

# Full-Size Rough Terrain Series

## 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 subassemblies comprising the work platform are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly order. If a part cannot be found in this 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.

CUSTOMER \_\_\_\_\_

DEALER \_\_\_\_\_

MODEL NUMBER \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

DATE PURCHASED \_\_\_\_\_

### Quantities (Units Per Assembly)

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.

## Use Only Skyjack Authorized Replacement Parts!

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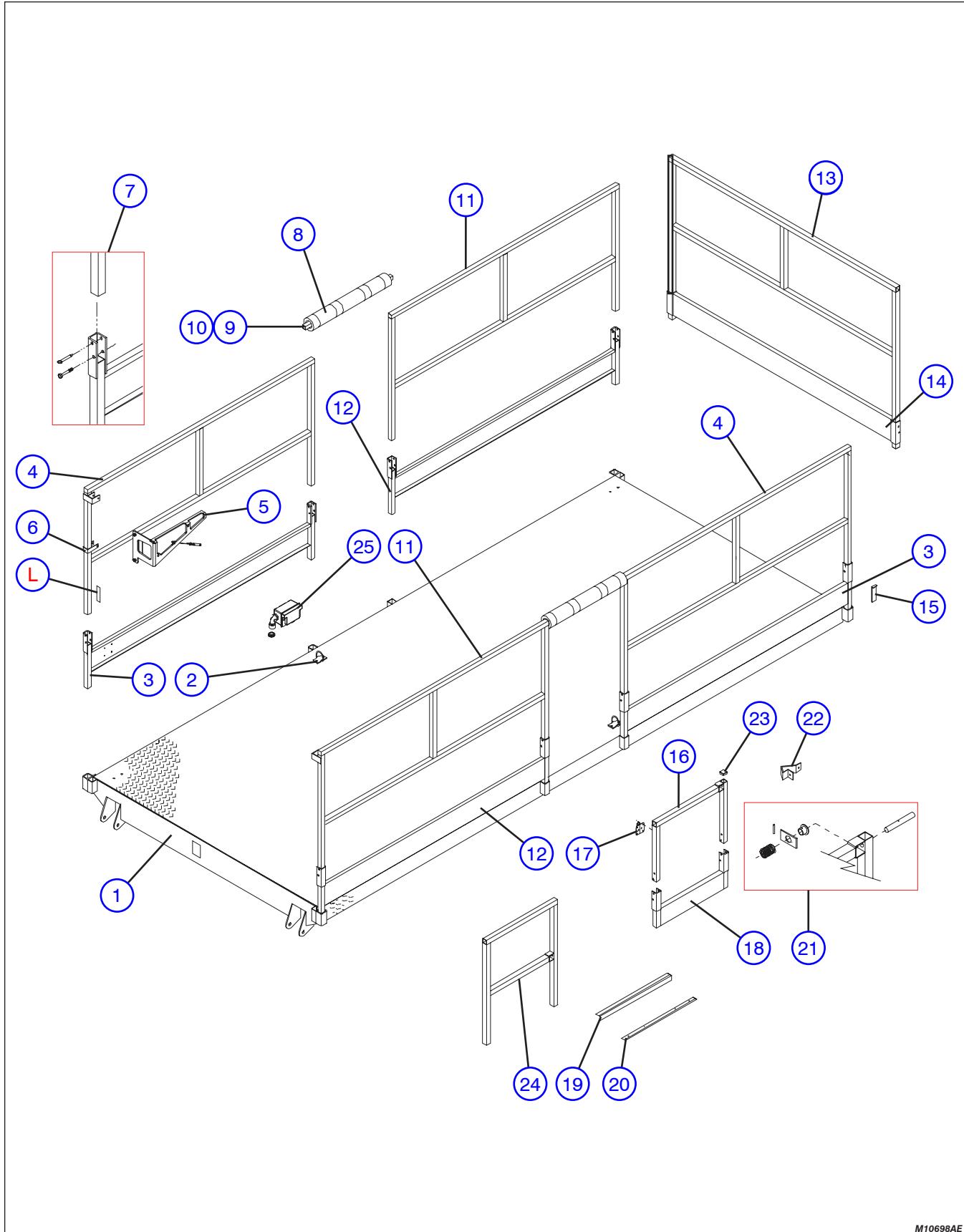
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**Figure 1.1 Main Platform and Railings**



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**Figure 1.1 Main Platform and Railings**

Index No.	Skyjack Part No.	Qty.	Description
1	116735	1	WELDMENT, Main platform ( <b>Model 9250</b> )
	147872	1	WELDMENT, Main platform ( <b>Model 9241</b> )
2	(Ref.)	-	RING KIT, Safety <i>(For components, refer to Figure 1.11)</i>
3	116719	2	RAILING, Hinged bottom (RH) front & bottom (LH) rear
4	116721	AR	RAILING, Hinged top (RH) front & top (LH) rear <i>(on end(s) without ext. platform)</i>
	108060	AR	RAILING, Hinged top (RH) front & top (LH) rear <i>(on end(s) with ext. platform)</i>
5	132814	1	CONTROL CONSOLE SUPPORT ASSEMBLY
	132816	1	• WELDMENT, Control console mount
	103865	2	• BOLT, Hex head (5/16"-18 x 2", Grade 5)
	103984	2	• NUT, Lock (5/16"-18, Grade 5)
	103996	2	• WASHER, Flat (5/16")
	124547	1	• QUICK RELEASE PIN ASSEMBLY <i>(small loop)</i>
	134355	1	• Screw, Flat head machine (1/2"-20 x .75)
	115649	1	• NUT, Hex nylon lock (1/2"-20, Grade 5)
6	113164	1	CLAMP, Cable
7	(Ref.)		PIN, Locking <i>(For components, refer to Figure 1.4)</i>
8	104183	2	PAD, Entry insulation (27" lg.) <i>(half gate)</i>
9	106915	2	RAILING, Gate entry top <i>(half gate)</i>
	103885	4	BOLT, Hex head (5/16"-18 x 2")
	103984	4	NUT, Lock (5/16"-18)
10	103550	AR	WASHER, Nylon shoulder pad
11	116720	AR	RAILING, Hinged top (RH) rear & top (LH) front <i>(on end(s) without ext. platform)</i>
	108060	AR	RAILING, Hinged top (RH) rear & top (LH) front <i>(on end(s) with ext. platform)</i>
12	116717	2	RAILING, Hinged bottom (RH) rear & bottom (LH) front
13	116724	AR	RAILING, Hinged top end <i>(one or no extension platform)</i>
14	116722	AR	RAILING, Hinged bottom end <i>(one or no extension platform)</i>
15	107614	8	PLATE, Railing retainer
	104625	16	SCREW, Set (3/8"-16 x 5/8")
	103978	16	NUT, Hex (3/8"-16)
16	117290	2	WELDMENT, Hinged gate top <i>(half gate)</i>
17	117277	4	HINGE, Spring return
	103856	12	BOLT, Hex head (1/4"-20 x 3/4")
	103995	12	WASHER, Lock (1/4")
	103980	12	UT, Hex (1/4"-20)
	103632	12	BOLT, Self-tapping (1/4"-14 x 3/4")
18	117289	2	WELDMENT, Hinged gate bottom
19	120143	2	CLAMP, Aluminium door sweep <b>(CE)</b>
20	119943	2	STRIP, Door sweep rubber <b>(CE)</b>
	103873	4	BOLT, Hex head (3/8"-16 x 2-1/2")
	104606	4	NUT, Lock (3/8"-16)
21	(Ref.)	-	LATCH ASSEMBLY <i>(For components, refer to Figure 1.2)</i>

**Parts list continued on the following page.**

**Figure 1.1 Main Platform and Railings (Continued)**

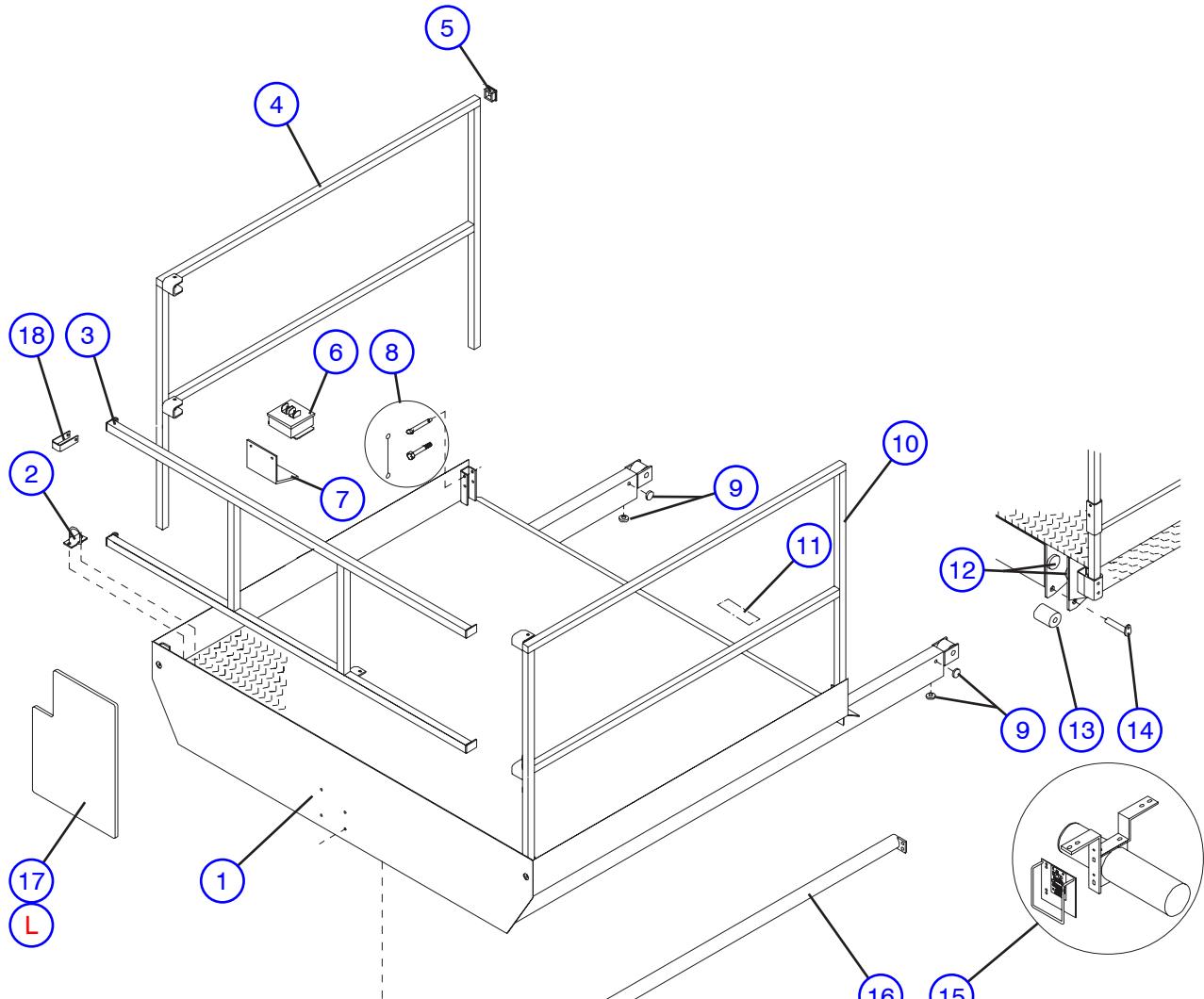
Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
22	110693	2	STOP, Latch
	103632	4	SCREW, Self-tapping (1/4"-14 x 3/4")
23	100702	AR	CAP, Tube end
24	117291	2	WELDMENT, Hinged gate top ( <b>full gate</b> )
25	(Ref.)	1	AC OUTLET ASSEMBLY (For components, refer to Figure 7.14)
L	(Ref.)	-	LABELS (Refer to Figure 8.3)

**Figure 1.2 Gate Latch Assembly**

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Index No.	Skyjack Part No.	Qty.	Description
-	110824	-	LATCH PIN SPRING ASSEMBLY
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 1.3 Powered Extension Platform**

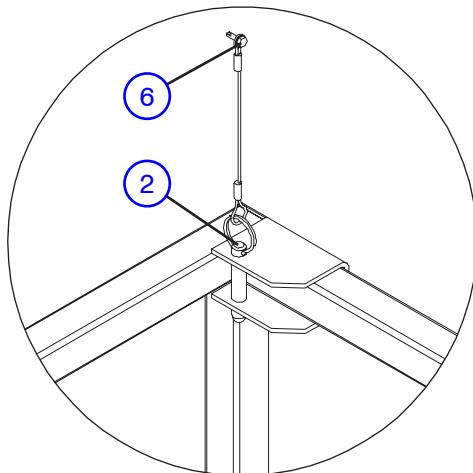


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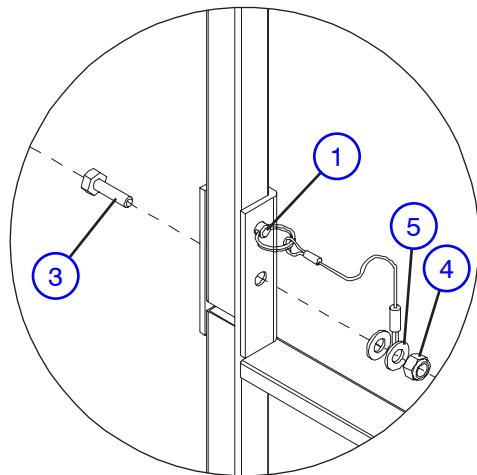
**Figure 1.3 Powered Extension Platform**

