
2	129961	1	PUMP, Hydraulic
3	703183	1	COUPLER
4	(Ref.)	1	HARDWARE, Motor Replacement
	122967	1	• BRUSH KIT (Includes Brushes and Springs)
5	132288	1	ASSEMBLY, Cable and Connector
	103148	24"	• CABLE, Welding #4
	102938	2	• TERMINAL, Battery 3/8" 4 Ga
	105534	1	• CONNECTOR, 2-Prong 175A Grey
6	117407	1	INSULATOR, Black Boot
7	117408	1	INSULATOR, Red Boot
8	(Ref.)	1	FITTING, Hydraulic Hose Connections (For components, refer to Figure 6.4-6)
9	129962	1	KIT, Motor Band
10	129964	1	KIT, Pump Seal
11	129963	1	TUBE, Inlet

Figure 6.4-4A. Proportional Control Manifold Assembly - **Equipped with Internal Compensator Valve**

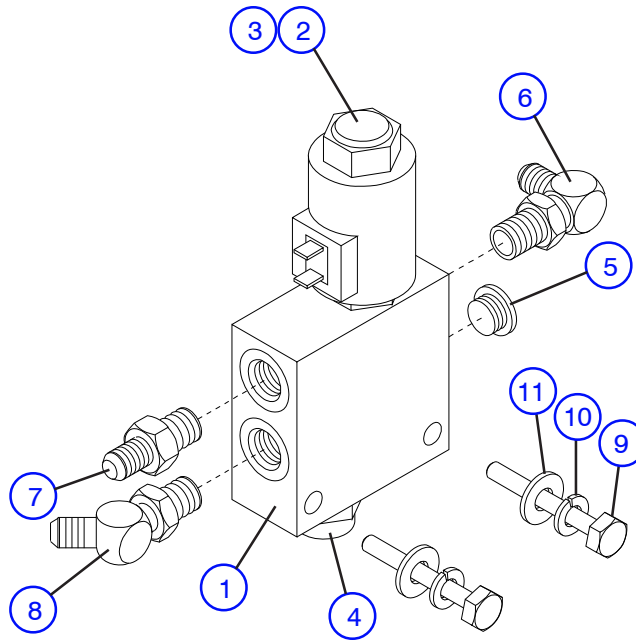
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Index No.	Skyjack Part No.	Qty.	Description
A	132761	1	ASSEMBLY, Proportional Control Valve Manifold (Internal Compensator Valve)
1	132750	1	• ASSEMBLY, Block/Valve/Coil
2	132748	1	• • BLOCK, Proportional Manifold
3	132749	1	• • VALVE, Proportional Flow Control
4	115370	1	• • COIL, 24 Volt
5	103070	2	• FITTING, Straight Connector
6	102665	1	• FITTING, Elbow Connector
7	103860	2	BOLT, Hex Hd 1/4"-20 x 1.75" Gr. 5
8	104000	2	WASHER, Lock 1/4"
9	103995	2	WASHER, Flat 1/4"

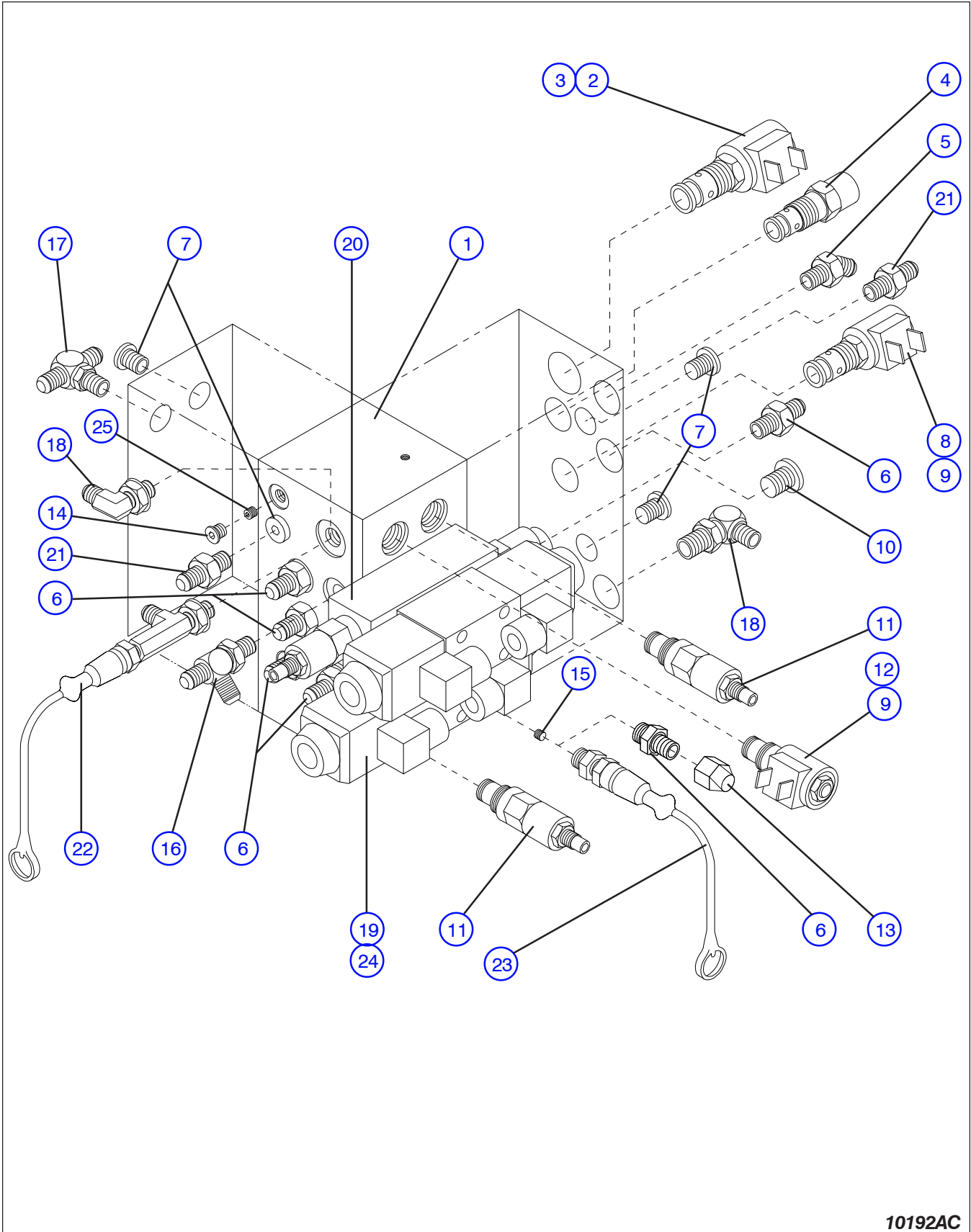
Figure 6.4-4B. Proportional Control Manifold Assembly - Equipped with External Compensator Valve



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Index No.	Skyjack Part No.	Qty.	Description
A	115310	1	ASSEMBLY, Proportional control Valve Manifold (External Compensator Valve)
1	115349	1	• BLOCK, Proportional manifold
2	115351	1	• VALVE, Proportional
3	115370	1	• COIL, 24 Volt (proportional valve)
4	115382	1	• VALVE, Pressure compensator
5	115320	1	• PLUG, Soc-hd #8orb
6	102665	1	FITTING, Elbow 90° #8orb-#6
7	103070	1	FITTING, Connector #8orb-#8
8	102665	1	FITTING, Elbow 90° #8orb-#6
	126332	1	FITTING, Elbow 45° #8orb-#6 (Used on some later models)
9	103596	2	BOLT, Hex Hd 3/8"-16 x 2.0" Gr. 5
10	103999	2	WASHER, Lock 3/8"
11	103472	2	WASHER, Flat 3/8"

Figure 6.4-5. Main Manifold Assembly



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Figure 6.4-5. Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	122272	1	MANIFOLD ASSEMBLY, Main
B	124253	-	• ASSEMBLY, Manifold (Without directional valves)
1	107354	1	• • BLOCK, Main manifold
	108052	9	• • • PLUG, Expander
2	106273	1	• • VALVE, 3-Way (lift)
3	105610	1	• • COIL, 24 Volt
4	104133	1	• • VALVE, Counterbalance
5	114580	1	• • FITTING, O ring fitting 45° #6 orb - #6
6	103069	AR	• • FITTING, Connector #6 orb - #6
7	104437	6	• • FITTING, Plug #6
8	103623	1	• • VALVE, 3-Way (brake)
9	103605	2	• • COIL, 24 Volt
10	115320	1	• • FITTING, Plug #8
11	104534	2	• • VALVE, Relief
12	103655	1	• • VALVE, N.C. (lowering)
13	107666	1	• • FITTING, Cap nut
14	102856	1	• • FITTING, Plug #3 (Model 32XX only)
15	104419	1	• • FITTING, 1/16" NPT Plug
16	114581	1	• • FITTING, Tee #6 orb - #6 - #6
17	114579	1	• • FITTING, Tee #6 orb - #6 - #6
18	114578	2	• • FITTING, Elbow
19	128798	2	• VALVE ASS'Y, 24 Volt "HytoS" (Drive & Steer)
	128317	1	• • VALVE ASSEMBLY, 12V Spool
	128320	2	• • • COIL, 24 Volt
	103920	4	• • BOLT, Socket head #10 - 24 x 2" Gr. 5
20	(Ref.)	1	VALVE ASSEMBLY, Drive cross over relief (Option)
	121877	1	• MANIFOLD W/RELIEF VALVES, Cross-over
	103923	4	• BOLT, Socket head #10 - 24 x 3.5" Gr. 5
21	701956	2	FITTING, Connector (Equipped with powered extension platform)
22	122427	1	KIT, Quick Disconnect (If Equipped)
	122385	1	• QUICK DISCONNECT, Coupler
	114521	1	• COVER, Quick disconnect dust
	122364	1	• FITTING, Tee #6 - #6 - #6
23	122420	1	KIT, Quick Disconnect (If Equipped)
	122385	1	• QUICK DISCONNECT, Coupler
	114521	1	• COVER, Quick disconnect dust
	122428	1	• FITTING, #6-#6
24	119825	4	CONNECTOR, With Diode
25	122213	1	ORIFICE, 1/16" NPT x 0.073" ID (Model 4620 only)
	105530	1	ORIFICE, 1/16" NPT x 0.081" ID (Model 4632 only)

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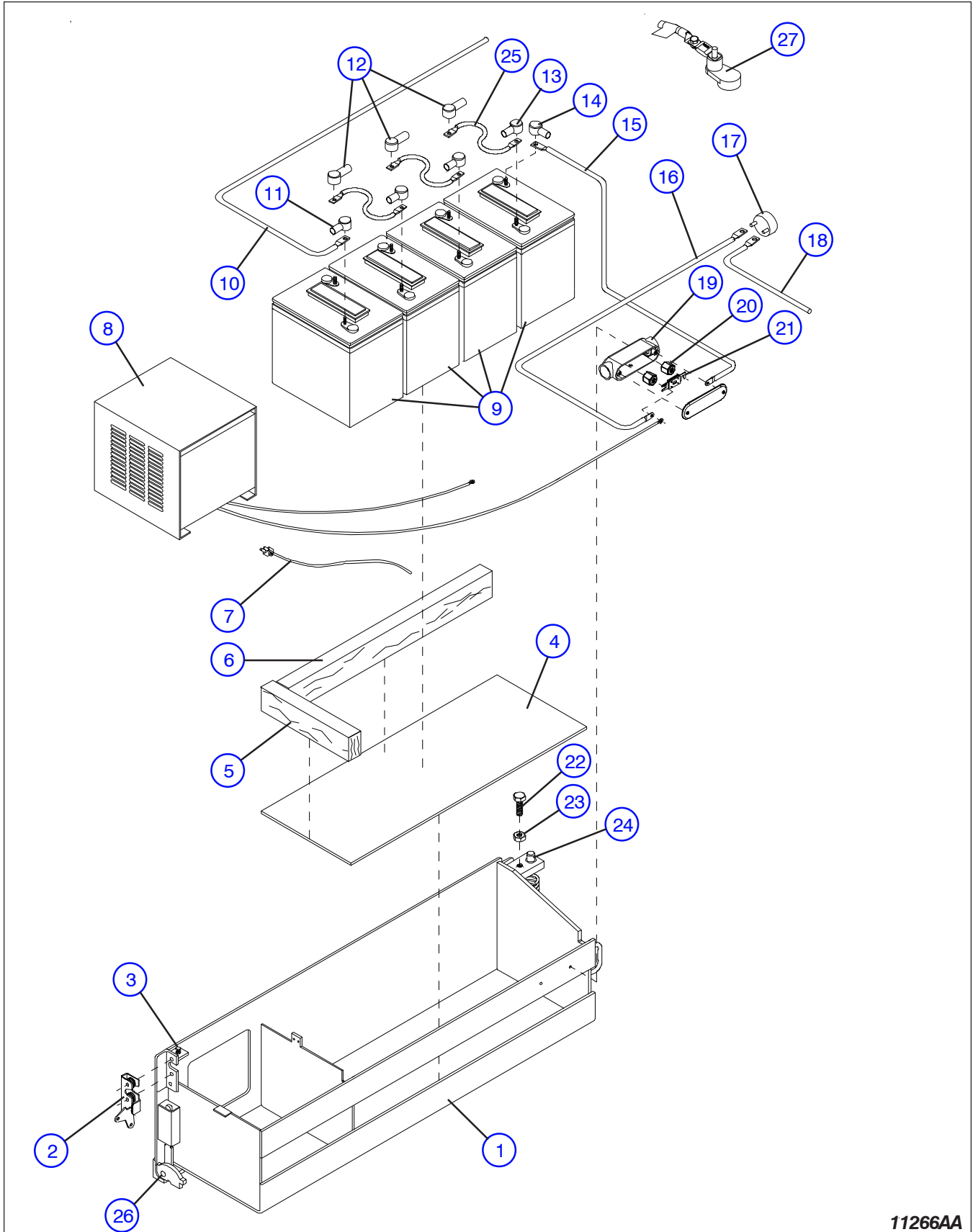
Figure 6.4-6. Hydraulic Hose Connections - Hydraulic/Electric Tray