Index No.	Skyjack Part No.	Qty.	Description
			<b>NOTE:</b> Quantities shown are for single extension platform.
1	108318	1	WELDMENT, Extension platform
2	(Ref.)		RING KIT, Safety <i>(For components, refer to Figure 1.11)</i>
3	116731	1	RAILING, Front extension platform
4	116727	1	RAILING, Extension platform (RH)
5	100702	AR	CAP, Tube end
6	(Ref.)	-	POWERED EXTENSION ELECTRICAL BOX ASSEMBLY <i>(For components, refer to Figure 1.8)</i>
7	(Ref.)	-	PLATE, Control console mounting <i>(For components, refer to Figure 1.8)</i>
8	(Ref.)		PIN, Lock (3/8") <i>(For components, refer to Figure 1.4)</i>
9	101955	AR	PAD, Extension platform slider
10	116726	1	RAILING, Extension platform (LH)
	103872	4	BOLT, Hex head (3/8"-16 x 2-1/4")
	104606	4	NUT, Lock (3/8"-16)
11	107057	5	PAD, Slider bottom
12	101956	AR	PAD, Main platform slider
13	108371	2	ROLLER, Extension platform
14	102226	AR	PIN, Roller
15	(Ref.)	1	VALVES & MOUNTING HARDWARE POWER UNIT ASSEMBLY <i>(For components, refer to Figure 1.7)</i>
16	(Ref.)	1	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY <i>(For components, refer to Figure 1.6)</i>
17	130229	1	PLATE, Info/Warning mount
18	113164	1	CLAMP, Cable
L	(Ref.)	-	LABELS <i>(Refer to Figure 8.3)</i>

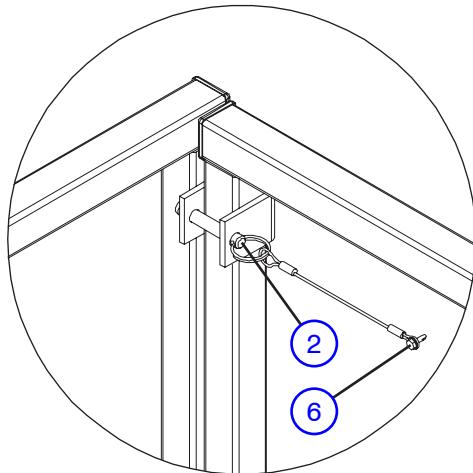
**Figure 1.4 Quick Release Pin Assemblies**



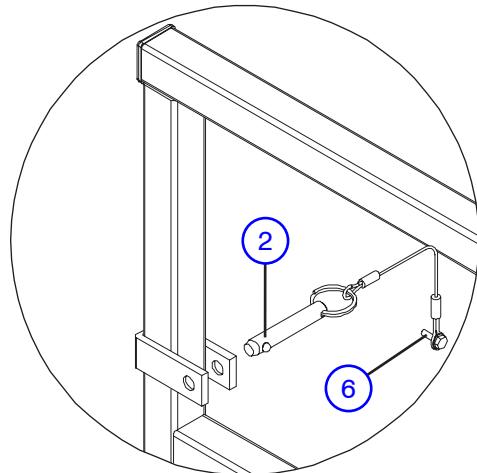
EXTENSION PLATFORM TOP/MIDDLE



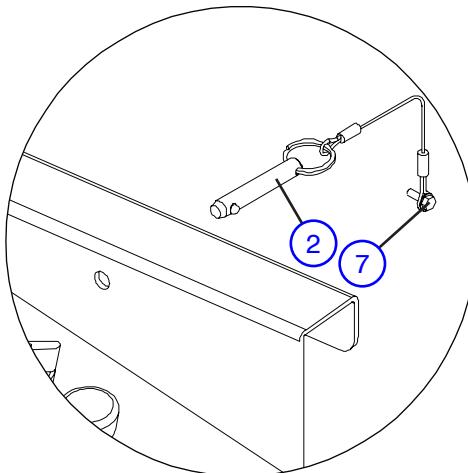
SIDE RAILINGS/END RAILINGS BOTTOM



END RAILINGS TOP (No extension)



CONTROL BOX HARNESS



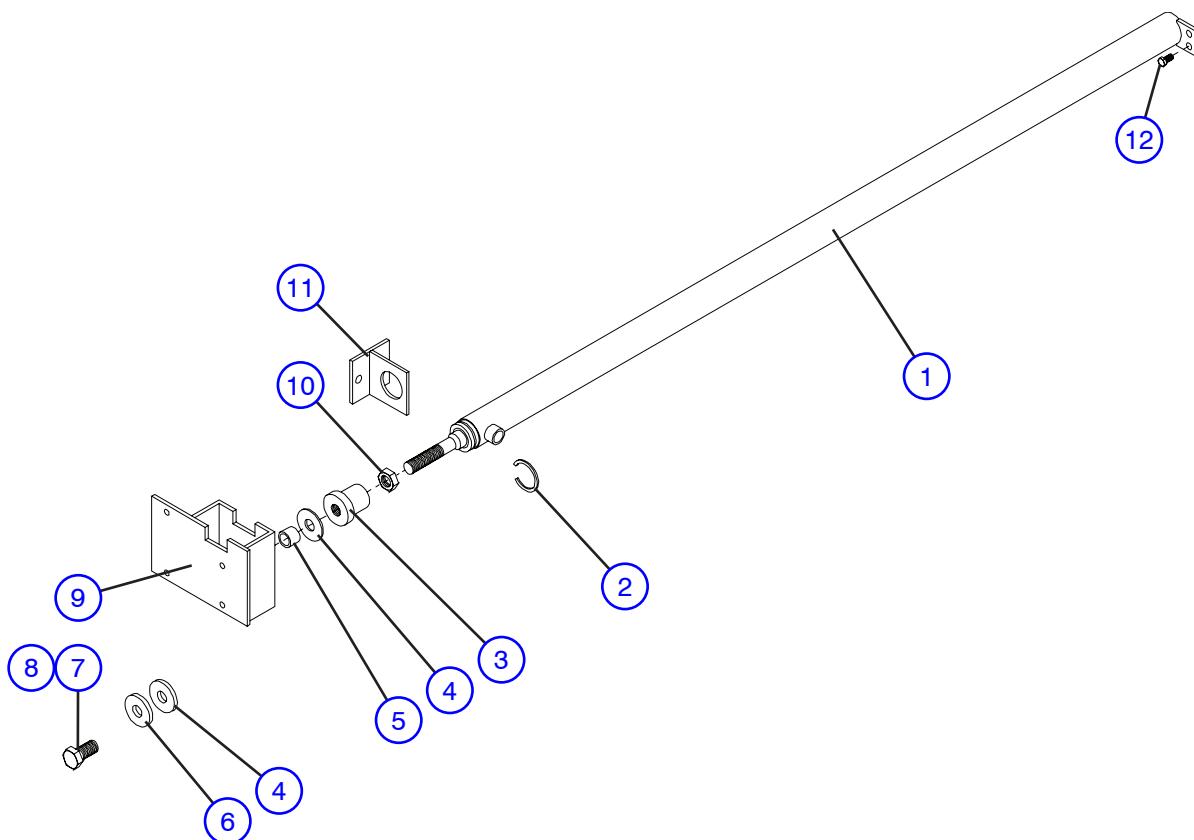
CONTROL BOX MOUNT

M10776AA

**Figure 1.4 Quick Release Pin Assemblies**

Index No.	Skyjack Part No.	Qty.	Description
1	124548	AR	QUICK RELEASE LARGE LOOP PIN ASSEMBLY
	100509	AR	• PIN, Quick release (3/8" diameter x 2")
	105807	AR	• LANYARD (6")
2	124547	AR	QUICK RELEASE SMALL LOOP PIN ASSEMBLY
	100509	AR	• PIN, Quick release (3/8" diameter x 2")
	105807	AR	• LANYARD (6")
3	103874	AR	BOLT, Hex head (3/8" - 16 x 2 3/4", Grade 5)
4	104606	AR	NUT, Hex head nylon lock (3/8" - 16, Grade 5)
5	103472	AR	WASHER, Flat (3/8")
6	112327	AR	SCREW, Self tapping hex head (3/8" - 18 x 1/2")
7	103856	1	BOLT, Hex head (1/4" - 20 x 3/4")

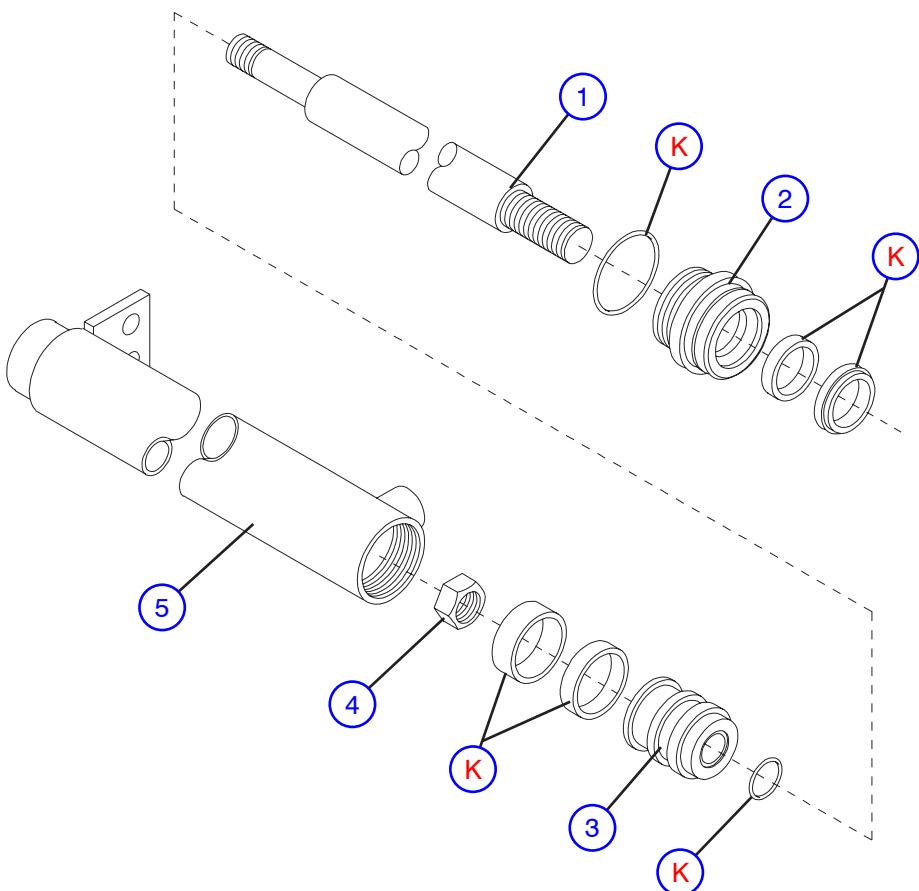
**Figure 1.5 Powered Extension Platform Cylinder Mounting Assembly**



M10773AA

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY (For components, refer to Figure 1.6)
2	106446	1	RING, Retaining
3	113331	1	ADAPTER, Cylinder rod
4	113305	2	ISOLATOR, Cylinder rod
5	115544	1	SPACER (3/4" x 1" x 3/4")
6	113304	2	WASHER, Isolator (3/4" ID x 2" OD)
7	113360	1	BOLT, Hex head (3/4"-16 x 1.50")
8	104002	1	WASHER, Lock (3/4")
9	113334	1	WELDMENT, Cylinder rod mount
10	106450	1	NUT, Jam (3/4"-16, Grade 5)
11	108366	1	WELDMENT, Cylinder rod support
12	101297	2	BOLT, Hex head (3/8"-16 x 1.25", Grade 5)
	103472	4	WASHER, Flat (3/8")
	104606	2	NUT, Lock (3/8")