AI

Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)	1	All 32XX models and for model 46XX with serial number 713314 and Below
B	(Ref.)	1	Model 46XX with serial number 713315 and Above
1	(Ref.)	1	PUMP AND MOTOR ASSEMBLY
		-	(For components, refer to Figure 6.4-2)
2	102665	1	FITTING, Connector #12 orb - #6
3	119851	1	HOSE, Suction 3/4"
*4	136563	1	HOSE ASSEMBLY, Filter to main manifold
5	109052	1	FITTING, Connector #12 orb - #6
6	(Ref.)	1	FILTER ASSEMBLY, Return
		-	(For components, refer to Figure 6.4-1)
7	(Ref.)	1	LOWERING VALVE/MANIFOLD
		-	(For components, refer to Figure 6.4-1)
*8	106412	1	HOSE ASSEMBLY, Pump to proportional manifold (13" long)
			(If equipped with Internal Compensator Valve)
	115318	1	HOSE ASSEMBLY, Pump to proportional manifold (11" long)
			(If equipped with External Compensator Valve)
9	103069	1	FITTING, Connector #6 orb - #6
*10	112631	1	HOSE ASSEMBLY, Manual lowering valve manifold
11	114402	2	CLAMP, Worm #12
12	(Ref.)	1	MANIFOLD ASSEMBLY, Proportional control
		-	(For components, refer to Figure 6.4-4)
*13	107732	1	HOSE ASSEMBLY, Proportional manifold to return filter (28" long)
			(If equipped with Internal Compensator Valve)
	111196	1	HOSE ASSEMBLY, Proportional manifold to return filter (18" long)
			(If equipped with External Compensator Valve)
*14	106413	1	HOSE ASSEMBLY, Main manifold to proportional manifold
15	(Ref.)	1	MANIFOLD ASSEMBLY, Main
		-	(For components, refer to Figure 6.4-5)
*16	126331	1	HOSE ASSEMBLY, Cushion cylinder
17	114578	2	FITTING, Elbow 90° #6 orb - #6
*18	102647	1	HOSE ASSEMBLY, Cushion cylinder
19	(Ref.)	1	CYLINDER, Cushion
		-	(For components, refer to Figure 6.4-1)
20	(Ref.)	1	HOSE ASSEMBLY, Main Case Drain B
		-	(For components, refer to Figure 6.3-10)
21	702382	1	FITTING, Swivel Run Tee - #6 JIC B
*	136562	1	KIT, Hydraulic Hose

Figure 6.5-1. Battery Tray Assembly - **ANSI/CSA and CE**

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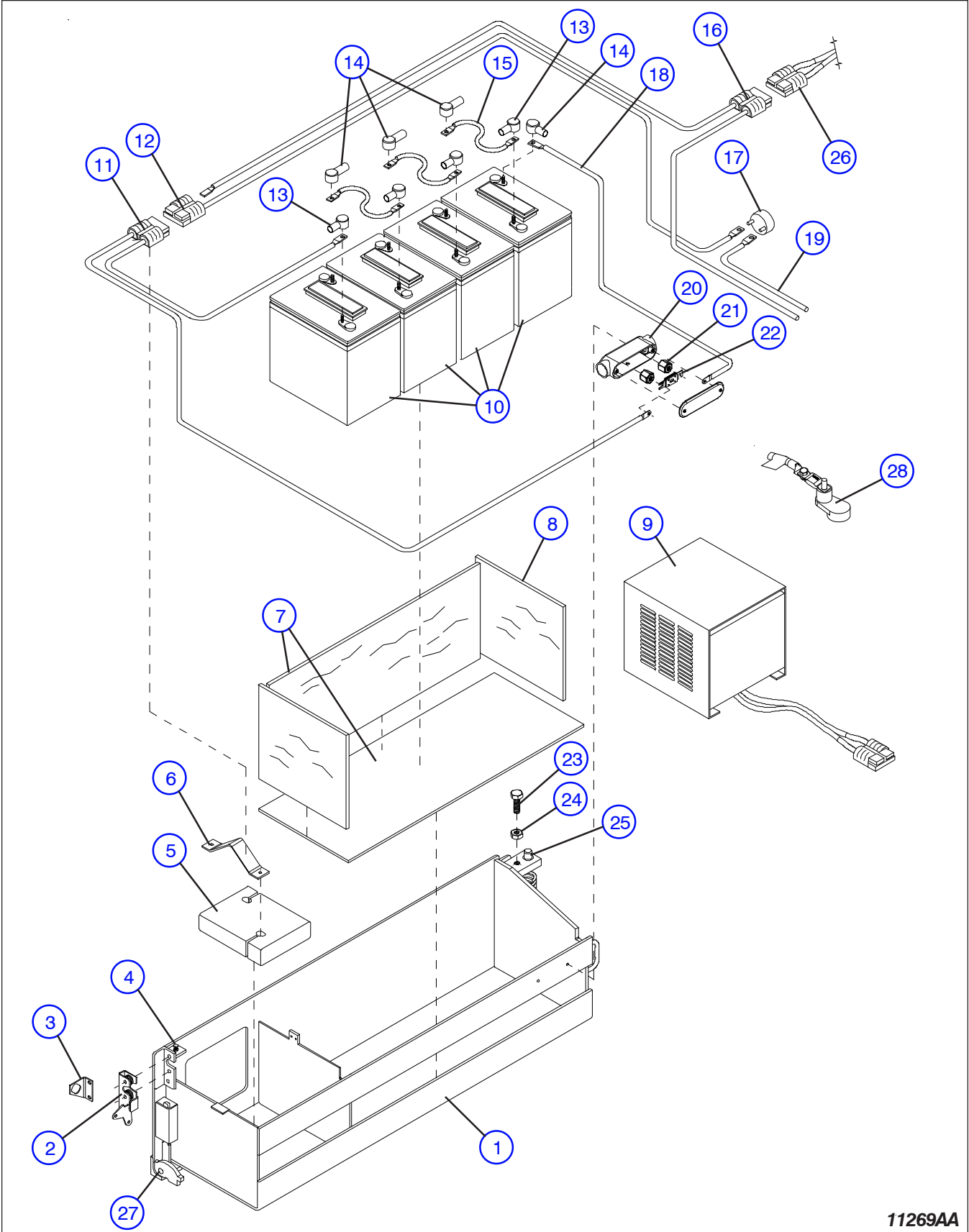
Figure 6.5-1. Battery Tray Assembly - ANSI/CSA and CE

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Index No.	Skyjack Part No.	Qty.	Description
1	117513	1	WELDMENT, Battery tray (If equipped with Fuse Box)
	143665	1	WELDMENT, Battery tray (If equipped with Inline Fuse)
2	119609	1	LATCH, Tray Assembly
	102781	1	• LATCH, Rotary
	111534	1	• KNOB, Latch
	103855	1	• BOLT, Hex Head 1/4" - 20 x 1/2" Grd. 5
	104000	1	• WASHER, Lock 1/4"
	103864	3	• BOLT, Hex Head 5/16" - 18 x 1" Grd. 5
	103404	3	• WASHER, Lock 5/16"
3	125800	1	SCREW, Slotted Round Head 3/8" - 16 x 1" Gr. 5
	108575	1	NUT, Jam 3/8" - 16 Gr. B
4	100440	1	PLYWOOD, 3/8" x 10-1/2" x 28-1/2"
	120340	1	SHEET, Neoprene 1/4"*10.5*28.5 (For Australia/New Zealand machines)
5	111423	1	SPACER, Wood 2" x 3" x 11"
	120338	1	SPACER, Plastic Wood 2" x 4" x 11" (For Australia/New Zealand machines)
6	100442	1	SPACER, Wood 2" x 3" x 28" (Equipped with U2200 Batteries only)
	120339	1	SPACER, Plastic Wood 2" x 4" x 28" (For Australia/New Zealand machines)
7	(Ref.)	1	HARNESS, Charger Cut-out (For components, refer to Figure 6.6-1)
8	(Ref.)	1	CHARGER, Battery Assembly (For components, refer to Figures 6.5-3)
9	106552	4	BATTERY, 6V (Interstate #U2500)
	103480	4	BATTERY, 6V (Interstate #U2200)
10	124325	1	CABLE, Battery to Pump/Motor Assembly
11	117407	1	BOOT, Black Battery (CE models only)
12	105600	4	BOOT, Red Battery (CE models only)
13	105601	4	BOOT, Black Battery (CE models only)
14	117408	1	BOOT, Red Battery (CE models only)
15	119547	1	CABLE, Battery Positive Terminal to Fuse Box (If equipped with Fuse Box)
16	119548	1	CABLE, Fuse Box to Main Disconnect Switch (If equipped with Fuse Box)
	143663	1	CABLE, Main Disconnect Switch to Battery (If equipped with Inline Fuse)
17	(Ref.)	-	ASSEMBLY, Main Disconnect Switch (For components, refer to Figure 6.3-1)
18	119550	1	CABLE, Main Disconnect Switch to Main Contactor
19	119061	1	HOUSING, Fuse Box (If equipped with Fuse Box)
	119007	2	• SCREW, Machine 1/4" - 20 x 5/8"
20	103068	2	INSULATOR, Fuse Mounting (if equipped with Fuse Box)
21	117619	1	FUSE, ANL 300 Amp (If equipped with Fuse Box)
	112495	2	• BOLT, Hex Head 1/4"-20 x 3/8" Grd. 5
22	125798	1	BOLT, Carriage 1/2" - 13 x 1-1/2" Gr. 5
23	107949	1	NUT, 1/2"-13 Jam
24	(Ref)	-	PIN ASSEMBLY, Tray Upper
	100335	1	• BUSHING, Bronze
	100446	1	• PIN, Eccentric
	(Ref)	-	PIN ASSEMBLY, Tray Lower
	100335	1	• BUSHING, Bronze
	118983	1	• PIN, Tray bottom
25	120425	AR	CABLE, Battery jumper
26	(Ref.)	-	ASSEMBLY, Pot Hole Protection Device (For components, refer to Figure 6.3-2)
27	137243	1	CABLE, Battery 300A In-Line Fuse, (If equipped with Inline Fuse)
	310517	1	• 300 Amp fuse
L	(Ref.)	1	LABELS (Not shown)
		-	(Refer to Figure 6.8-3)

Figure 6.5-2. Battery Tray Assembly - ANSI/CSA (EE Rated)

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Figure 6.5-2. Battery Tray Assembly - ANSI/CSA (EE Rated)

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Index No.	Skyjack Part No.	Qty.	Description
1	117513	1	WELDMENT, Battery tray (If equipped with Fuse Box)
	143665	1	WELDMENT, Battery tray (If equipped with Inline Fuse)
2	119609	1	LATCH, Tray Assembly
	102781	1	• LATCH, Rotary
	111534	1	• KNOB, Latch
	103855	1	• BOLT, Hex Head 1/4" - 20 x 1/2" Grd. 5
	104000	1	• WASHER, Lock 1/4"
	103864	3	• BOLT, Hex Head 5/16" - 18 x 1" Grd. 5
	103404	3	• WASHER, Lock 5/16"
	119528	1	ASSEMBLY, Tray Lock
3	104049	1	• BRACKET, Tray Lock
	104051	1	• CAM, Lock
	103886	1	• BOLT, Hex Hd 5/16"-18 x 1.50" Grd. 5
4	125800	1	SCREW, Slotted Round Head 3/8" - 16 x 1" Gr. 5
	108575	1	NUT, Jam 3/8" - 16 Gr. B
5	126236	1	WEIGHT, Battery Charger
6	119286	1	BRACKET, Connector Mount
7	113655	3	PLYWOOD, 1/4" x 9.5" x 29"
8	113654	5	PLYWOOD, 1/4" x 9.5" x 10.5"
9	(Ref.)	1	CHARGER, Battery Assembly (For components, refer to Figures 6.5-3)
10	106552	4	BATTERY, 6V (Interstate #U2500)
	103480	4	BATTERY, 6V (Interstate #U2200)
11	119591	1	ASSEMBLY, Cable (Battery to Fuse Box) (If equipped with Fuse Box)
	105534	1	• PLUG, Battery Connector 175 Amp 2-prong
	103036	1	• CONNECTOR, Strain Relief
	103148	54"	• CABLE, Welding #4 Ga
	143672	1	ASSEMBLY, Cable (Battery to Battery Charger) (If equipped with Inline Fuse)
	105534	1	• PLUG, Battery Connector 175 Amp 2-prong
12	103148	81"	• CABLE, Welding #4 Ga
	126076	1	ASSEMBLY, Connector Cable (from Motor & Main Disconnect Switch)
	105534	1	• PLUG, Battery Connector 175 Amp 2-prong
	103148	80"	• CABLE, Welding #4 Ga
Part list continued on the next page.			