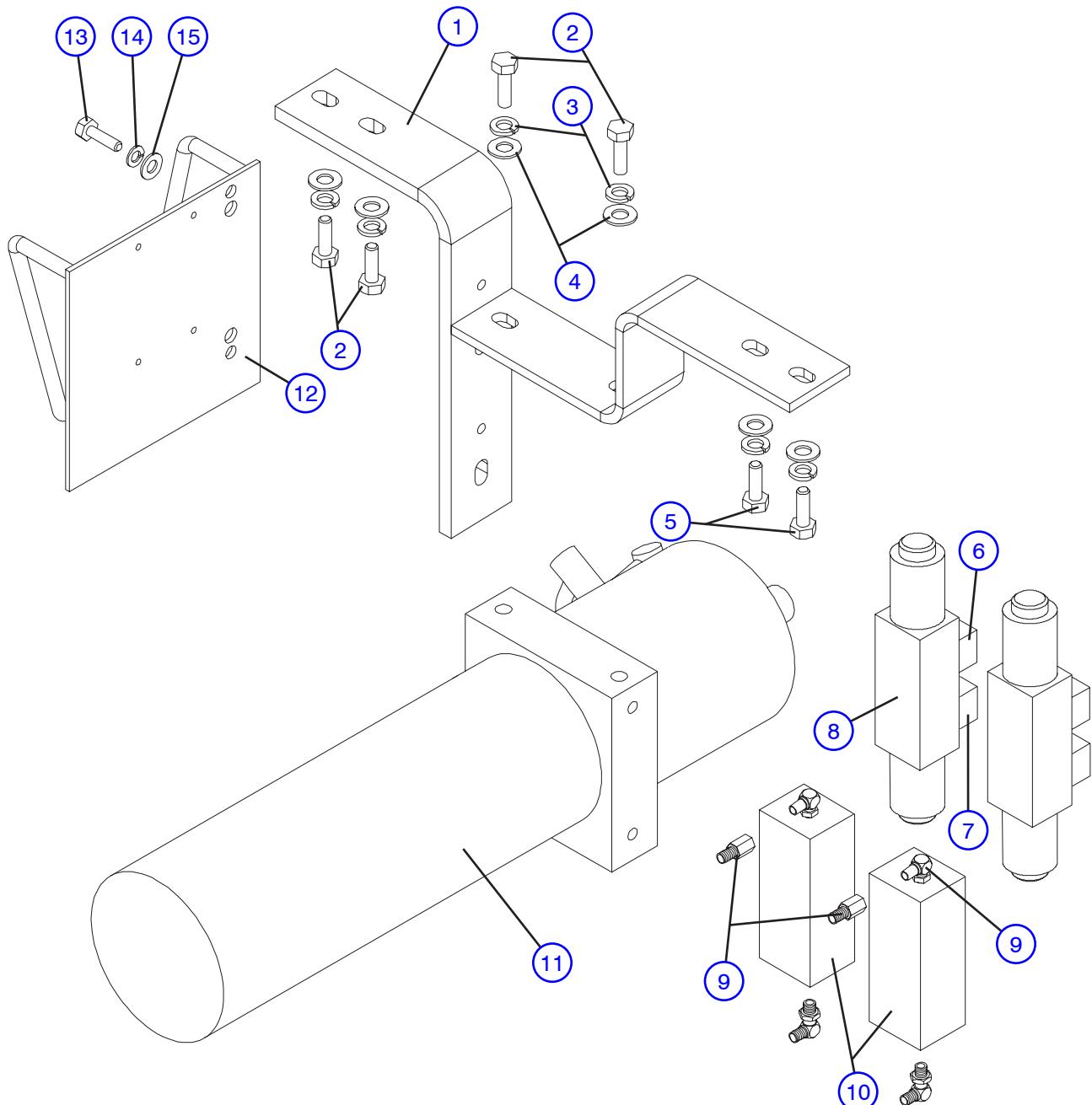
**Figure 1.6 Powered Extension Platform Cylinder Assembly**



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Index No.	Skyjack Part No.	Qty.	Description
-	120255	-	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY
1	117927	1	• ROD, Piston
2	120254	1	• GLAND, Cylinder end
3	117942	1	• PISTON, Cylinder
4	103830	1	• NUT, Lock (5/8"-11)
5	120249	1	• WELDMENT, Cylinder barrel
K	107396	1	KIT, Seal

**Figure 1.7 Powered Extension Power Unit Assembly**

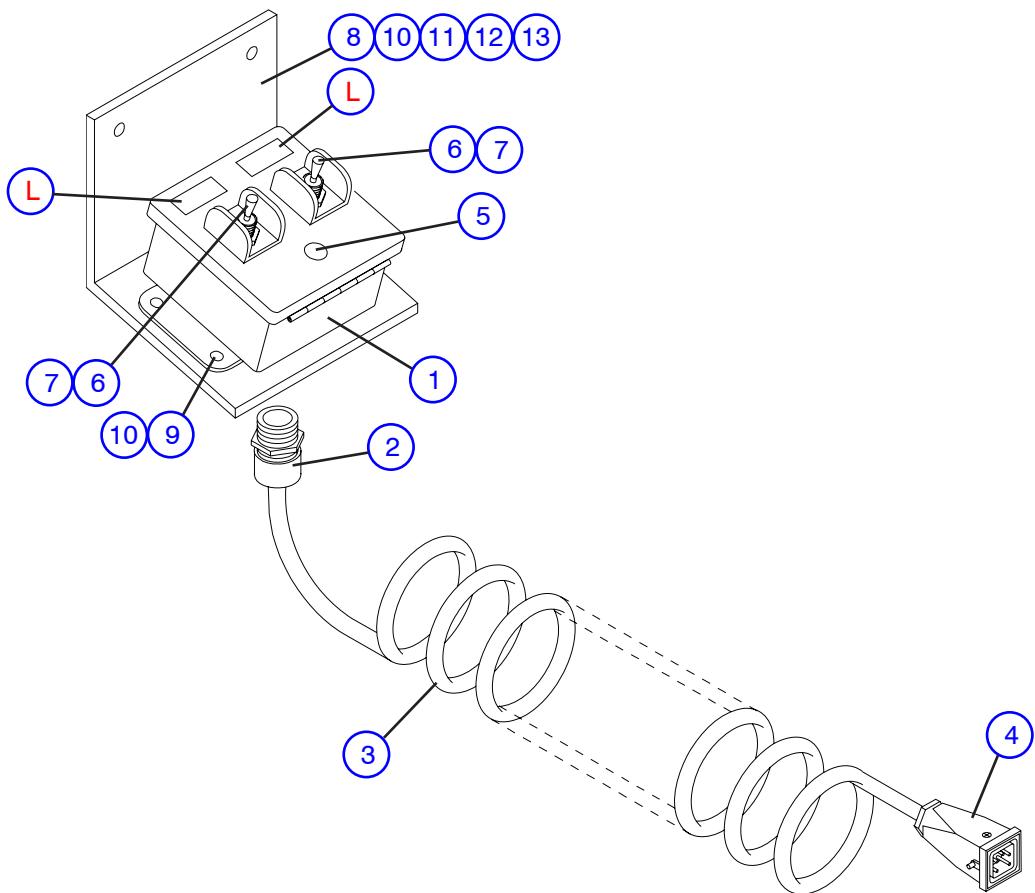


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**Figure 1.7 Powered Extension Power Unit Assembly**

Index No.	Skyjack Part No.	Qty.	Description
1	118630	1	BRACKET, Power unit mounting
2	103473	6	BOLT, Hex head (3/8"-16 x 1", Grade 5)
3	103999	8	WASHER, Lock (3/8")
4	103472	8	WASHER, Flat (3/8")
5	101632	2	BOLT, Hex head (3/8"-16 x 0.75", Grade 5)
6	104345	1	CONNECTOR, Gray
7	104409	1	CONNECTOR, Black
8	128318	1	VALVE ASSEMBLY, Direction 12V spool
	128321	2	• COIL, Spool valve (12V)
9	(Ref.)	-	FITTINGS, Hydraulic <i>(For components, refer to Figure 1.12 &amp; 1.13)</i>
10	111291	AR	BLOCK MANIFOLD, Secondary subplate
11	118642	1	POWER UNIT ASSEMBLY (12Volt) • CAP, Filler/Breather
	300243	1	• MOTOR (12VDC)
	300248	1	• BRUSH SET, Motor
	113172	AR	• SOLENOID (12VDC)
	300242	1	• PUMP, Hydraulic (1.2 GPM)
	113173	1	• VALVE, Relief (500 psi setting)
	113286	1	• BOLT, Socket (#10-24, Grade 5 x 2 SHC)
12	(Ref.)	4	BRACKET, Power platform PC board <i>(For components, refer to Figure 1.9 or 1.10)</i>
13	103864	2	BOLT, Hex head (5/16"-18 x 1", Grade 5)
14	103404	2	WASHER, Lock (5/16")
15	103996	2	WASHER, Flat (5/16")

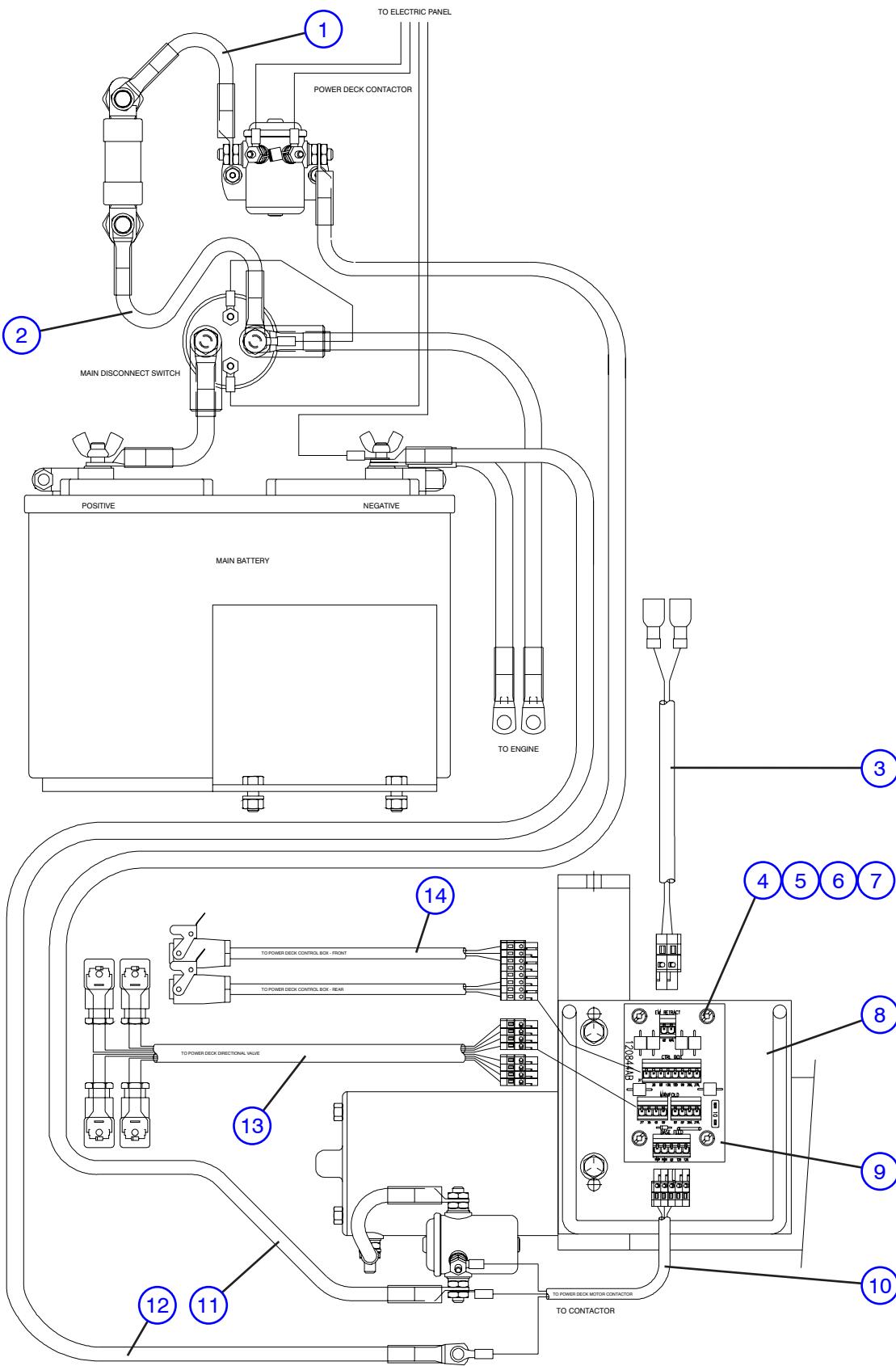
**Figure 1.8 Powered Extension Platform Control Console**



M10198AA

Index No.	Skyjack Part No.	Qty.	Description
-	115592	-	POWERED EXTENSION PLATFORM CONTROL CONSOLE ASSEMBLY
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 pin male
	103567	1	• • HOUSING, Base with strain relief connector
	132790	1	• • • HOUSING
	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	117188	1	PLATE, Powered extension control console mounting
9	103856	4	BOLT, Hex head (0.25-20 x 0.75, Grade 5)
10	104000	6	WASHER, Lock (0.25)
11	103995	2	WASHER, Flat (0.25)
12	103980	2	NUT, Hex head (0.25-20, Grade 8)
13	103860	2	BOLT, Hex head (0.25-20 x 1.75, Grade 5)
L	(Ref.)	-	LABELS (Refer to Figure 8.3)