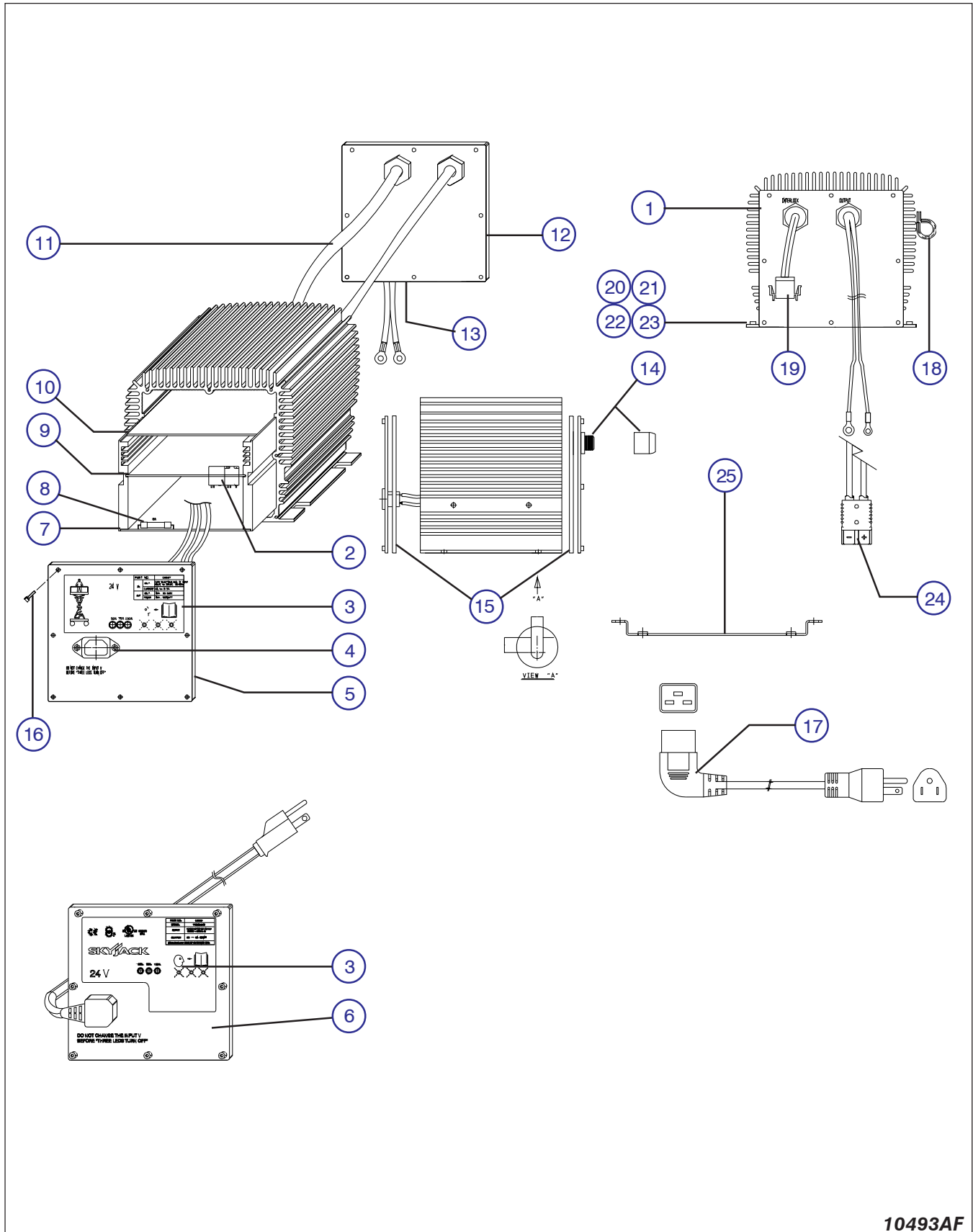
Figure 6.5-2. Battery Tray Assembly - ANSI/CSA (EE Rated) (Continued)

AI

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued from previous page.
13	105601	4	BOOT, Black Battery
14	105600	4	BOOT, Red Battery
15	120425	AR	CABLE, Battery jumper
16	126047	1	ASSEMBLY, Connector Cable (Motor to Main Disconnect Switch/Battery)
	119592	1	ASSEMBLY, Connector Cable (Motor to Main Disconnect Switch/Battery) (4626)
	105534	1	• PLUG, Battery Connector 175 Amp 2-prong
	103148	169"	• CABLE, Welding #4 Ga
17	(Ref.)	-	ASSEMBLY, Main Disconnect Switch (For components, refer to Figure 6.3-1)
18	119547	1	CABLE, Battery to Main Fuse Box
	103036	1	• CONNECTOR, Strain Relief
	121048	1	• REDUCER, Threaded Bushing
19	119550	1	CABLE, Main Disconnect Switch to Main Contactor
	126049	1	CABLE, Main Disconnect Switch to Main Contactor (Model 4626)
20	119061	1	HOUSING, Fuse Box
	119007	2	• SCREW, Machine 1/4" - 20 x 5/8"
21	103068	2	INSULATOR, Fuse Mounting
22	117619	1	FUSE, ANL 300 Amp
	112495	2	• BOLT, Hex Head 1/4"-20 x 3/8" Grd. 5
23	125798	1	BOLT, Carriage 1/2" - 13 x 1-1/2" Gr. 5
24	107949	1	NUT, 1/2"-13 Jam
25	(Ref.)	-	PIN ASSEMBLY, Tray Upper
	100335	1	• BUSHING, Bronze
	100446	1	• PIN, Eccentric
	(Ref.)	-	PIN ASSEMBLY, Tray Lower
	100335	1	• BUSHING, Bronze
	118983	1	• PIN, Tray bottom
26	(Ref.)	-	ASSEMBLY, Motor Connector (For components, refer to Figure 6.4-2)
27	(Ref.)	-	ASSEMBLY, Pot Hole Protection Device (For components, refer to Figure 6.3-2)
28	137243	1	CABLE, Battery 300A In-Line Fuse, (If equipped with Inline Fuse)
	310517		• 300 Amp fuse
L	(Ref.)	-	LABELS (not shown) (Refer to Figure 6.8-3)

Figure 6.5-3. Battery Charger Assembly

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10493AF

Figure 6.5-3. Battery Charger Assembly

AI

Index No.	Skyjack Part No.	Qty.	Description
1	128537	1	CHARGER, 24V DC Battery
2	127171	1	• RELAY, Power ON
	127154	1	• • RELAY, Interlock
3	129163	1	• LABEL, Front Plate
4	127159	1	• CONNECTOR, IEC
5	127162	1	• FRONTPLATE ASSEMBLY (without hardwired cord) (If equipped)
6	147674	1	• FRONTPLATE ASSEMBLY (with hardwired cord) (If equipped)
7	127160	1	• BOARD, Main PC (1)
8	127155	1	• FUSE, Internal
9	127161	1	• BOARD, Main PC (2)
10	127169	1	• CONTROL BOARD, Main
11	127156	1	• CABLE, Interlock
12	127163	1	• PLATE, Rear
13	127157	1	• CABLE, Output
14	127158	1	• STRAIN RELIEF, Rear Plate
15	127170	2	• GASKET, Front or Rear Plate
16	127164	1	• SCREWS, Front and Rear Plates
17	120789	1	CORD, Charger Cord 120V (If equipped)
	120790	1	CORD, Charger Cord 220V (If equipped)
18	123764	1	CLIP, #10 G6 Single
19	115391	1	PLUG, Charger Cutout
20	103856	4	BOLT, 1/4 - 20 x 3/4 Grade 5
21	103995	4	WASHER, 1/4 Flat
22	104000	4	WASHER, 1/4 Lock
23	103980	4	NUT, 1/4 - 20 Grade B
24	116039	1	CONNECTOR, Battery Grey 175 AMP (ANSI/CSA EE Rated only)
25	128902	1	Adopter Plate (If equipped)

Figure 6.6-1. Electrical Panel Assembly - **ANSI/SIA and CSA**

AH

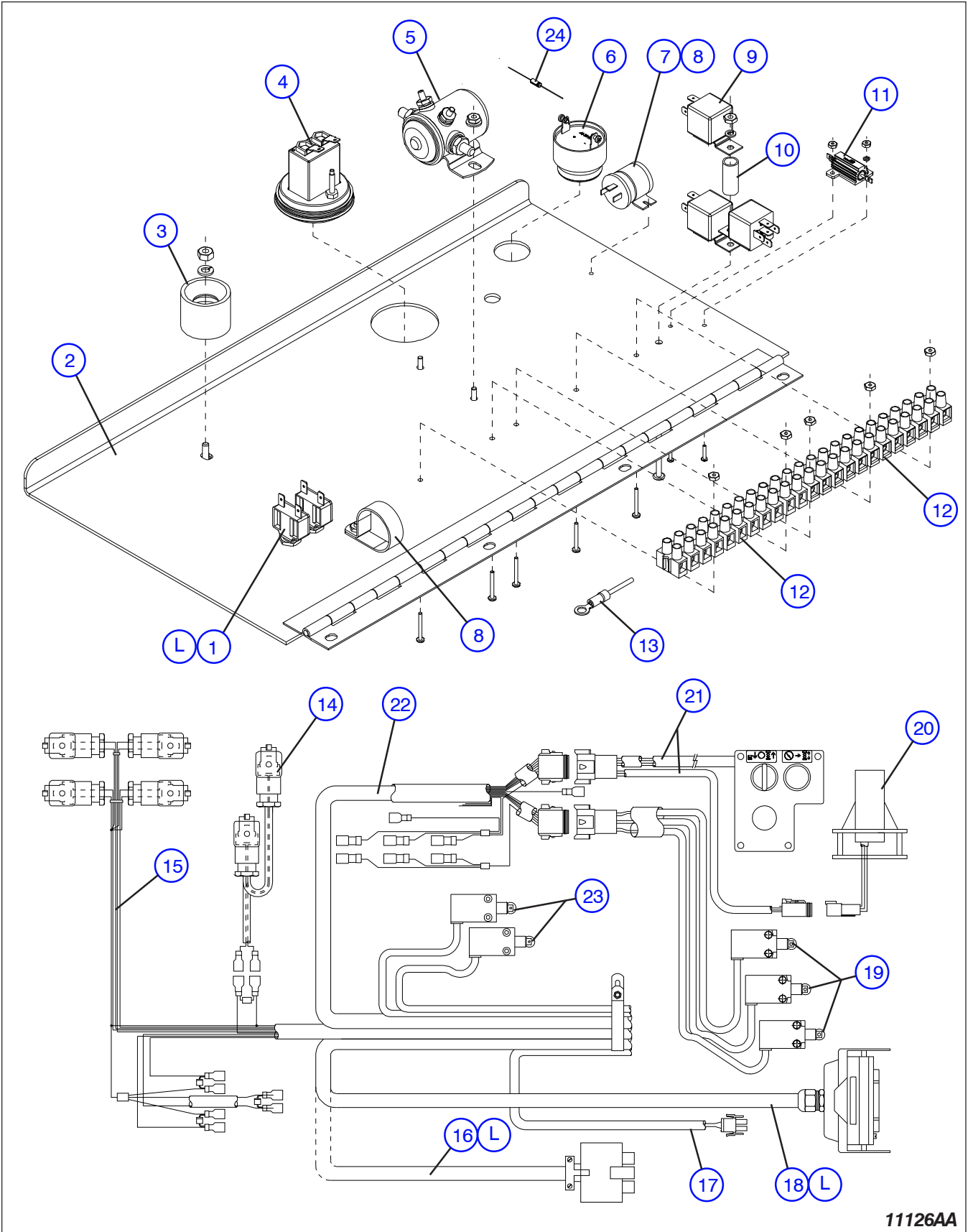


Figure 6.6-1. Electrical Panel Assembly - ANSI/SIA and CSA

AH

Index No.	Skyjack Part No.	Qty.	Description
1	117325	2	CIRCUIT BREAKER, 15 Amp
2	132661	1	WELDMENT, Electrical panel
	112495	1	• BOLT, Hex Head 1/4"-20 x 3/8" Gr. 5
3	125893	1	BUMPER, Female
4	103336	1	HOURMETER
5	103101	1	CONTACTOR
	103962	2	• SCREW, Machine #10-32 x 1/2" lg.
	104003	2	• NUT, Hex #10-32
6	103057	1	BEEPER, 24 Volt
7	(Ref.)	-	FLASHING LIGHT OPTION, Flasher (For components, refer to Figure 6.2-6)
	132793	1	• CLAMP, Plastic (1 1/4")
8	132794	1	CLAMP, Cable Bundle (1 3/8")
9	108589	3	RELAY, 24 Volt
10	116711	1	SPACER, Relay Mounting Stand
	104546	1	• SCREW, Round hd #10-32 x 2"
	104003	2	• NUT, Hex #10-32
	104694	2	• WASHER, Flat #10
11	129182	1	RESISTOR, Proportional Speed 30 Ohm
12	103011	1	STRIP, Terminal block 11P
	103011	1	STRIP, Terminal block 12P
	103956	5	• SCREW, Round Hd #6-32 x 1"
	103985	5	• NUT, Hex #6-32
13	132657	1	HARNESS, "O2" Wire
14	129171	1	HARNESS, Holding Valve - One Lift Cylinder (Model 3220/4620)
	129170	1	HARNESS, Holding Valves - Two Lift Cylinders (Model 4626/4632)
15	117902	1	HARNESS ASSEMBLY, Main Manifold
16	119641	1	CABLE ASSEMBLY, Electrical Panel control (No Option)
	102888	67"	• CABLE, Control 16/10
	102518	1	• CONNECTOR, 10 Pole
	119456	1	• COVER, Connector
	119457	2	• DOWEL, Plastic
17	132869	1	HARNESS, Charger Cut-out
	105269	156"	• CABTIRE, 14/3
	116992	1	• HOUSING, 2-Pole Plug Male
	116990	2	• PIN, Female Wire
18	119730	1	CABLE ASSEMBLY, Electrical Panel Control (All Option)
	107821	1	• CONNECTOR, Female
	102887	73"	• CABLE, Control 16/15
	119727	2	• PIN, Code
19	(Ref.)	-	SWITCH ASSEMBLY, High Speed & Pothole Override Limit (For components, refer to Figure 6.2-7)
20	(Ref.)	1	SWITCH ASSEMBLY, Tilt (For components, refer to Figure 6.3-12)
21	(Ref.)	-	HARNESS, Base Control Box and Tilt Switch (For components, refer to Figure 6.3-11)
22	132205	1	HARNESS ASSEMBLY, Rear manifold
	119133	1	• KIT, 8 Pole plug connector
23	(Ref.)	-	LIMIT SWITCH ASSEMBLY, Pothole protection (For components, refer to Figure 6.3-2)
24	110699	1	CAPACITOR, (0.47UF 50V)
L	(Ref.)	AR	LABELS (Refer to Figure 6.8-3)
		-	

Figure 6.6-2. Electrical Panel Assembly - ANSI/SIA and CSA (EE Rated)

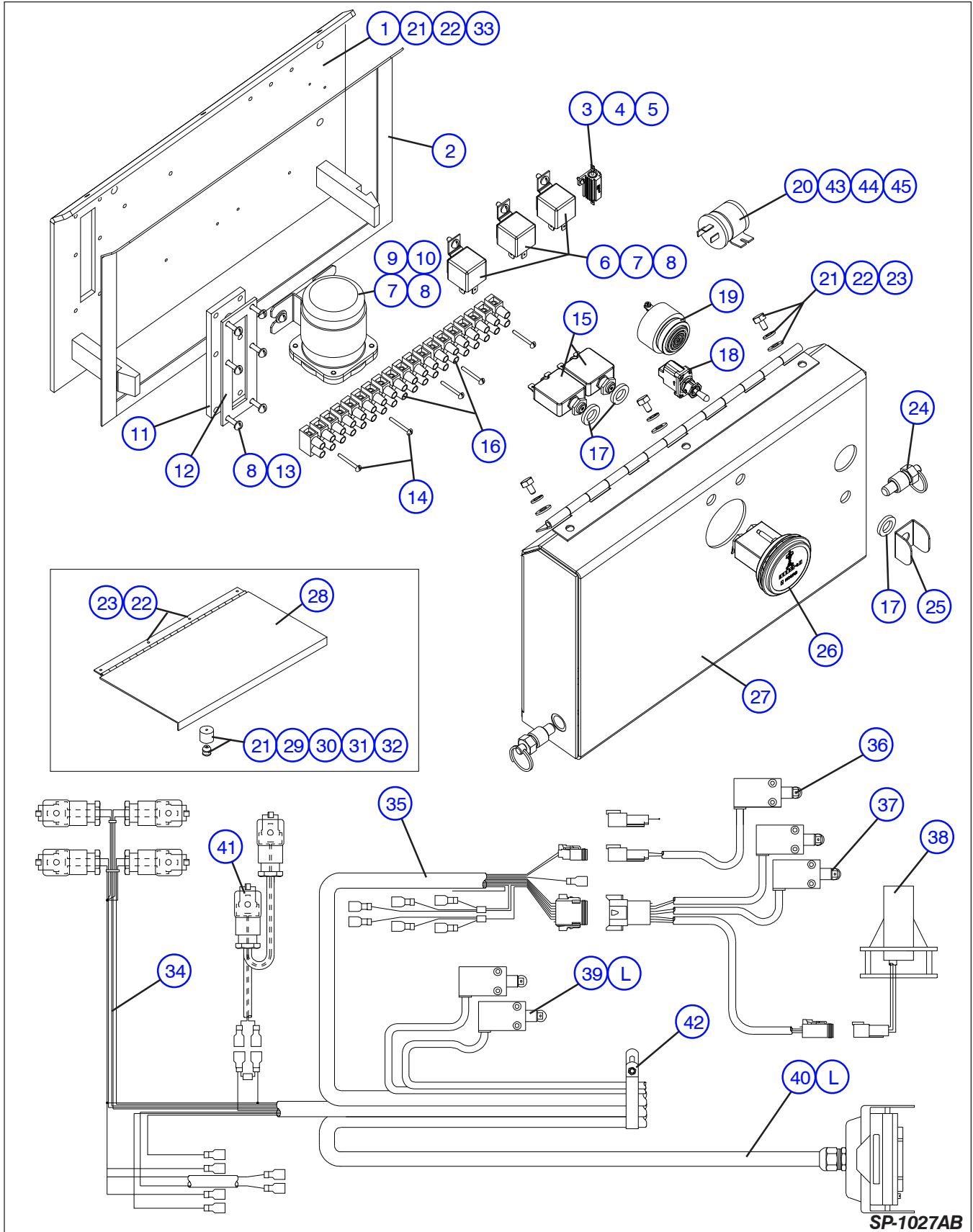


Figure 6.6-2. Electrical Panel Assembly - ANSI/SIA and CSA (EE Rated)

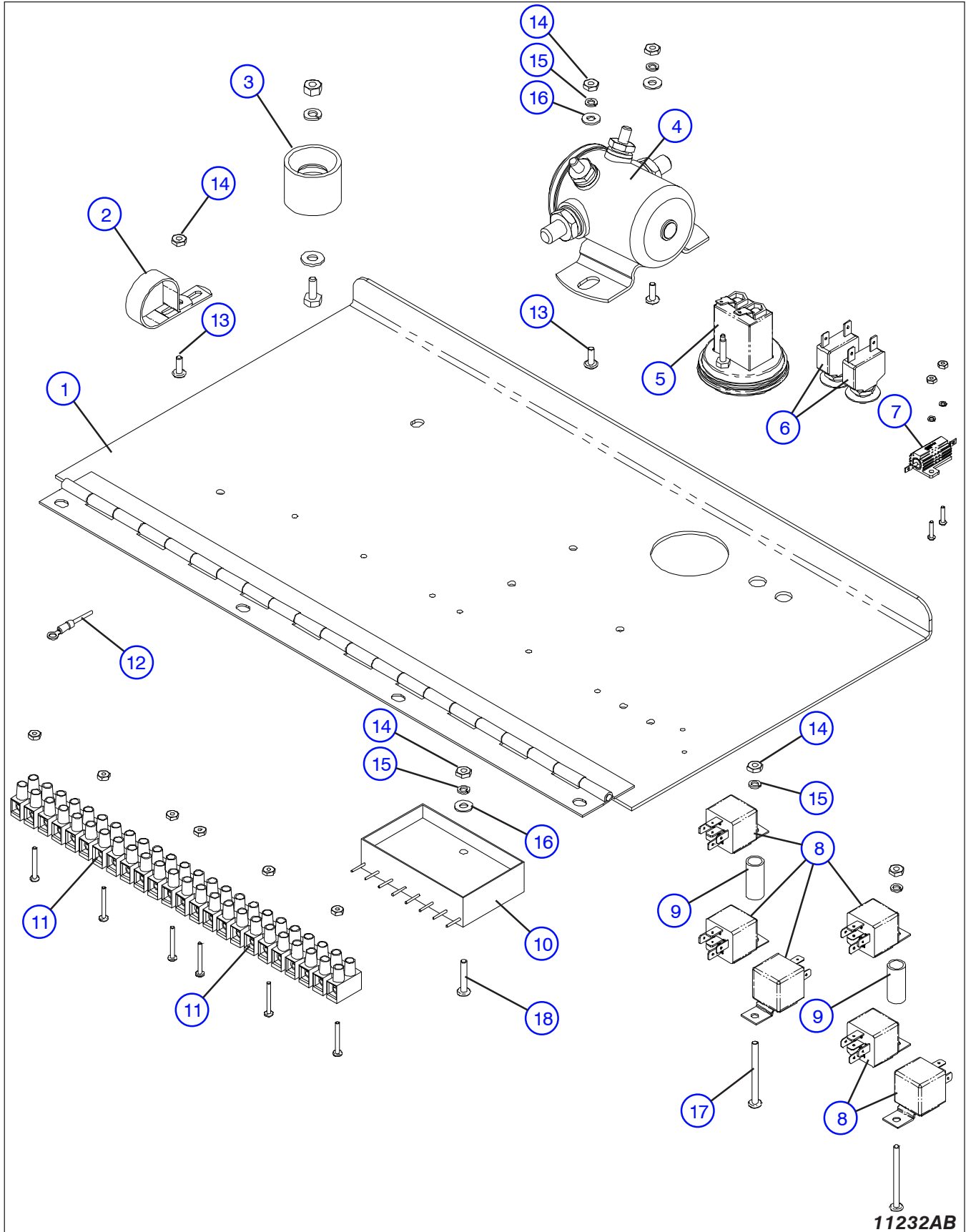
Index No.	Skyjack Part No.	Qty.	Description
1	126326	1	PANEL, Weldment EE
2	126783	32"	RUBBER, Self sealing 1/4" thick
	126784	14"	RUBBER, Self sealing 1/8" thick
3	115313	1	RESISTOR, 25 Watt / 30 Ohm
4	125694	2	SCREW, #4-40 x 0.25" machine
5	116068	2	WASHER, Lock #4
6	108589	3	RELAY, 24V Sealed
7	115545	5	SCREW, 10-32 x 0.375" Machine
8	104185	11	WASHER, Lock #10
9	103101	1	CONTACTOR, Solenoid
10	104694	2	WASHER, Flat #10
11	125612	1	GASKET, EE 7 hole
12	125613	1	COVER, EE gasket
13	120094	6	SCREW, #10-32 x 0.625" Machine
14	103956	5	SCREW, #6-32 x 1" machine
15	117325	2	BREAKER, 15 amp Circuit
16	103011	1	BLOCK, Terminal 12p large
	103011	1	BLOCK, Terminal 7p large
	126043	1	DIODE ASSEMBLY
17	117954	3	WASHER, Seal 7/16"
18	102853	1	SWITCH, Toggle
19	103057	1	BEEPER, 4-28VDC slow pulsing
20	(Ref.)	-	FLASHING LIGHT KIT, 12-24 Volt (option)
		-	(For components, refer to Figure 6.2-6)
	132793	1	• CLAMP, Plastic (1 1/4")
21	103995	9	WASHER, Flat 1/4"
22	104000	12	WASHER, Lock 1/4"
23	112495	3	BOLT, Hex hd 1/4"-20 x 0.375" Gr. 5
24	112467	2	PLUNGER, Stubby pull-ring
25	111181	1	GUARD, Toggle switch
26	103336	1	METER, Hour
27	126323	1	COVER, Box weldment EE elec. panel
28	125739	1	COVER, Hinged tray
29	112447	1	KIT, Bumper
	125892	1	• BUMPER, Male
	155893	1	• BUMPER, Female
30	103855	1	BOLT, Hex hd 1/4"-20 x 1/2" Gr. 5
31	103890	1	BOLT, Hex hd 1/4"-20 x 1" Gr. 5
32	103980	1	NUT, 1/4"-20
33	103892	4	BOLT, Hex hd 1/4"-20 x 5/8" Gr. 5
34	117902	1	HARNESS ASSEMBLY, Main Manifold
35	126042	1	HARNESS ASSEMBLY, Rear manifold
	119129	1	• KIT, 2 Pole plug connector
	119133	1	• KIT, 8 Pole plug connector
36	(Ref.)	-	SWITCH ASSEMBLY, Pothole Override Limit
		-	(For components, refer to Figure 6.3-2)
37	(Ref.)	-	SWITCH ASSEMBLY, High Speed Limit
		-	(For components, refer to Figure 6.2-7)
			Parts list continued on the following page.