**Figure 1.9 Powered Extension Platform Electrical Panel - Model 9250 ANSI**

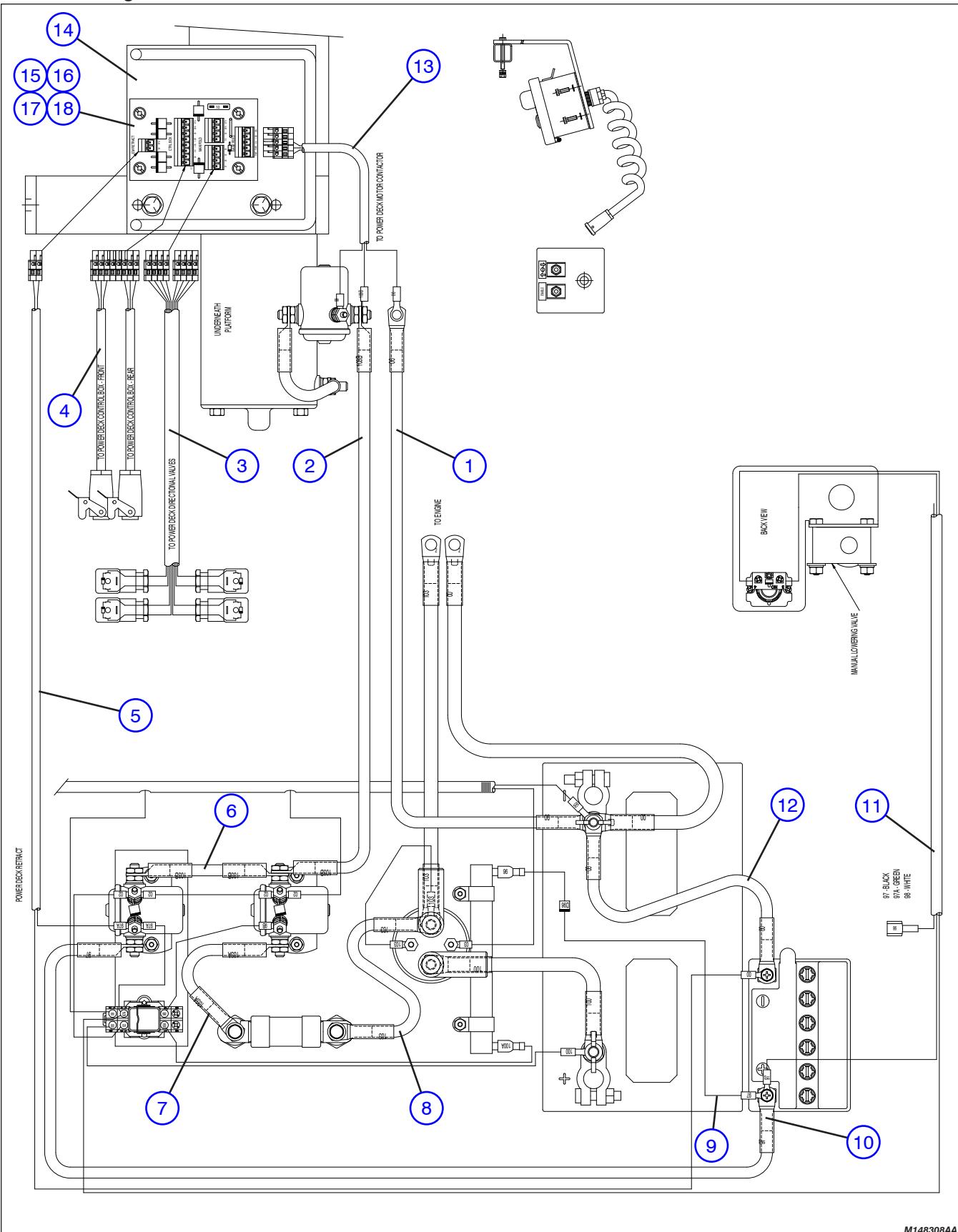


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**Figure 1.9 Powered Extension Platform Electrical Panel - Model 9250 ANSI**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	-	-	SINGLE POWERED EXTENSION PLATFORM
<b>B</b>	-	-	DOUBLE POWERED EXTENSION PLATFORM (Shown)
1	119602	1	CABLE (#4GA, 5/16 x 4.5" x 1/4)
2	119601	1	CABLE (#4GA, 3/8 x 8" x 1/4)
3	134496	1	HARNESS, Emergency extension platform retraction
	103256	888"	CABLE, Cabtire (18/2)
	119894	1	CONNECTOR, PC board 2 pin
4	120844	1	BOARD, Power platform PC
5	104698	4	BOLT, Machine (#10-32 x 0.75")
6	104694	4	WASHER, Flat (#10 SAE)
7	104185	4	WASHER, Lock (#10 NOM)
8	122169	1	BRACKET, Power platform PC board
9	120658	1	FUSE (10A)
10	122154	1	HARNESS, Power platform pump contactor
	119897	1	<ul style="list-style-type: none"> <li>• PLUG, 5 Pin PC board connector</li> </ul>
	103257	24"	<ul style="list-style-type: none"> <li>• CABTIRE (18/3)</li> </ul>
	119752	1	<ul style="list-style-type: none"> <li>• TERMINAL (22-16GA, #10 ring, red)</li> </ul>
	120070	2	<ul style="list-style-type: none"> <li>• TERMINAL (22-16GA, 5/16" ring, red)</li> </ul>
11	119613	894"	CABLE ASSEMBLY (#4) (Cabinet Contactor to Solenoid)
12	119614	894"	CABLE ASSEMBLY (#4) (Battery to Solenoid)
13	122155	1	HARNESS, Power platform directional valves, <b>A</b>
	122171	1	HARNESS, Power platform directional valves, <b>B</b>
	119896	1	<ul style="list-style-type: none"> <li>• PLUG, 4 Pin PC board connector, <b>A</b></li> </ul>
		2	<ul style="list-style-type: none"> <li>• PLUG, 4 Pin PC board connector, <b>B</b></li> </ul>
	119825	2	<ul style="list-style-type: none"> <li>• CONNECTOR, Solenoid (with diode) <b>A</b></li> </ul>
		4	<ul style="list-style-type: none"> <li>• CONNECTOR, Solenoid (with diode) <b>B</b></li> </ul>
	111354	20"	<ul style="list-style-type: none"> <li>• PROTECTOR, Wire (3/8") <b>A</b></li> </ul>
	120748	20"	<ul style="list-style-type: none"> <li>• PROTECTOR, Wire (1/2") <b>B</b></li> </ul>
14	122156	1	HARNESS, Power platform control console, <b>A</b>
	122172	1	HARNESS, Power platform control console, <b>B</b>
	119900	1	<ul style="list-style-type: none"> <li>• PLUG, 8 Pin PC board connector</li> </ul>
	103257	204"	<ul style="list-style-type: none"> <li>• CABTIRE (18/3), <b>A</b></li> </ul>
		408"	<ul style="list-style-type: none"> <li>• CABTIRE (18/3), <b>B</b></li> </ul>
	107711	1	<ul style="list-style-type: none"> <li>• CONNECTOR, Cabtire 5 Pin female, <b>A</b></li> </ul>
		2	<ul style="list-style-type: none"> <li>• CONNECTOR, Cabtire 5 Pin female, <b>B</b></li> </ul>
	103568	1	<ul style="list-style-type: none"> <li>• HOUSING, Female with strain relief connector</li> </ul>
	132789	1	<ul style="list-style-type: none"> <li>• • HOUSING</li> </ul>
	132110	1	<ul style="list-style-type: none"> <li>• • • CONNECTOR, Strain relief</li> </ul>
	103570	1	<ul style="list-style-type: none"> <li>• • INSERT, Female</li> </ul>

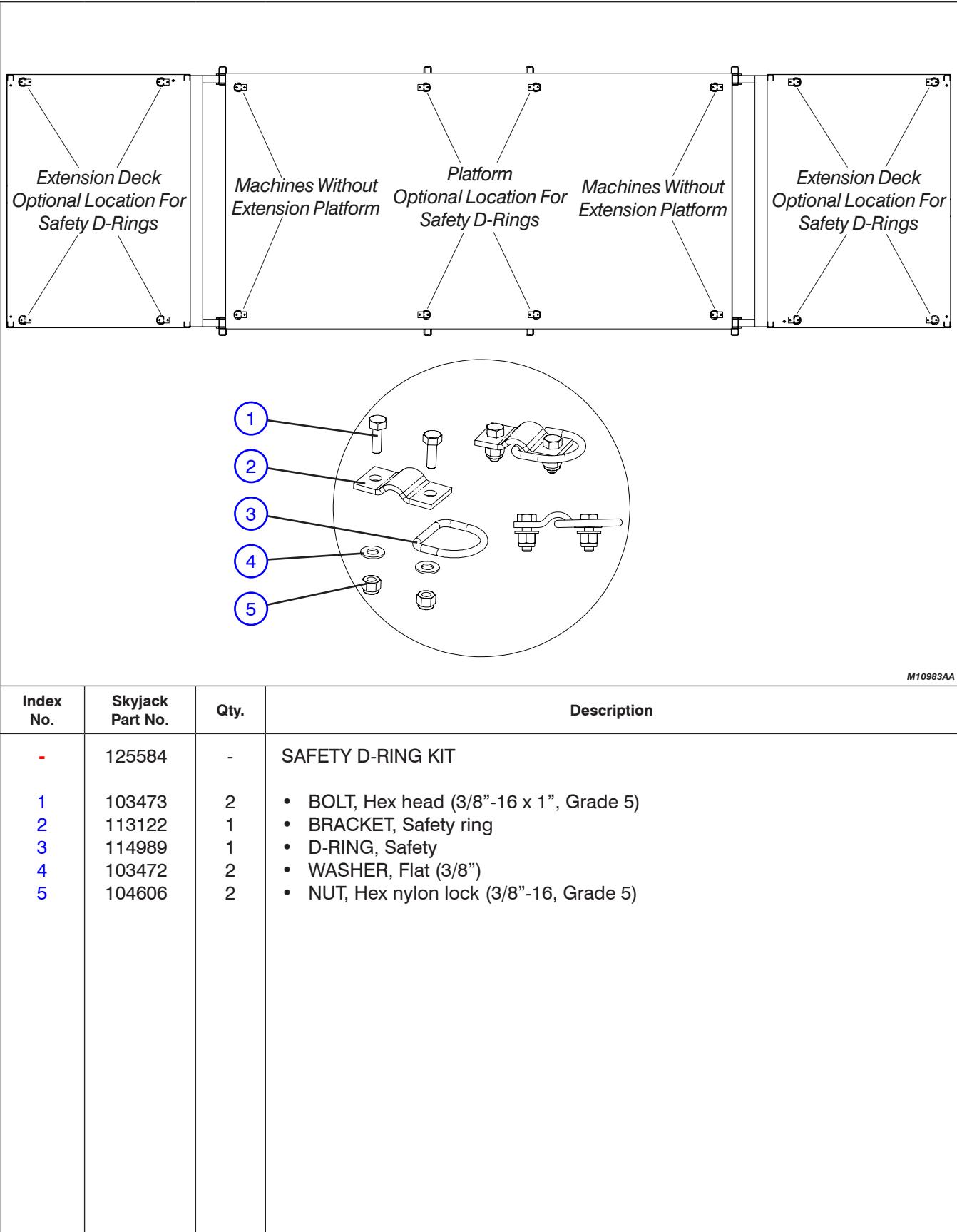
**Figure 1.10 Powered Extension Platform Electrical Panel - Models 9241 & 9250 CE**