Figure 6.6-2. Electrical Panel Assembly - ANSI/SIA and CSA (EE Rated) (Continued)

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Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
38	(Ref.)	1	SWITCH ASSEMBLY, Tilt
		-	(For components, refer to Figure 6.3-13)
	119130	1	• KIT, 4 Pole receptacle connector
39	(Ref.)	-	LIMIT SWITCH ASSEMBLY, Pothole protection
		-	(For components, refer to Figure 6.3-2)
40	126041	1	CABLE ASSEMBLY, 10 Pin electrical panel control
	102888	91"	• CABLE, 16/10
	107777	1	• CONNECTOR, 10 Pin
41	129171	1	HARNESS, Holding Valve - One Lift Cylinder (Model 3220/4620)
	129170	1	HARNESS, Holding Valves - Two Lift Cylinders (Model 3226/4626/4632)
42	132794	1	CLAMP, Cable Bundle (1 3/8")
43	103962	1	SCREW, Round head machine (#10-32 x 1/2")
44	117952	1	WASHER, Seal (#10)
45	104003	1	NUT, Hex head (#10-32)
L	(Ref.)	AR	LABELS
		-	(Refer to Figure 6.8-3)

Figure 6.6-3. Electrical Panel Assembly (CE)



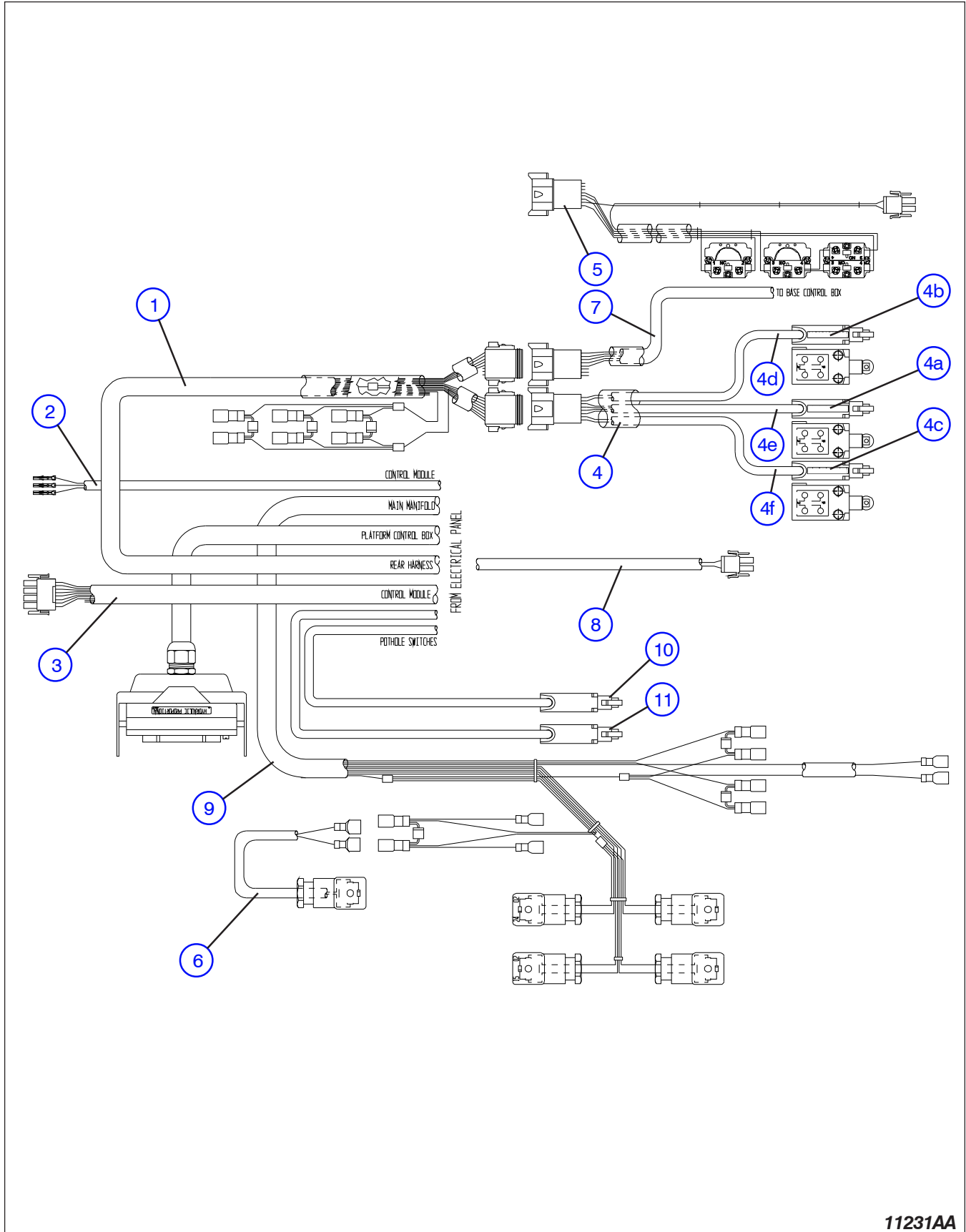
11232AB

Figure 6.6-3. Electrical Panel Assembly (CE)

Index No.	Skyjack Part No.	Qty.	Description
A	130888	1	ASSEMBLY, Electrical Panel (CE)
1	130579	1	• WELDMENT, Control panel
	112495	4	• • BOLT, Hex Hd 1/4"-20 x 3/8" Gr. 5
2	132794	1	• CLAMP, Plastic cable
3	125893	1	• BUMPER, Rubber Female
	103892	1	• BOLT, Hex head 1/4"-20 x 5/8" Gr. 5
	103995	1	• WASHER, Flat 1/4"
	104000	1	• WASHER, Lock 1/4"
	103980	1	• NUT, Hex 1/4"-20
4	103101	1	• CONTACTOR, Solenoid (SPNO)
5	103336	1	• HOURMETER
6	117325	2	• BREAKER, Circuit 15 Amp
7	129182	1	• RESISTOR, Prop. speed 30 Ohms 25 Watt (Model 32XX/46XX)
	130892	1	• RESISTOR, Prop. speed 40 Ohms 25 Watt (Model 3220 with Power Deck)
	116066	2	• SCREW, Round head machine #4-40 x 1/2"
	116068	2	• WASHER, Lock #4
	116067	2	• NUT, Hex #4-40
8	108589	6	• RELAY, 24V sealed
9	116711	2	• SPACER, Relay Stand-off
10	119758	1	• MODULE, Encapsulated Diode
11	103011	2	• BLOCK, Terminal 12P
	103956	6	• SCREW, Round head #6-32 x 1.0"
	103985	6	• NUT, Hex head #6-32
12	130149	1	• HARNESS, Ground "02"
13	103962	3	• SCREW, Round head machine #10-32 x 1/2"
14	104003	6	• NUT, Hex head #10-32
15	104185	5	• WASHER, Lock #10
16	104694	3	• WASHER, Flat #10
17	104546	2	• SCREW, Round head #10-32 x 2.0"
18	105621	1	• SCREW, Round head #10-32 x 1.0"

Figure 6.6-4. Electrical Panel - Harness (CE)

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11231AA

Figure 6.6-4. Electrical Panel - Harness (CE)

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Index No.	Skyjack Part No.	Qty.	Description
1	130562	1	HARNESS, Rear Manifold/Limit Switch (Model 3220/3226/46XX/4832)
	102887	76"	• CABTIRE, Cable 16/15
	117583	2	• PLUG, Connector 8-Pin
	117585	2	• WEDGE, Connector Plug 8-Pin
	117593	11	• SOCKET, Connector Contact
	117594	5	• PLUG, Connector Sealing
2	130671	1	HARNESS, Relays to Control Module
	103257	108"	• CABTIRE, Cable 18/3
	116990	3	• PIN, Female Wire
3	130598	1	HARNESS, Panel Load Sensor to Control Module
	102888	98"	• CABTIRE, Cable 16/10
	116990	8	• PIN, Female Wire
4	130449	1	• HOUSING, Male 12-Pole Plug
	130559	1	HARNESS, High Speed/Override Limit Switch (Model 3220/3226/4832)
	133662	1	HARNESS, High Speed/Override Limit Switch (Model 46XX)
4a			(Order P/N 130559 for machines with Serial No. 66889 (4620), 709570 (4626), & below)
	133599	AR	• SWITCH ASSEMBLY, Modified Drilled Sealed (Model 46XX)
			(Order P/N 121975 for machines with Serial No. 66889 (4620), 709570 (4626), & below)
	121975	AR	• SWITCH ASSEMBLY, Modified Drilled Sealed (Model 3220/3226/4832)
	119132	1	• KIT, 8-Pole Connector
	113018	1	• MARKER, Brady wire #18
	113021	1	• MARKER, Brady wire #21
	113071	1	• MARKER, Brady wire #71
	145963	1	• LABEL, LS1A
	145964	1	• LABEL, LS1B
4e	145965	1	• LABEL, LS6
	130649	1	HARNESS, Base Control with Charger Cut-Out Assembly (Model 3215/3219)
4f	103278	1	• 2-N.O. CONTACT, Switch (Up/Down)
	103100	1	• • BASE, Contact Block
	103141	2	• • BLOCK, Switch N.O.
	103280	1	• 1-N.O. CONTACT, Switch (Enable)
	103100	1	• • BASE, Contact Block
	103141	1	• • BLOCK, Switch N.O.
	103281	1	• 1-SINGLE CONTACT, Switch (Emergency Stop)
	103100	1	• • BASE, Contact Block
	103225	1	• • 1-CONTACT BLOCK, N.C.
	119132	1	• KIT, 8-Pole Connector
6	129171	1	HARNESS, Holding Valve (Model 3220/4620)
	119825	1	• CONNECTOR, Solenoid with Diode
	103256	69"	• CABLE, Cabtire 18/2
	129170	1	HARNESS, Holding Valve (Model 3226/4626/4832)
	119825	2	• CONNECTOR, Solenoid with Diode
	103256	278"	• CABLE, Cabtire 18/2
Parts list continued on the following page.			

Figure 6.6-4. Electrical Panel - Harness (CE) (Continued)

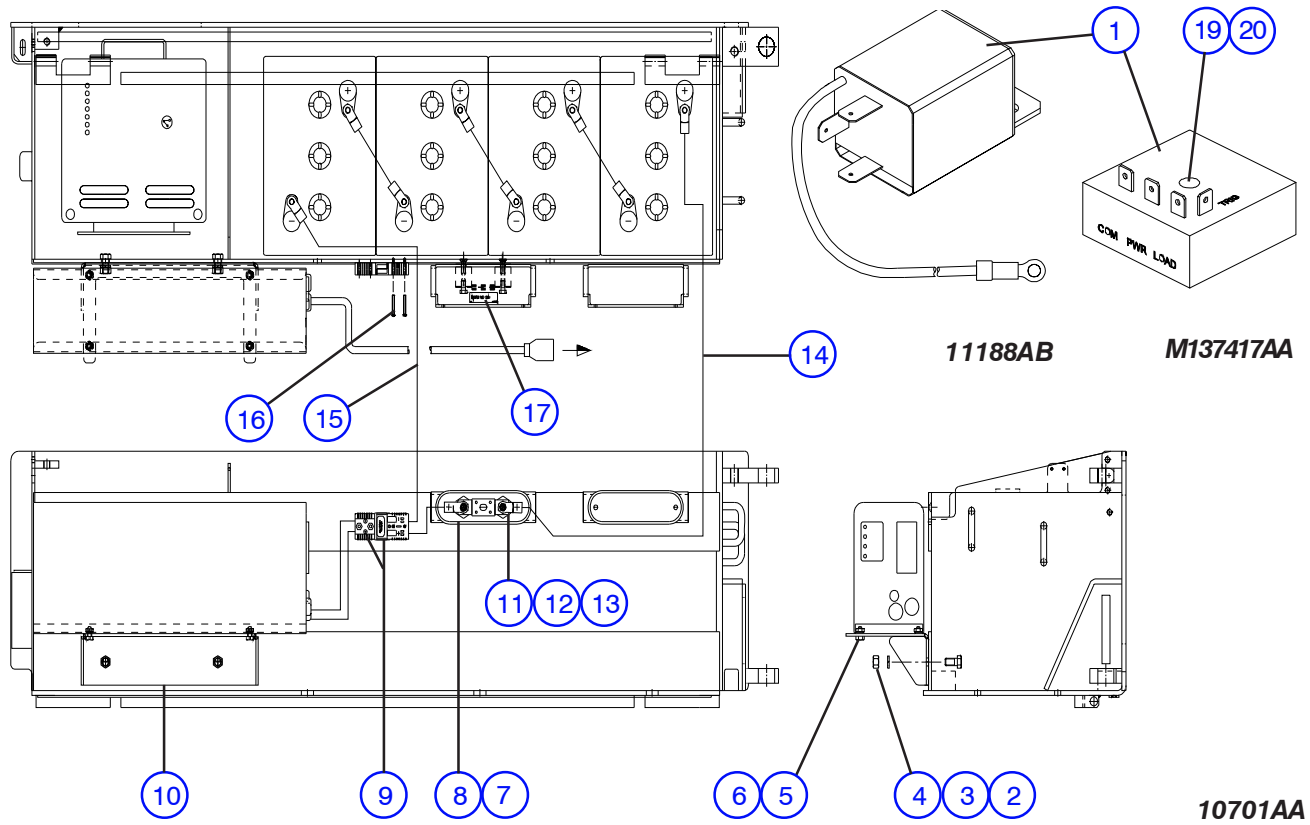
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Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
7	(Ref.)	1	ASSEMBLY, Base Control Box (Model 3220/3226/46XX/4832) (For Components, Refer to Figure 6.3-11)
8	130886	1	HARNESS, Charger Cut-Out
	105269	175"	• CABTIRE, 14/3
	116992	1	• CONNECTOR, 2-Pole Plug Male
	116990	2	• PIN. Female Wire
9	132838	1	HARNESS, Main Manifold
	119825	4	• CONNECTOR, Solenoid with diode
	102921	3	• DIODE
10	125887	1	HARNESS, Pothole Battery Tray Limit Switch (Model 3220/3226/4832)
	133601	1	HARNESS, Pothole Battery Tray Limit Switch (Model 46XX) (Order P/N 125885 for machines with Serial No. 66889 (4620), 709570 (4626), & below)
11	125885	1	HARNESS, Pothole Hydraulic Tray Limit Switch (Model 32XX/4832)
	133600	1	HARNESS, Pothole Hydraulic Tray Limit Switch (Model 46xx) (Order P/N 125887 for machines with Serial No. 66889 (4620), 709570 (4626), & below)

Figure 6.7-1. 24VDC Inverter

AI

A & B - Early Model



C & D - Later Model

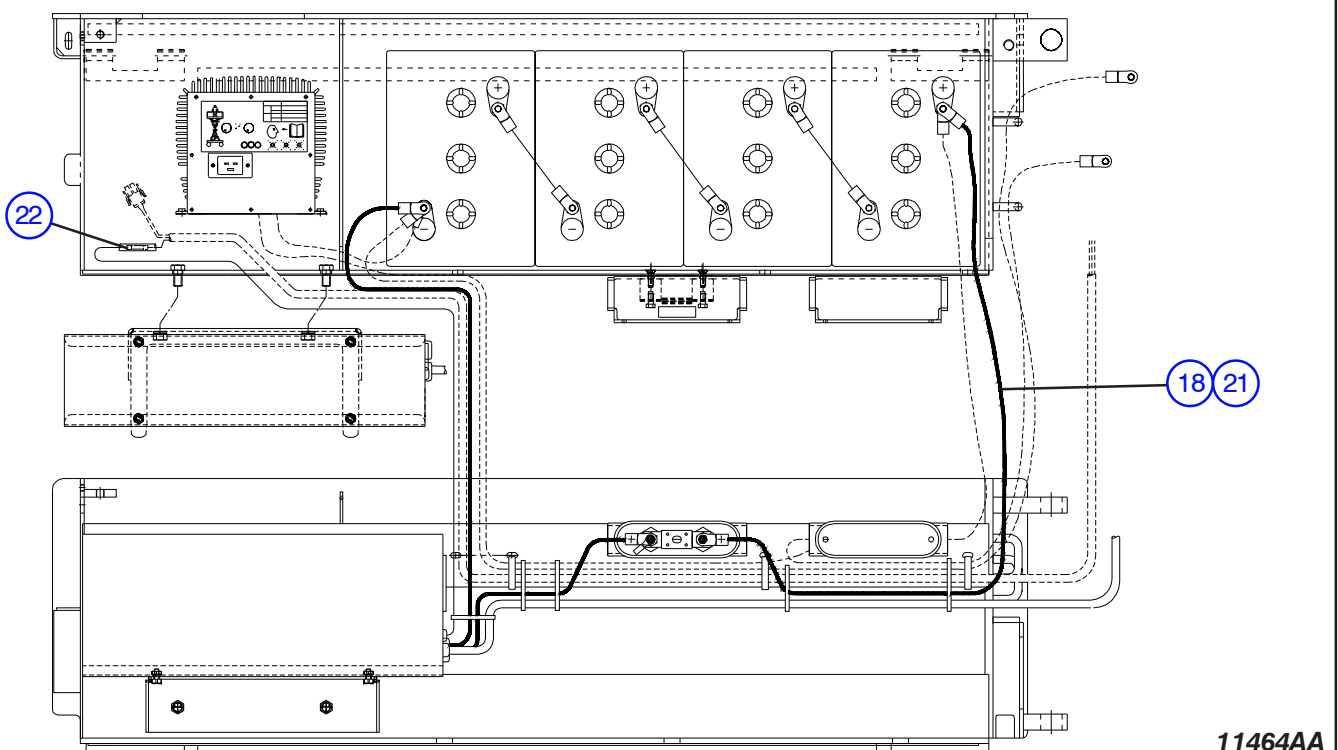
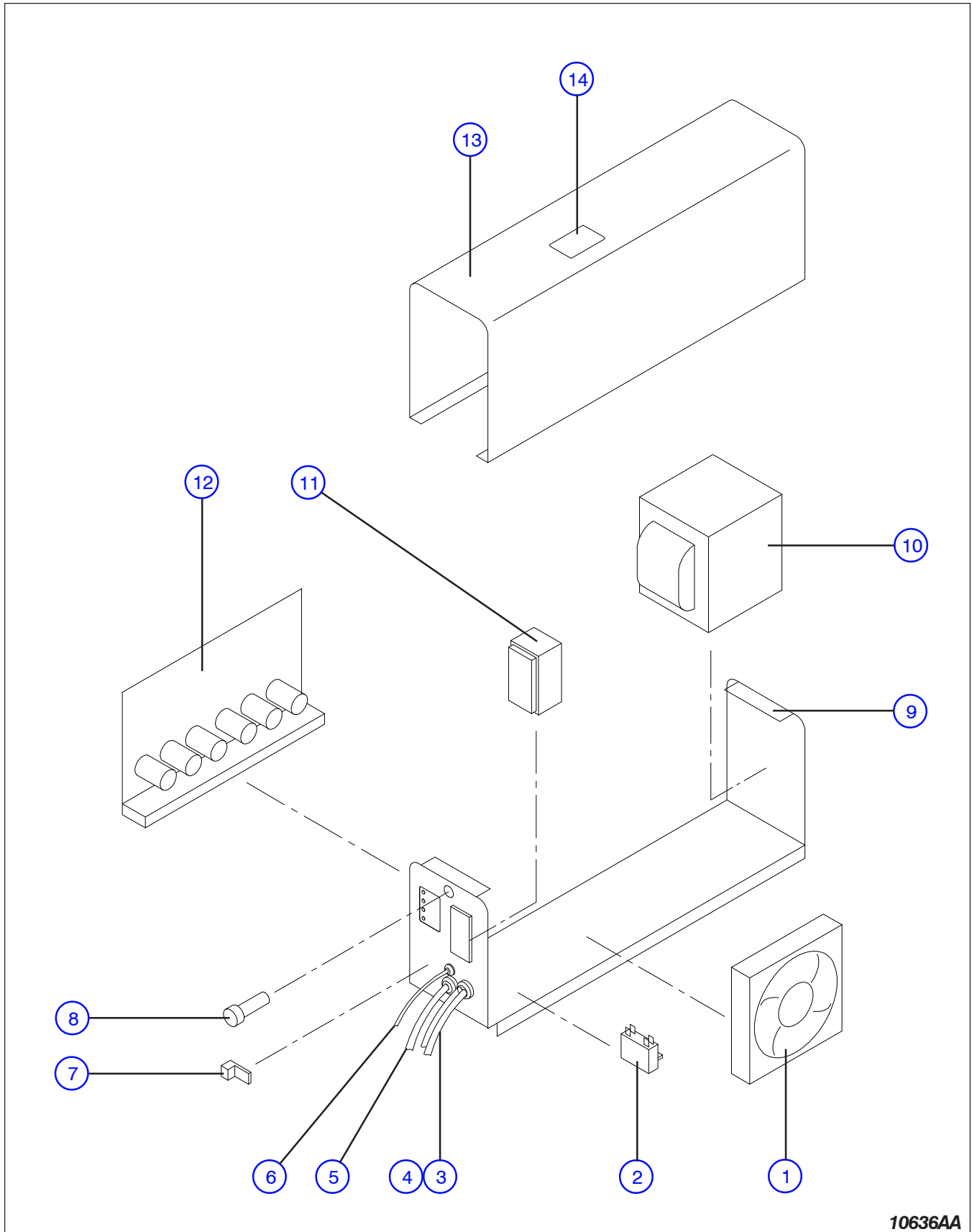


Figure 6.7-1. 24VDC Inverter

AI

Index No.	Skyjack Part No.	Qty.	Description
A	128769	-	INVERTER, 24VDC - 120VAC @ 60 Hz (ANSI/CSA)
B	128770	-	INVERTER, 24VDC - 110/220VAC @ 50 Hz (CE)
C	135990	-	INVERTER, 24VDC - 120VAC @ 60 Hz (ANSI/CSA)
D	135991	-	INVERTER, 24VDC - 110/220VAC @ 50 Hz (CE)
1	132494	1	RELAY, Inverter Timer Cut-Off (If equipped)
	137417	1	RELAY, Inverter Timer Cut-Off (If equipped) (Refer to Section 3 for Serial No. Breakdown chart)
2	103999	2	WASHER, Lock 3/8 nom
3	104606	2	NUT, Lock Hex 3/8-16 grade B
4	103473	2	BOLT, Hex Head, 3/8-16 x 1.00 grade 5, (CE)
	103952	2	BOLT, Flat Head, 3/8-16 x 1.00 grade 5, (Model 32XX & 46XX) (ANSI/CSA)
5	103855	4	BOLT, Hex Head, 1/4-20 x 1/2 grade 5
6	104000	4	WASHER, 1/4" Lock Washer
7	119007	2	MACHINE SCREW, Flat Head 82 1/4-20 x 5/8
8	119061	1	FUSE BOX, C/W Cover
9	103364	1	CONNECTOR, 50 amp A, B
10	129145	1	SUPPORT, Inverter
11	103068	2	INSULATOR, Fuse
12	146442	1	FUSE, 100 AMP
13	112495	2	BOLT, Hex Head 1/4-20 x 3/8 grade 5
14	129187	1	CABLE, 4 GA, 1/4", 21 5/16 (+,+) A, B
15	129157	1	CONNECTOR ASSY, 50 AMP, Grey (24VDC Inverter) A, B
16	103955	2	MACHINE SCREW, RND HD 6-32 x 3/4 A, B
17	146454	1	LABEL, Inverter Fuse (100A)
18	133867	1	CABLE, 4 GA, 1/4", 25 5/16 (+,+) C, D
19	103858	1	BOLT, Hex head 1/4" - 20 x 1-1/4" grade 5
20	115649	1	NUT, Lock hex 1/4" - 20
21	108791	3	CLIP, Cable C, D
22	108503	1	CONNECTOR C, D

Figure 6.7-2. 24VDC Inverter Assembly



10636AA

Figure 6.7-2. 24VDC Inverter Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	128769	-	INVERTER, 24VDC - 120VAC @ 60 Hz (ANSI/CSA) Note: Components breakdown for CE models not available.
1	129861	1	• FAN, 80CFM
2	129862	1	• CAPACITOR, 10uF 230 VAC
3	129866	1	• TERMINAL, Black DC Input Wire W/Ring
4	129865	1	• TERMINAL, Red DC Input Wire W/Ring
5	129864	1	• CORD, Power 14-3 3Ft.
6	129863	1	• Remote On/Off Lead
7	129859	1	• Chassis Bonding Lug
8	129858	1	• Circuit Breaker 15 Amp
9	129855	1	• CASE, Chassis Assembly Z White
10	129860	1	• XFR 24/800 NX
11	129856	1	• GFCI Faceless 20 AMP, 125 VAC
12	129857	1	• PCB Assembly
13	129854	1	• CASE, Cover ZX White
14	130115	1	• LABEL, Inverter Switch