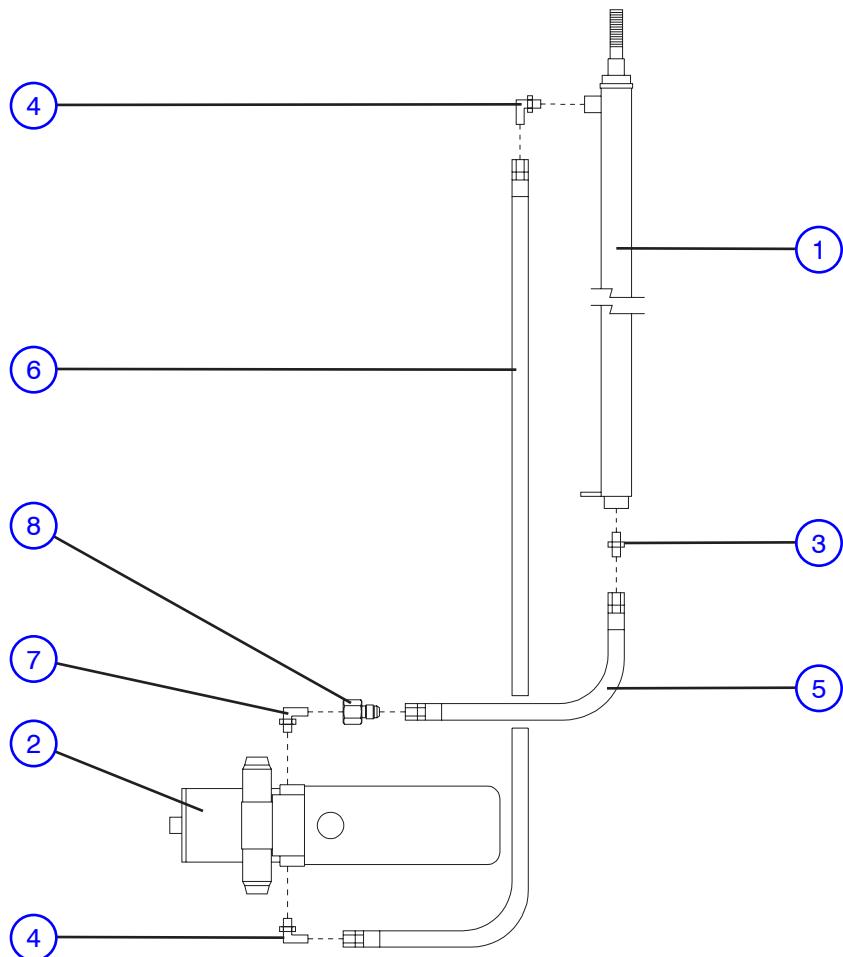
**Figure 1.10 Powered Extension Platform Electrical Panel - Models 9241 & 9250 CE**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	-	-	POWERED EXTENSION PLATFORM ( <b>Models 9250 CE</b> )
<b>B</b>	-	-	POWERED EXTENSION PLATFORM ( <b>Models 9241</b> )
1	148307	1	WELDING CABLE (5/16 x 754 x 5/16) (00, 00) <b>B</b>
	119614	1	CABLE (5/16" x 894" x 5/16") (00, 00) <b>A</b>
2	148306	1	WELDING CABLE (3/8 x 8 x 1/4) (103, 103) <b>B</b>
	119613	1	CABLE (5/16" x 894" x 5/16") (103B,103B) <b>A</b>
3	122171	1	HARNESS, Power platform directional valves
	119896	2	<ul style="list-style-type: none"> <li>• PLUG, 4 Pin PC board connector</li> </ul>
	119825	4	<ul style="list-style-type: none"> <li>• CONNECTOR, Solenoid (with diode)</li> </ul>
	120748	20"	<ul style="list-style-type: none"> <li>• PROTECTOR, Wire (1/2")</li> </ul>
4	122172	1	HARNESS, Power platform control console
	119900	1	<ul style="list-style-type: none"> <li>• PLUG, 8 Pin PC board connector</li> </ul>
	103257	408"	<ul style="list-style-type: none"> <li>• CABTIRE (18/3)</li> </ul>
	107711	2	<ul style="list-style-type: none"> <li>• CONNECTOR, Female cabtire (5 Pin)</li> </ul>
	103568	1	<ul style="list-style-type: none"> <li>• • HOUSING, Female with strain relief connector</li> </ul>
	132789	1	<ul style="list-style-type: none"> <li>• • • HOUSING</li> </ul>
	132110	1	<ul style="list-style-type: none"> <li>• • • CONNECTOR, Strain relief</li> </ul>
	103570	1	<ul style="list-style-type: none"> <li>• • INSERT, Female</li> </ul>
5	148305	1	HARNESS, Emergency extension platform retraction <b>B</b>
	134496	1	HARNESS, Emergency extension platform retraction <b>A</b>
	103256	750"	<ul style="list-style-type: none"> <li>• CABLE, Cabtire (18/2) <b>B</b></li> </ul>
		888"	<ul style="list-style-type: none"> <li>• CABLE, Cabtire (18/2) <b>A</b></li> </ul>
	119894	1	<ul style="list-style-type: none"> <li>• CONNECTOR, PC board 2 pin</li> </ul>
6	119615	1	WELDING CABLE (5/16" x 10" x 5/16") (103B,103B)
7	119602	1	WELDING CABLE (5/16" x 4.5" x 3/8") (103A,103A)
8	119601	1	WELDING CABLE (3/8" x 8" x 1/4") (103,103)
9	123414	1	CABLE, Auxiliary charging
10	119616	1	CABLE (5/16" x 39" x 1/4") (97,97)
11	134497	1	HARNESS, Emergency lowering switch
12	119617	1	WELDING CABLE (1/4" x 12" x 1/4" ) (00,00)
13	122154	1	HARNESS, Power platform pump contactor
	119897	1	<ul style="list-style-type: none"> <li>• PLUG, 5 Pin PC board connector</li> </ul>
	103257	24"	<ul style="list-style-type: none"> <li>• CABTIRE (18/3)</li> </ul>
	119752	1	<ul style="list-style-type: none"> <li>• TERMINAL (22-16GA, #10 ring, red)</li> </ul>
	120070	2	<ul style="list-style-type: none"> <li>• TERMINAL (22-16GA, 5/16" ring, red)</li> </ul>
14	122169	1	BRACKET, Power platform PC board
15	120844	1	BOARD, Power platform PC
16	104698	4	BOLT, Machine (#10-32 x 0.75")
17	104694	4	WASHER, Flat (#10 SAE)
18	104185	4	WASHER, Lock (#10 NOM)

**Figure 1.11 Lanyard Attachment D-Ring Assemblies**



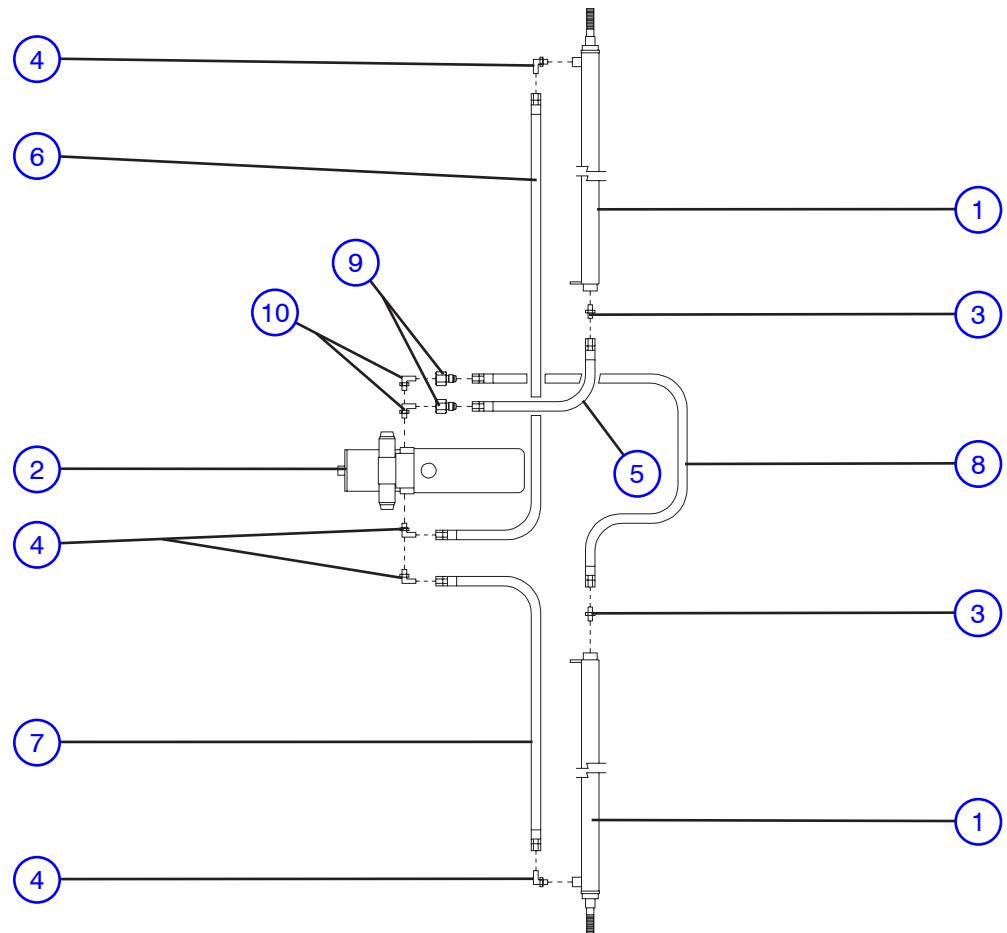
**Figure 1.12 Hydraulic Hose Connections - First Powered Extension Platform**



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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY (For components, refer to Figure 1.6)
2	(Ref.)	-	12VDC POWER UNIT ASSEMBLY (For components, refer to Figure 1.7)
3	103069	1	FITTING, Connector
4	103073	2	FITTING, Elbow, 90°
5	102473	1	HOSE ASSEMBLY (Front cylinder extend, 47")
6	102616	1	HOSE ASSEMBLY (Front cylinder retract, 105")
7	114518	1	FITTING, Elbow, 90°
8	118647	1	FITTING, Adapter

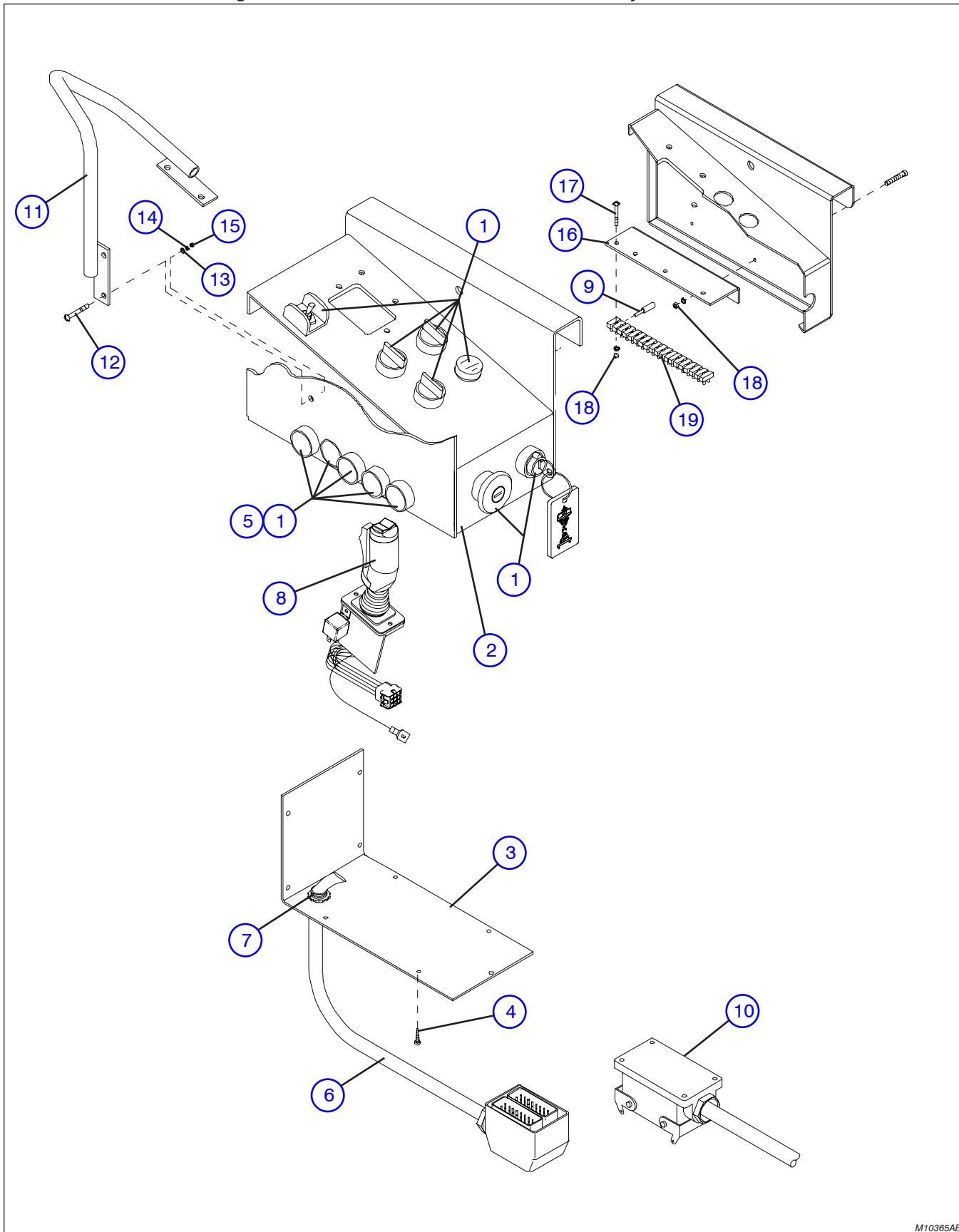
**Figure 1.13 Hydraulic Hose Connections - Second Powered Extension Platform**



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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	POWERED EXTENSION PLATFORM CYLINDER ASSEMBLY (For components, refer to Figure 1.6)
2	(Ref.)	-	12VDC POWER UNIT ASSEMBLY (For components, refer to Figure 1.7)
3	103069	2	FITTING, Connector
4	103073	4	FITTING, Elbow, 90°
5	102473	1	HOSE ASSEMBLY (Front cylinder extend, 47")
6	102616	1	HOSE ASSEMBLY (Front cylinder retract, 105")
7	102559	1	HOSE ASSEMBLY (Rear cylinder retract, 62")
8	109415	1	HOSE ASSEMBLY (Rear cylinder extend, 14-1/2")
9	118647	2	FITTING, Adapter
10	114518	2	FITTING, Elbow, 90°

**Figure 2.1 Platform Control Console Assembly - Hardware**

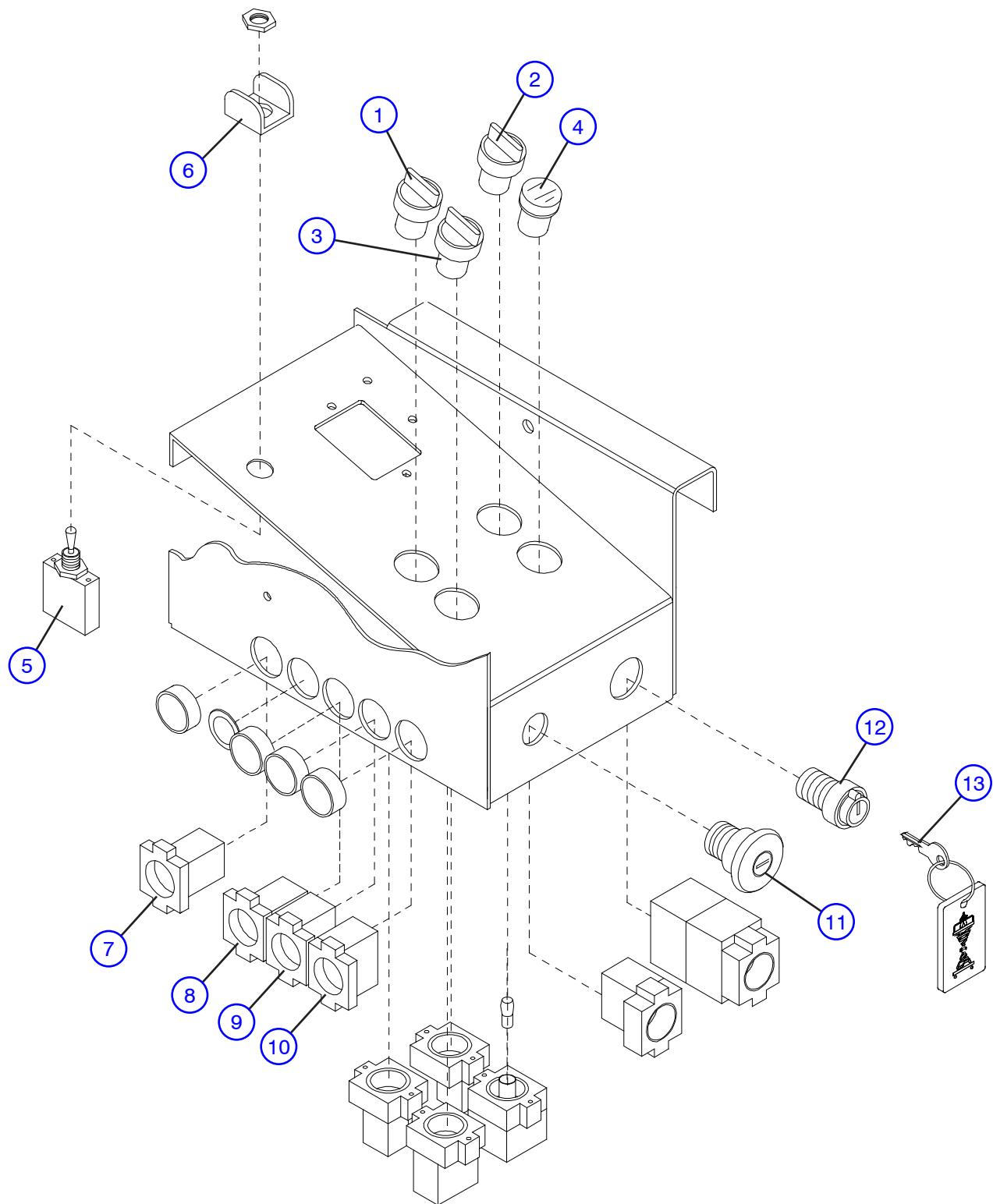


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**Figure 2.1 Platform Control Console Assembly - Hardware**

Index No.	Skyjack Part No.	Qty.	Description
-	147235	-	COMPLETE PLATFORM CONTROL CONSOLE ASSEMBLY ( <b>ANSI/CSA</b> )
-	147224	-	COMPLETE PLATFORM CONTROL CONSOLE ASSEMBLY ( <b>CE</b> )
1	(Ref.)	-	SWITCHES, Control <i>(For components, refer to Figure 2.2)</i>
2	128887	1	WELDMENT, Control console
3	128891	1	COVER, Control console bottom
4	112327	9	SCREW, Self-tapping (#8-18 x 1/2)
5	102956	1	PLUG, 7/8" Hole
6	115283	1	PLATFORM CONTROL CONSOLE CABLE ASSEMBLY WITH OPTIONS
	115274	88"	<ul style="list-style-type: none"> <li>• CABLE, 18/30</li> <li>• CONNECTOR ASSEMBLY (32 pin)</li> <li>• • • HOUSING (with strain relief connector)</li> <li>• • • HOUSING</li> <li>• • • CONNECTOR, Strain relief</li> <li>• • • INSERT, Male (Pins 1-16)</li> <li>• • • INSERT, Male (Pins 17-32)</li> </ul>
7	300788	1	CONNECTOR, Straight strain relief (1/2)
8	(Ref.)	-	DRIVE/STEER CONTROLLER ASSEMBLY <i>(For components, refer to Figure 2.3)</i>
9	115401	AR	FERRULE, 18 Gauge
10	(Ref.)	-	CABLE ASSEMBLY, Scissor control (32 pin) <i>(For components, refer to Figure 2.4)</i>
11	124153	1	GUARD, Controller
12	103962	4	SCREW, Machine (#10-32 x 1/2)
13	104694	2	WASHER, Flat (#10)
14	104185	4	WASHER, Lock (#10)
15	104003	4	NUT, Machine (#10- 32, Grade 5)
16	124275	1	BRACKET, Terminal block mount
17	103955	6	SCREW, Machine (#6-32 x 0.75)
18	103985	6	NUT, Machine (#6-32)
19	103012	1	STRIP, Terminal block (1.5 mm)
K	125663	1	<ul style="list-style-type: none"> <li>• KIT, Platform control console wire</li> </ul>

**Figure 2.2 Platform Control Console Assembly - Switches**

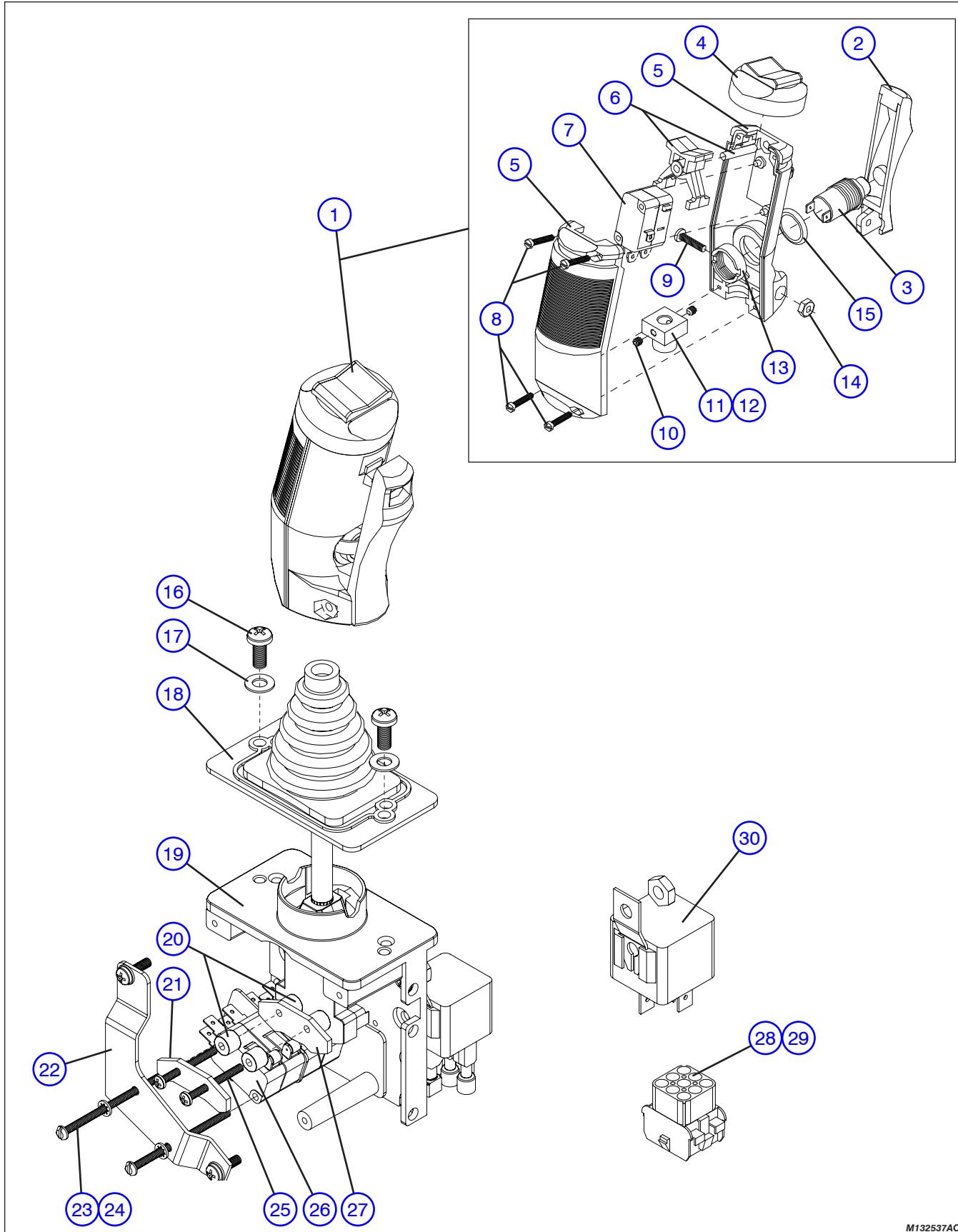


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**Figure 2.2 Platform Control Console Assembly - Switches**

Index No.	Skyjack Part No.	Qty.	Description
1	- 147233 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Low/High range select <ul style="list-style-type: none"> <li>• HEAD, Select switch (<b>2 position</b>)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
2	- 147233 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Low/High throttle select <ul style="list-style-type: none"> <li>• HEAD, Select switch (<b>2 position</b>)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
3	- 147069 147056 147054	- 1 1 2	SWITCH ASSEMBLY, Up/Off/Down selector <ul style="list-style-type: none"> <li>• HEAD, Selector switch (<b>Momentary</b>)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
4	- 147225 147056 147229	- 1 1 1	LIGHT ASSEMBLY, Power indicator/Overload indicator <ul style="list-style-type: none"> <li>• LENS, Red</li> <li>• BASE, Contact block</li> <li>• LED BLOCK, Red 12V</li> </ul>
5	114373	1	SWITCH, Low/High torque toggle
6	111181	1	GUARD, Toggle switch
7	- 147058 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Horn <ul style="list-style-type: none"> <li>• HEAD, Pushbutton switch (Black)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
8	- 147058 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Glow plug/choke <ul style="list-style-type: none"> <li>• HEAD, Pushbutton switch (Black)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
9	- 147058 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Start <ul style="list-style-type: none"> <li>• HEAD, Pushbutton switch (Black)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
10	- 147211 147056 147054	- 1 1 1	SWITCH ASSEMBLY, Lift enable <ul style="list-style-type: none"> <li>• HEAD, Pushbutton switch (Green)</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.O. contact</li> </ul>
11	- 147051 147056 147053 147229	- 1 1 1 2	SWITCH ASSEMBLY, Emergency stop <ul style="list-style-type: none"> <li>• HEAD, Stop switch</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.C. contact (<b>ANSI/CSA</b>)</li> <li>• SWITCH, N.C. contact (<b>CE</b>)</li> <li>• LED BLOCK, Red 12V</li> </ul>
12	- 149605 147056 147053 147054	- 1 1 3 1	SWITCH ASSEMBLY, Off/Lift/Drive key select <ul style="list-style-type: none"> <li>• HEAD, 3-position key select</li> <li>• BASE, Contact block</li> <li>• SWITCH, N.C. contact</li> <li>• SWITCH, N.O. contact</li> </ul>
13	104466	AR	KEY (#455)

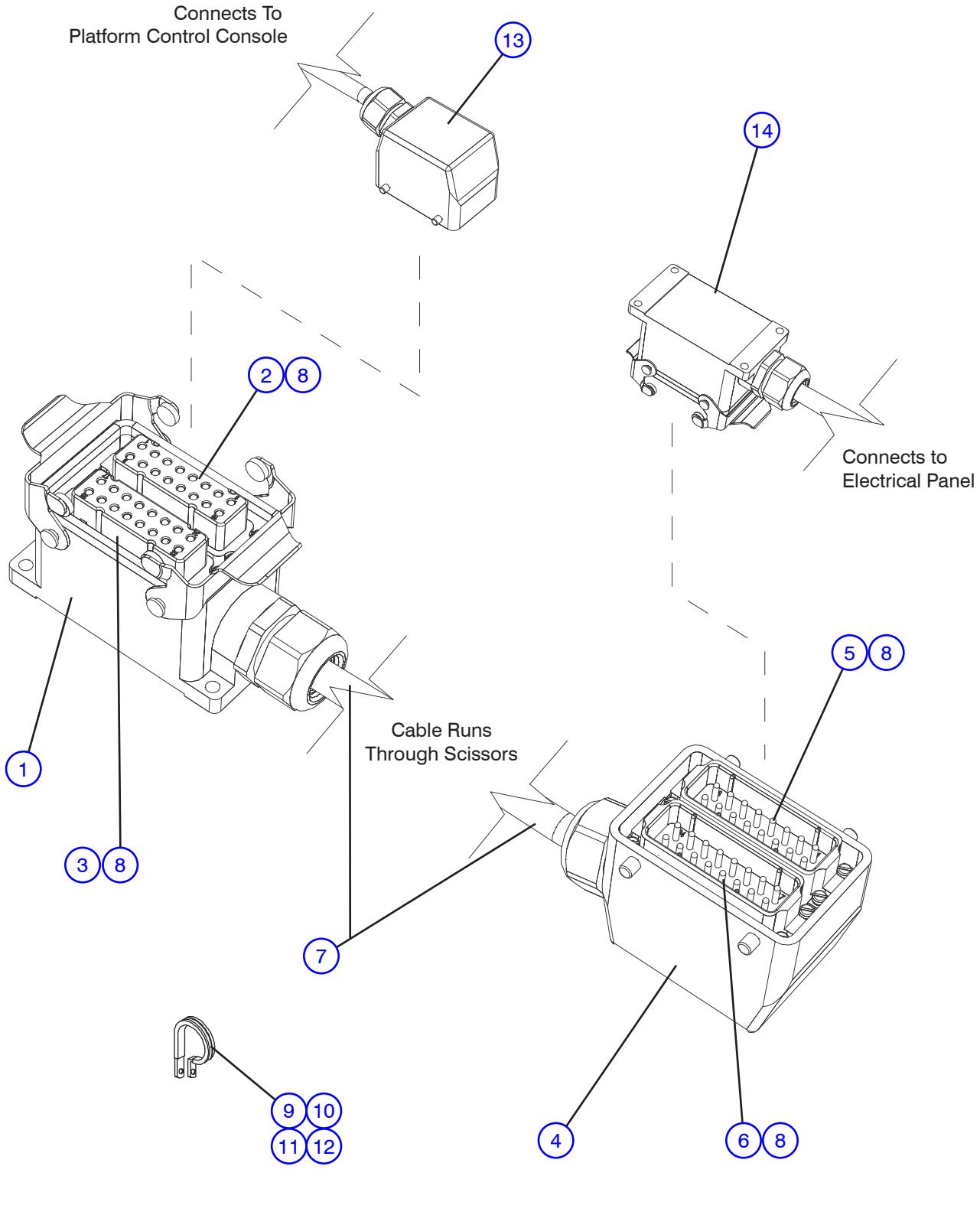
**Figure 2.3 Drive/Steer Controller Assembly**