Figure 6.7-3. Inverter Label Placement

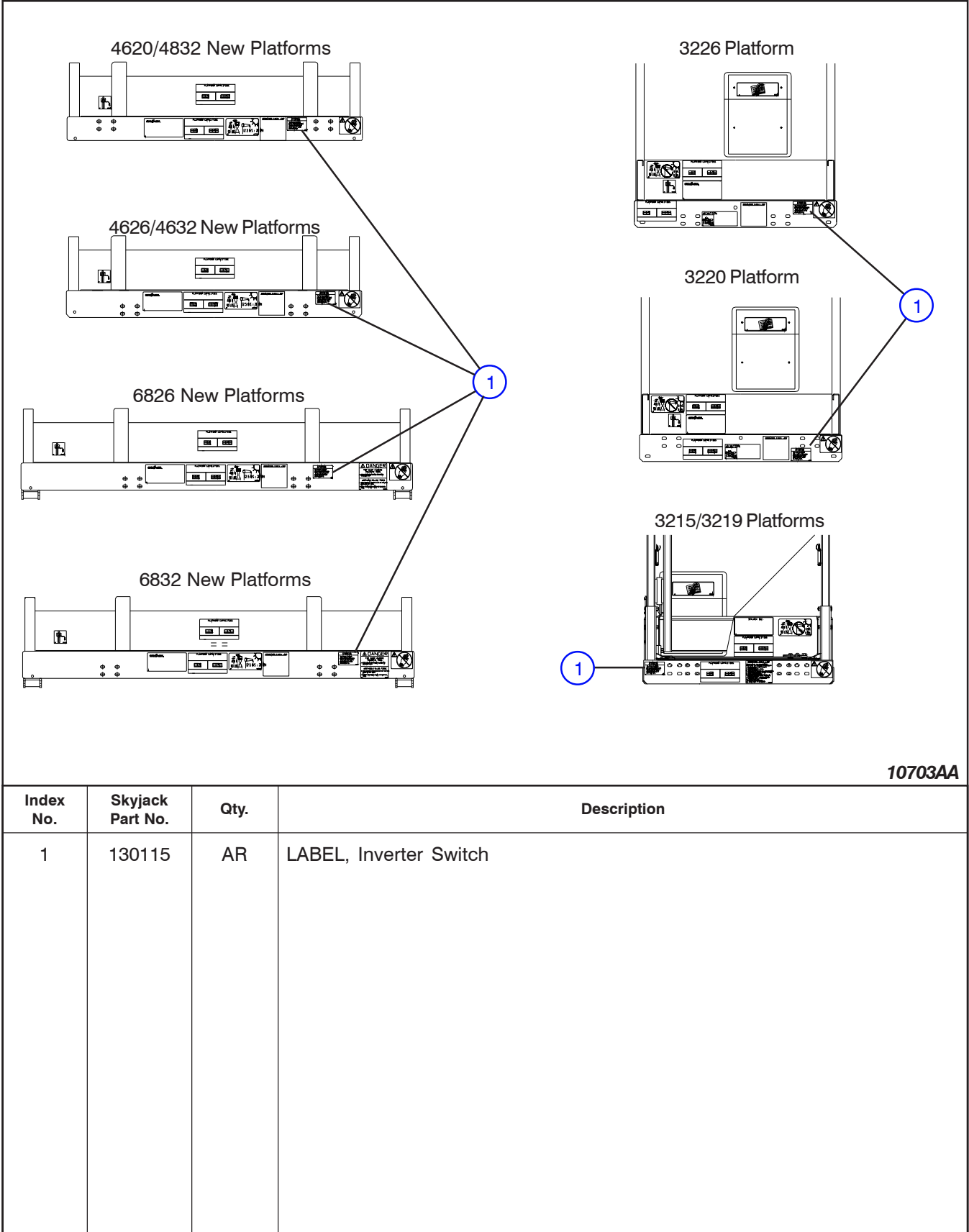
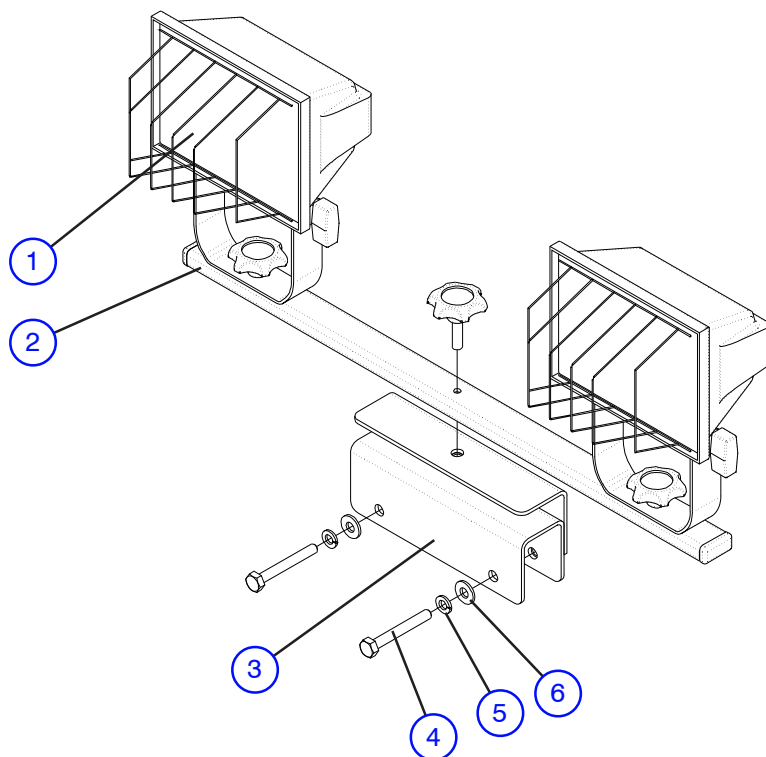


Figure 6.7-4. Work Light Option

AH



M137979AB

Index No.	Skyjack Part No.	Qty.	Description
-	137979	-	ASSEMBLY, Work light
1	141732	1	• BULB, 150 Watt halogen, 78 mm
2	141701	1	• WORK LIGHT, Dual 250 Watt halogen
3	138050	1	• BRACKET, Work light
4	103861	2	• BOLT, Hex head (0.25-20 x 2 grade 5)
5	104000	2	• WASHER, Lock (0.25)
6	103995	2	• WASHER, Flat (0.25)

Label Kits

The following label kits are for models SJIII 3220, 3226, 4620, 4626 & 4632. Each contains labels that are common to all machines.

It excludes:

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

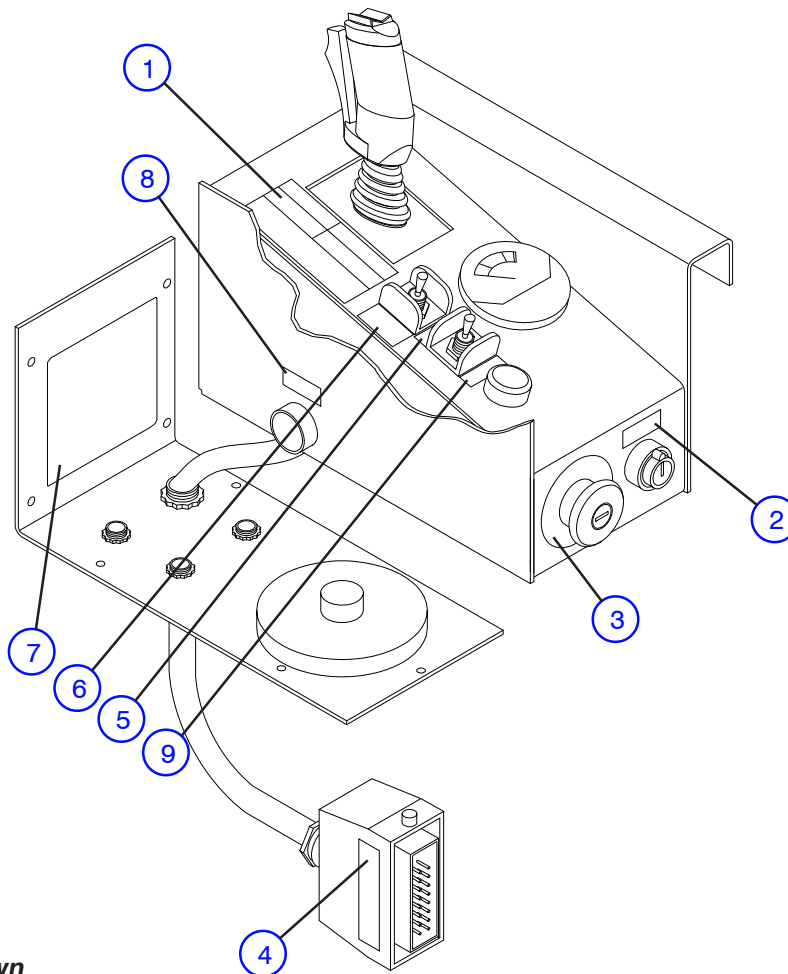
There are two kits for these machines, one for ANSI/CSA and one for CE. Supply model number, country and language when ordering complete machine labels. Items with * are part of the label kit.

Label Kit		
MODELS	ANSI/CSA	CE
	Part # 129980	Part # 129981
3220	615767 & ABOVE	
3226	272100 & ABOVE	
4620	710000 & ABOVE	
4626		
4632		

60393AA



Figure 6.8-2 Labels - Operators Control Box



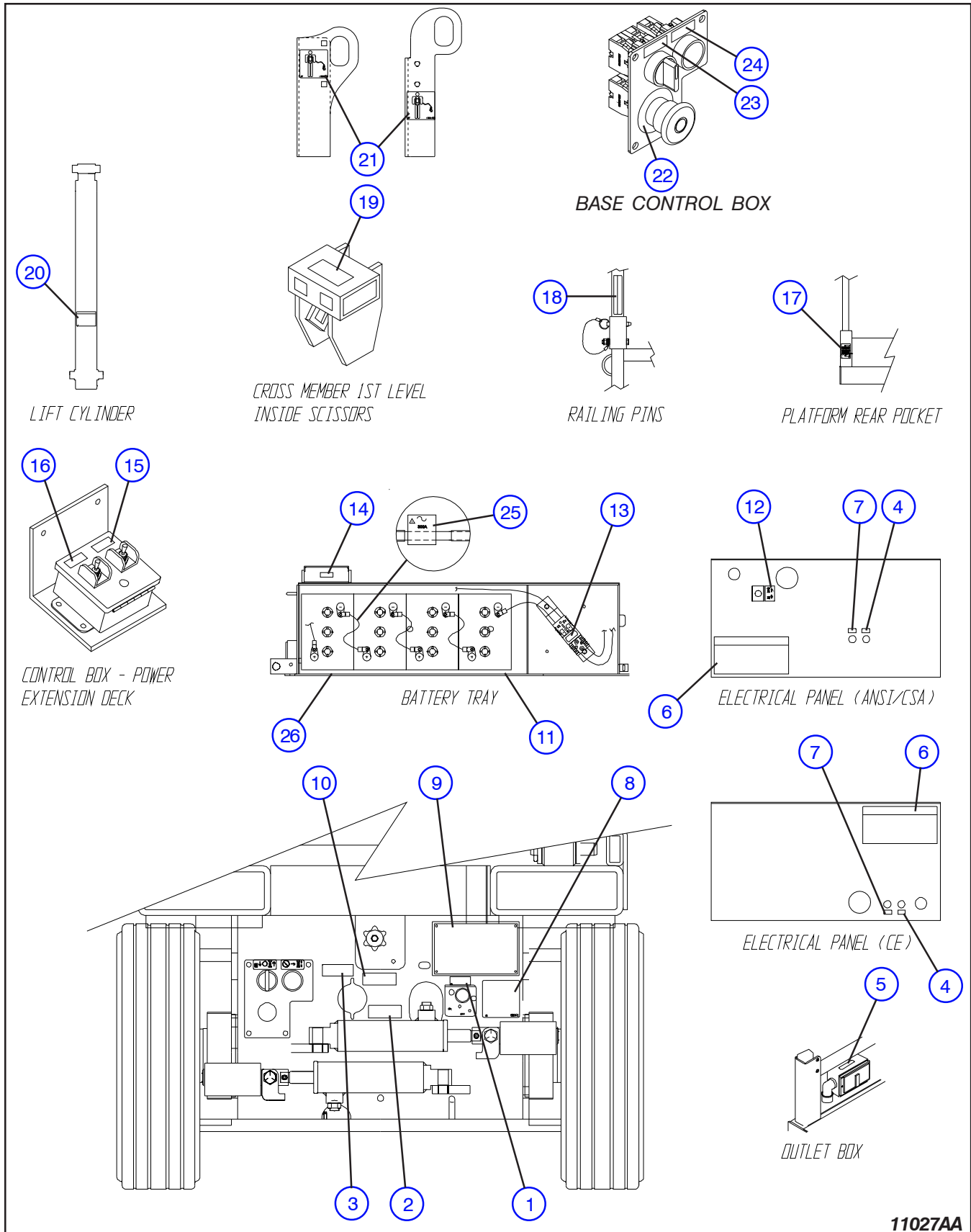
NOTE: CE Model Shown

10990AB

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref.)	-	(To order a complete label kit, refer to Figure 6.8-1)
*1	130434	1	LABEL, Lift/Drive Direction
*2	130637	1	LABEL, Base/Off/Platform (ANSI/CSA Models)
	130617	1	LABEL, Base/Off/Platform (CE Models)
*3	111814	1	LABEL, Emergency Stop
*4	118711	2	LABEL, "Hydraulic Proportional"
*5	130638	1	LABEL, Lift/Off/Drive
*6	116577	1	LABEL, Torque Normal/High
*7	124199	1	LABEL, Joystick Controller
*8	105352	1	LABEL, Horn
9	130639	1	LABEL, Overload (CE)
*Included in the label kit			
NOTE: Supply Model Number, Serial Number, Country and Language when ordering complete machine labels.			