**Figure 2.3 Drive/Steer Controller Assembly**

Index No.	Skyjack Part No.	Qty.	Description
-	132537	1	ENABLE CONTROLLER ASSEMBLY
1	122849	1	• HANDLE ASSEMBLY
2	122873	1	• • LEVER, Trigger
3	122872	1	• • SWITCH, Push button
4	122874	1	• • CAP, Rubber
5	134112	1	• • KIT, Handle
6	122876	1	• • ROCKER ASSEMBLY
7	122877	2	• • SWITCH ASSEMBLY, Micro
8	122879	4	• • SCREW, Controller handle
9	122959	1	• • SCREW, Controller lever
10	122960	2	• • SCREW, set
11	122961	1	• • COUPLING, 8mm
12	122962	1	• • COUPLING, 10mm
13	122963	1	• • NUT, Push button
14	122964	1	• • NUT, Controller lever
15	122965	1	• • FITTING, O-ring
16	122846	2	• SCREW
17	122847	2	• WASHER
18	127179	1	• BOOT & GASKET
19	122861	1	• BASE
20	122865	4	• SPACER
21	122864	1	• CAM
22	139543	4	• BRACKET
23	122870	2	• WASHER
24	122863	2	• SCREW
25	122866	2	• SCREW
26	122869	4	• MICROSWITCH
27	122862	1	• CAM
28	122840	1	• CONNECTOR ASSEMBLY, Male 9 pin
	116993	1	• • HOUSING, Connector male 9 pin
	116990	9	• • PIN, Female wire
29	122841	1	• CONNECTOR ASSEMBLY, Female 9 pin
	122839	1	• • HOUSING, Connector female 9 pin
	116989	9	• • PIN, Male wire
30	127035	1	• RELAY, 12 V - 40 amp

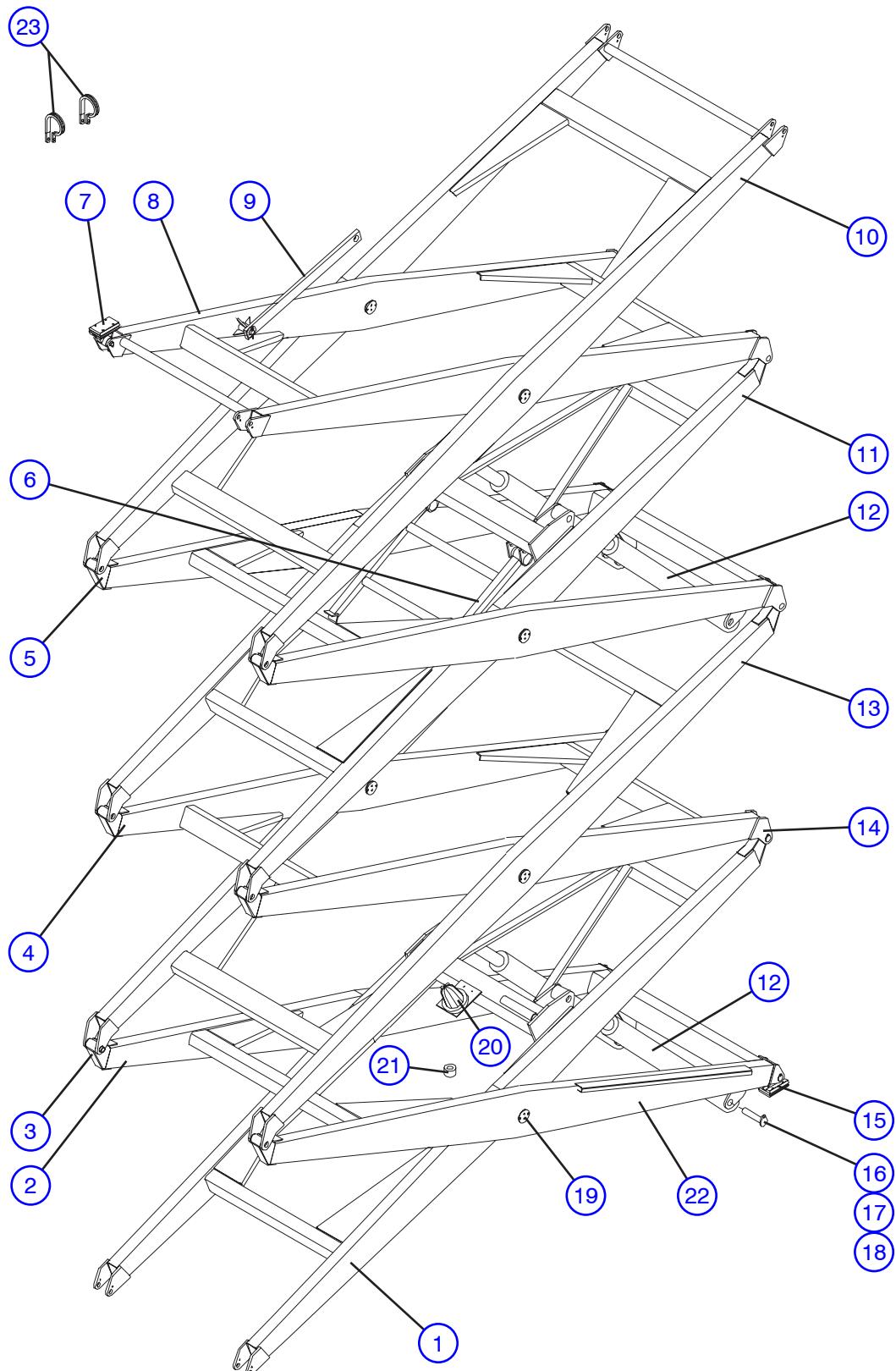
**Figure 2.4 Control Cable Assemblies**



**Figure 2.4 Control Cable Assemblies**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	148300	1	SCISSOR CONTROL CABLE ASSEMBLY (32 pin) <b>(Model 9241)</b>
<b>B</b>	115280	1	SCISSOR CONTROL CABLE ASSEMBLY (32 pin) <b>(Model 9250)</b>
<b>1</b>	114465	1	• HOUSING (with relief connector)
	132787	1	• • HOUSING
	132109	1	• • CONNECTOR, Strain relief
<b>2</b>	114467	1	• INSERT, Female (Pins 1-16)
<b>3</b>	114468	1	• INSERT, Female (Pins 17-32)
<b>4</b>	114466	1	• HOUSING w/ RELIEF CONNECTOR
	132788	1	• • HOUSING
	132109	1	• • CONNECTOR, Strain relief
<b>5</b>	114469	1	• INSERT, Male (Pins 1-16)
<b>6</b>	114470	1	• INSERT, Male (Pins 17-32)
<b>7</b>	115274	756"	• CABLE, Control (18/30) <b>A</b>
		894"	• CABLE, Control (18/30) <b>B</b>
<b>8</b>	115401	60	• FERRULE, 18GA
<b>9</b>	103078	5	CLAMP, Double (G10)
<b>10</b>	103887	3	BOLT, Hex head (5/16"-18 x 3/4", Grade 5)
<b>11</b>	103404	3	WASHER, Lock (5/16")
<b>12</b>	103996	6	WASHER, Flat (5/16")
<b>13</b>	(Ref.)	-	PLATFORM CONTROL CONSOLE CABLE ASSEMBLY <i>(For components, refer to Figure 2.1)</i>
<b>14</b>	(Ref.)	-	ELECTRICAL PANEL CONTROL CABLE ASSEMBLY <i>(For components, refer to Figure 4.19)</i>

**Figure 3.1 Scissor Arm Assembly - Model 9250**

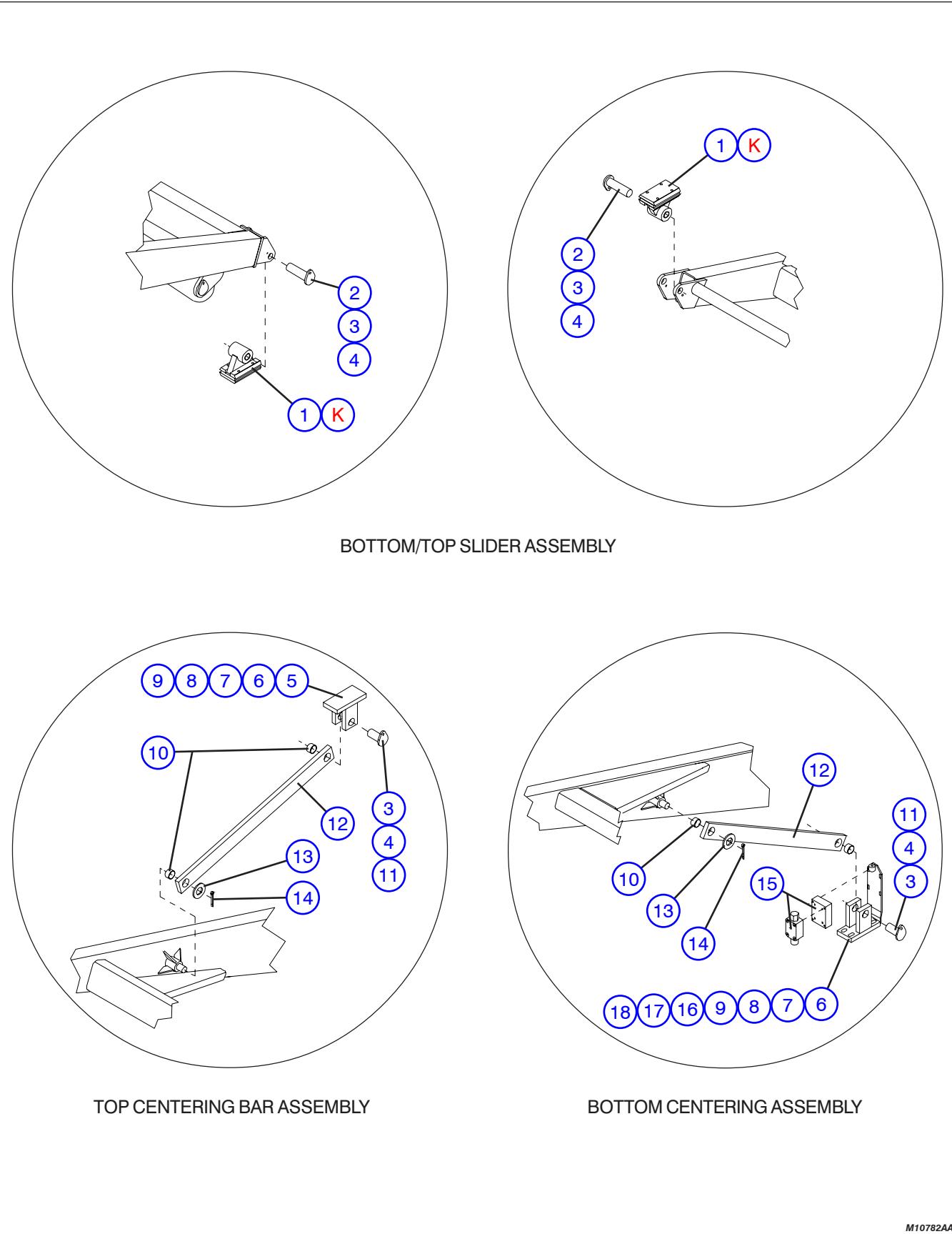


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**Figure 3.1 Scissor Arm Assembly - Model 9250**