Figure 6.8-3. Labels And Nameplates - Misc

AI



11027AA

Figure 6.8-3. Labels And Nameplates - Misc

AI

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref.)	-	(To order a complete label kit, refer to Figure 6.8-1)
*1	105983	1	LABEL, Off/On (Main disconnect switch)
*2	110333	1	LABEL, Connect AC supply here
3	123274	2	LABEL, AC connection in hazardous locations (EE rated Models Only)
*4	117387	1	LABEL, Push to reset power
*5	201446	1	LABEL, 110 VAC (ANSI/CSA)
	201447	1	LABEL, 220 VAC (CE)
*6	108666	1	LABEL, Warning replacement parts (If equipped)
*7	117389	1	LABEL, Push to reset ground
*8	119674	1	LABEL, Battery disconnect switch location
9	133101	1	NAMEPLATE, Serial number (ANSI/CSA)
	133102	1	NAMEPLATE, Serial number (CE)
	135984	1	NAMEPLATE, Serial number-Model 3220 (For Australia/New Zealand machines only)
	135985	1	NAMEPLATE, Serial number-Model 3226 (For Australia/New Zealand machines only)
*10	103297	1	LABEL, Free-wheeling valve
*11	126032	1	LABEL, Warning "Wood Spacers" (with U2200 Batteries)
	126220	1	LABEL, Warning "Wood Spacers" (with U2500 Batteries)
*12	130803	1	LABEL, Up/Down (on electrical panel - ANSI/CSA Models Only (Later Models)
	103805	1	LABEL, Up/Down (on electrical panel - ANSI/CSA Models Only (Earlier Models)
13	115719	1	LABEL, Connect charger here (EE rated machines)
*14	119915	1	LABEL, Fuse (If equipped with Fuse Box)
15	132003	1	LABEL, Platform extend/retract (Powered extension platform option)
16	132004	1	LABEL, Enable (Power extension platform option)
*17	125724	2	LABEL, Rail height
*18	126056	2	LABEL, Warning, falling hazard (Vertical)
	126057	10	LABEL, Warning, falling hazard (Horizontal) (Model 32XX)
	126057	12	LABEL, Warning, falling hazard (Horizontal) (Model 46XX)
*19	109442	1	LABEL, Emergency lowering
*20	106703	2	LABEL, Orifice detail
*21	130018	7	LABEL, Safety Lanyard
*22	111814	1	LABEL, Emergency Stop
*23	129868	1	LABEL, Up/Down (Base Control Box)
*24	130790	1	LABEL, Enable Lift (Base Control Box)
*25	137276	1	LABEL, 300A +Warning (If equipped with Inline Fuse)
26	137278	1	LABEL, 300A Fuse location (If equipped with Inline Fuse)
			*Included in the label kit
			NOTE: Supply Model Number, Serial Number, Country and Language when ordering complete machine labels.

Figure 6.8-4. Labels And Nameplates - Chassis

AI

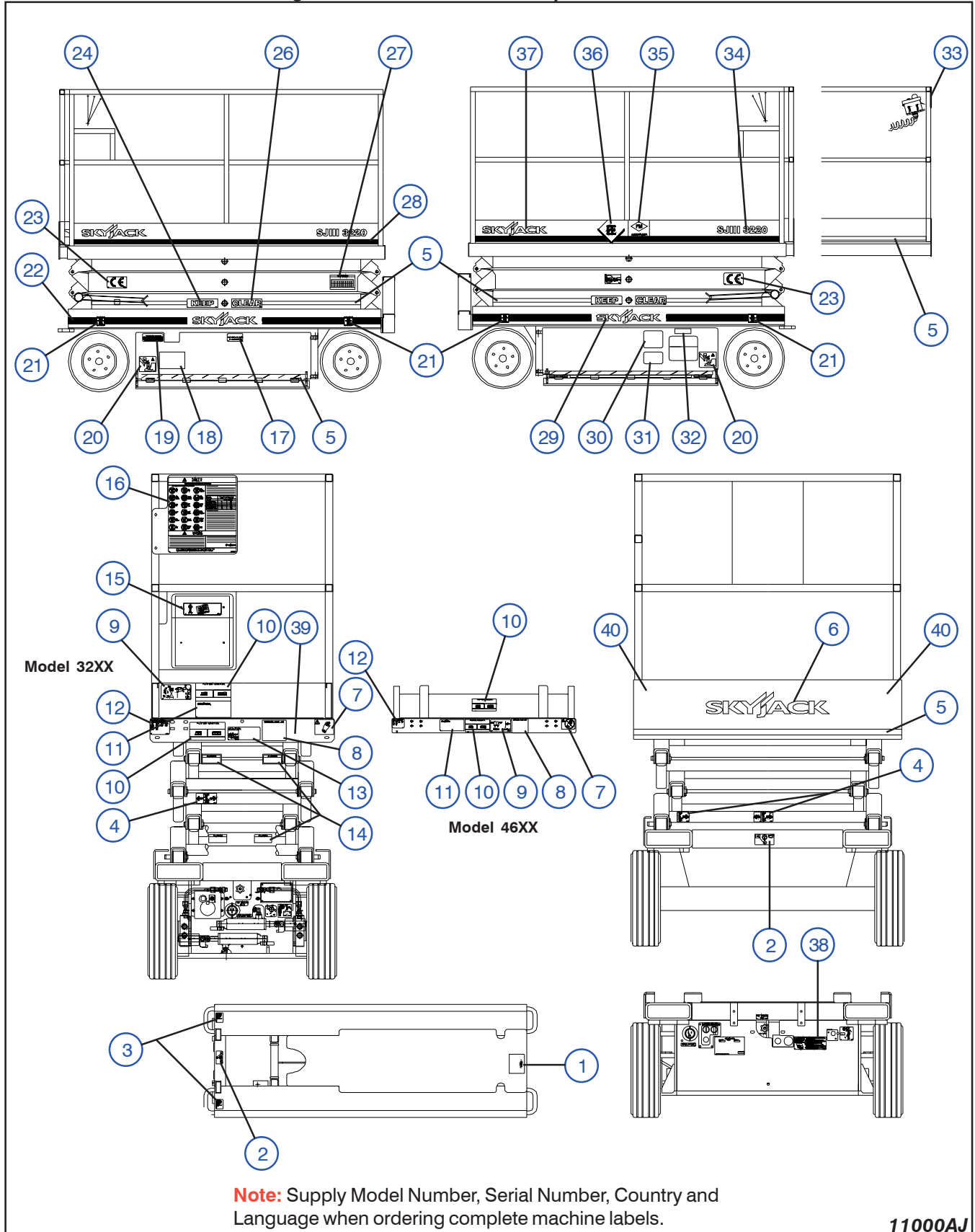


Figure 6.8-4. Labels And Nameplates - Chassis

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Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Figure 6.8-1)
*1	106406	1	LABEL, Maintenance support
*2	124767	2	LABEL, Lift point/tie down
*3	102896	2	LABEL, Forklift boot
*4	127711	1	LABEL, Place safety bar here
5	119803	AR	TAPE, Caution 1"
*6	129773	1	LABEL, Skyjack, medium blue (If equipped)
*7	124362	1	LABEL, Do not wear jewelry
*8	106691	1	LABEL, Operator's checklist
9	134460	1	LABEL, Side force/outdoor (Model 3220/46XX)
	126505	1	LABEL, Side force/no wind (Model 3226)
10	130373	2	LABEL, Platform capacities 900 (600/300), Model 3220 (manual extension)
	130374	2	LABEL, Platform capacities 800 (500/300), Model 3220 (powered extension)
	130318	2	LABEL, Platform capacities 500 (250/250), Model 3226 (manual extension)
	132334	2	LABEL, Platform capacities 1300 (1000/300), Model 4620 (ANSI/CSA)
	130312	2	LABEL, Platform capacities 1100 (800/300), Model 4620 (CE)
	130315	2	LABEL, Platform capacities 1000 (700/300), Model 4626 (ANSI/CSA)
	130314	2	LABEL, Platform capacities 850 (550/300), Model 4626 (CE)
	132333	2	LABEL, Platform capacities 700 (450/250), Model 4632
	136270	2	LABEL, Platform capacities, Model 3220 (AU)
	136271	2	LABEL, Platform capacities, Model 3226 (AU)
*11	146525	1	LABEL, On/Off Slab (ANSI/CSA) (Order Part # 129999 for Machines with Serial #'s 27000915 (32XX), 70001170 (46XX) and Below)
	129772	1	LABEL, On/Off Slab (CE)
12	132209	1	LABEL, Registration (For Australia/New Zealand machines)
*13	106515	1	LABEL, Caution, brake
*14	106705	3	LABEL, Do not alter
*15	123628	1	LABEL, Manual enclosed
*16	146526	1	LABEL, Danger/Warning Info (Order Part # 128742 for Machines with Serial #'s 27000915 (32XX), 70001170 (46XX) and Below)
*17	108442	1	LABEL, Push to "Down" (ANSI/CSA)
			Part list continued on the following page.
			*Included in the label kit
			NOTE: Supply Model Number, Serial Number, Country and Language when ordering complete machine labels.

Figure 6.8-4. Labels And Nameplates - Chassis (Continued)

AI

Index No.	Skyjack Part No.	Qty.	Description
			Part list continued on the following page.
-	(Ref)	-	(To order a complete label kit, refer to Figure 6.8-1)
*18	114378	1	LABEL, Hydraulic System Oil (Inside Tray)
	102961	1	LABEL, "Use Hydraulic Oil ATF Dextron III"
*19	109442	1	LABEL, Emergency lowering
*20	119866	4	LABEL, Danger, pinch hand/foot
21	132396	4	LABEL, Wheel Load (Model 32XX)
	132395	4	LABEL, Wheel Load (Model 4620)
	132394	4	LABEL, Wheel Load (Model 4626/4632)
22	103110	AR	STRIPE, Red/blue/red
*23	117023	2	LABEL, "CE"
*24	129838	2	LABEL, Keep
*26	129839	2	LABEL, Clear
*27	109985	1	LABEL, Annual inspection
28	103125	AR	STRIPE, White/blue
*29	129759	2	LABEL, Skyjack logo, small
30	124465	1	LABEL, Side force/outdoor (Model 3220/46XX)
	126505	1	LABEL, Side force/no wind (Model 3226)
31	121047	1	LABEL, Warning, do not disconnect (EE-rated)
*32	110334	1	LABEL, Battery charger connection in tray (If equipped)
*33	116038	1	LABEL, Attention, power deck (with power extension option) (If equipped)
34	129796	2	LABEL, Model Designation SJIII 3220
	129798	2	LABEL, Model Designation SJIII 3226
	129799	2	LABEL, Model Designation SJIII 4620
	129800	2	LABEL, Model Designation SJIII 4626
	132376	2	LABEL, Model Designation SJIII 4632
35	104588	2	LABEL, FM approved (EE-rated)
36	104589	2	LABEL, EE symbol (EE-rated)
*37	129758	2	LABEL, Skyjack logo, small blue
*38	136989	1	LABEL, Manual release for towing (Model 46XX) (For models with serial number 713315 and above)
39	146022	1	LABEL, California proposition 65 warning (ANSI/CSA)
40	137988	2	LABEL, Crush/punch/hazard
			*Included in the label kit
			Note: Supply Model Number, Serial Number, Country, and Language when ordering complete machine labels.