Index No.	Skyjack Part No.	Qty.	Description
1	118248	1	1st INNER ARM ASSEMBLY
2	118252	1	1st OUTER ARM ASSEMBLY
3	(Ref.)	-	SCISSOR PIN ASSEMBLY <i>(For components, refer to Figure 3.3)</i>
4	108915	1	2nd INNER ARM ASSEMBLY
5	118253	1	3rd OUTER ARM ASSEMBLY
6	111954	1	SAFETY BAR LATCH ASSEMBLY
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch
7	(Ref.)	-	TOP SLIDER ASSEMBLY <i>(For components, refer to Figure 3.2)</i>
8	108919	1	4th INNER ARM ASSEMBLY
9	(Ref.)	-	CENTER BAR PIVOT ASSEMBLY <i>(For components, refer to Figure 3.3)</i>
10	108918	1	4th OUTER ARM ASSEMBLY
11	118249	1	3rd INNER ARM ASSEMBLY
12	(Ref.)	-	LIFT CYLINDER ASSEMBLY <i>(For components, refer to Figure 3.5)</i>
13	108914	1	2nd OUTER ARM ASSEMBLY
14	(Ref.)	-	LIMIT SWITCH PIN ASSEMBLY <i>(For components, refer to Figure 3.3)</i>
15	(Ref.)	-	BOTTOM SLIDER ASSEMBLY <i>(For components, refer to Figure 3.2)</i>
16	118034	4	PIN, Lift cylinder rod end
	118336	4	PIN, Lift cylinder base end
17	103887	8	BOLT, Hex head (5/16"-18 x 3/4")
18	103404	8	WASHER, Lock (5/16")
19	(Ref.)	-	SCISSOR CENTER PIN ASSEMBLY <i>(For components, refer to Figure 3.3)</i>
20	(Ref.)	-	KIT, Flashing light <i>(For components, refer to Figures 3.16)</i>
21	111846	16	SPACER, Scissor bumper <b>(Machines with scissor guards)</b>
	105395	16	BUMPER, Scissor arm <b>(Machines with scissor guards)</b>
	103936	1	BOLT, Socket (3/8" -16 x 1", Grade 5)
22	(Ref.)	-	GUARD, Cable carrier <i>(For components, refer to Figure 3.8)</i>
23	(Ref.)	-	CLAMP ASSEMBLY <i>(For components, refer to Figure 3.8)</i>

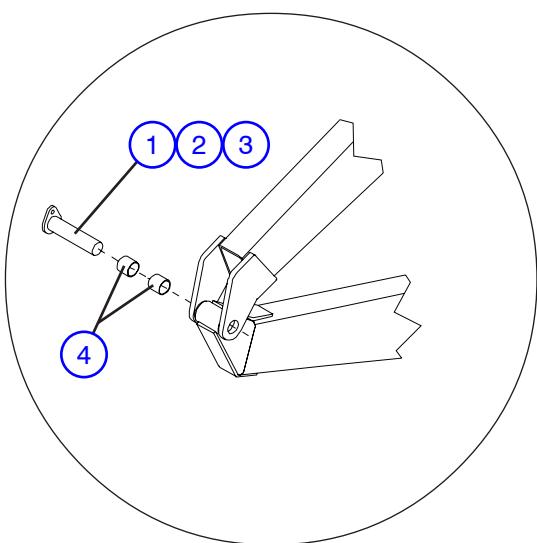
**Figure 3.2 Scissor Stack Mounting Hardware Assemblies - Model 9250**



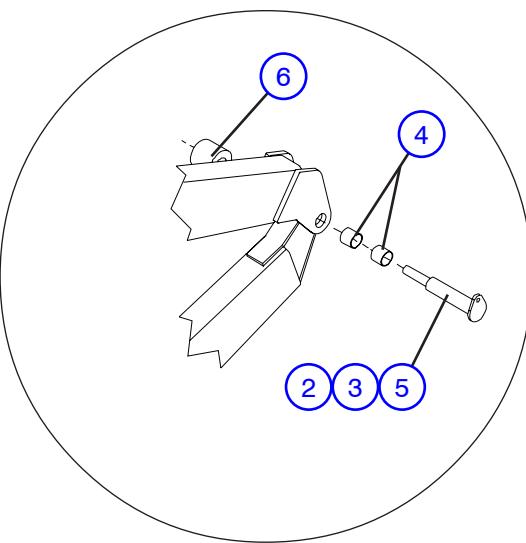
**Figure 3.2 Scissor Stack Mounting Hardware Assemblies - Model 9250**

Index No.	Skyjack Part No.	Qty.	Description
1	111225 117553 101581 105549 101950 103701 101949	8 1 2 1 1 2 4	SLIDER ASSEMBLY <ul style="list-style-type: none"> <li>• BUSHING (1" x 1-1/8" x 3/8")</li> <li>• BUSHING (1" x 1-1/8" x 1-1/4")</li> <li>• WELDMENT, Slider</li> <li>• PAD, Teflon (3/8" x 3-1/2" x 5-1/2")</li> <li>• PAD, Teflon (3/8" x 1-1/4" x 5-1/2")</li> <li>• PIN (<math>\varnothing</math> 3/8" 1-1/4")</li> </ul>
2	110413	8	PIN, Slider
3	103887 103864	6 2	BOLT, Hex head (5/16"-18 x 3/4") BOLT, Hex head (5/16"-18 x 1") <b>(Bottom centering assembly only)</b>
4	103404	8	WASHER, Lock (5/16")
5	101689	AR	WELDMENT, Centering bar pivot
6	103906	8	BOLT, Hex head (1/2"-13 x 1-3/4")
7	103468	16	WASHER, Flat (1/2")
8	103470	8	WASHER, Lock (1/2")
9	103471	8	NUT, Hex (1/2"-13)
10	101523	4	BUSHING, Pivot (1-1/4" diameter x 3/4")
11	126777	2	PIN, Centering bar
12	115023	2	BAR, Centering
13	103997	4	WASHER, Centering bar
14	115532	2	PIN, Cotter (1/4" diameter x 2-1/2")
15	(Ref.)	-	VALVE AND VALVE BLOCK ASSEMBLY <i>(For components, refer to Figures 3.4)</i>
16	112440	2	BRACKET, Centering bar pivot/lowering valve
17	103865	1	BOLT, Adjusting (5/16"-18 x 2")
18	100397	1	NUT, Lock (5/16"-18)
K	117148	8	KIT, Slider bushing replacement

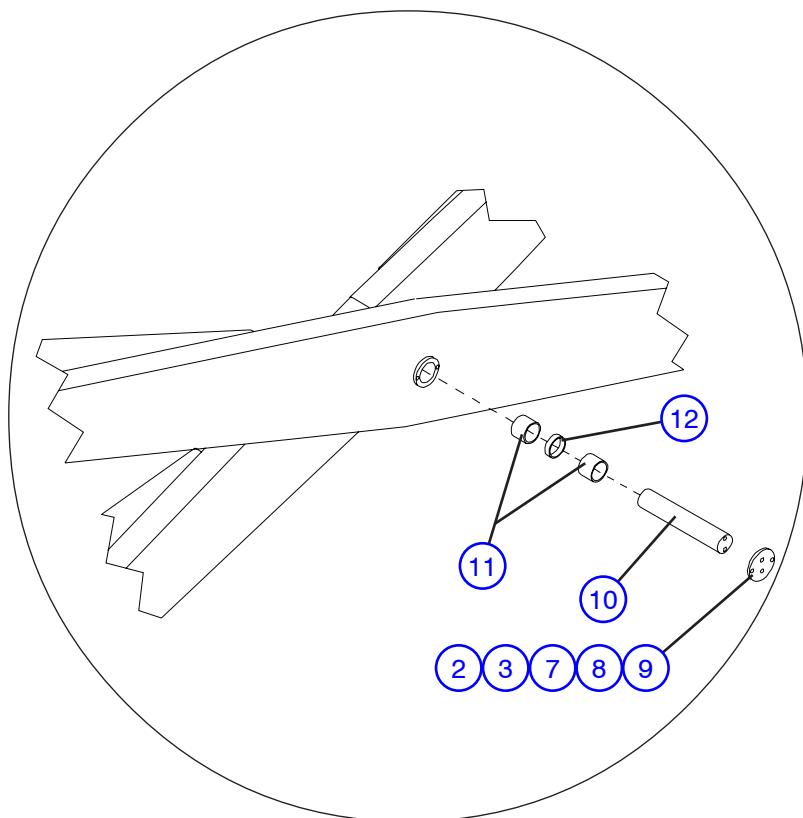
**Figure 3.3 Scissor Arm Connecting Hardware Assemblies - Model 9250**



PIN ASSEMBLY



LIMIT SWITCH PIN ASSEMBLY



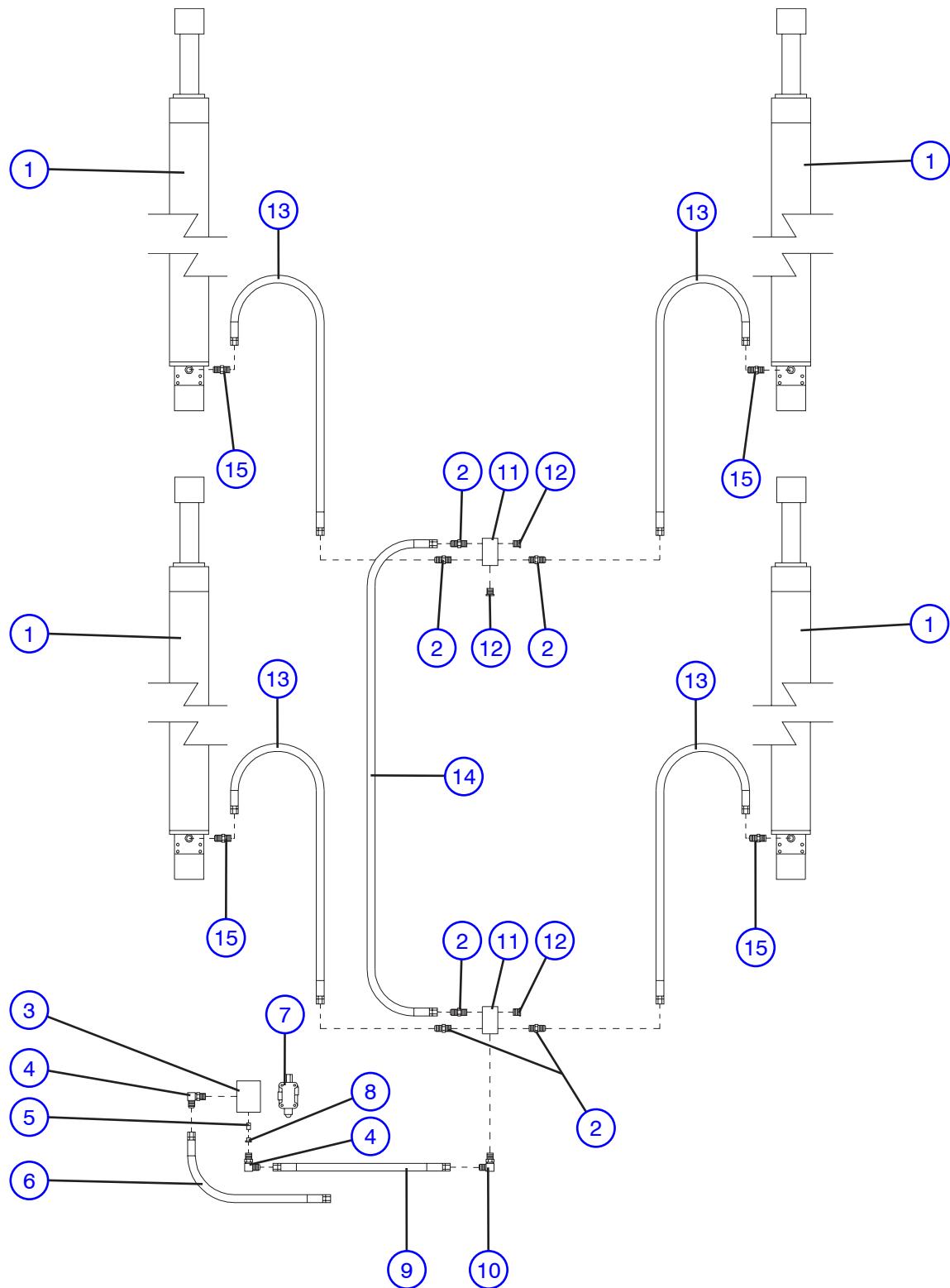
CENTER PIN ASSEMBLY

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**Figure 3.3 Scissor Arm Connecting Hardware Assemblies - Model 9250**

Index No.	Skyjack Part No.	Qty.	Description
1	102234	11	PIN, Scissor end (1.25" diameter)
2	103887	AR	BOLT, Hex head (5/16"-18 x 3/4")
3	103404	AR	WASHER, Lock (5/16")
4	125262	AR	BUSHING, Fiberglide end pin (1.25" diameter x 1.5")
5	107576	1	PIN, Limit switch cam
6	(Ref.)	-	LIMIT SWITCH ASSEMBLY <i>(For components, refer to Figure 3.8)</i>
7	102236	16	PLATE, Center pin retainer
8	103473	32	BOLT, Hex head (3/8"-16 x 1")
9	103999	32	WASHER, Lock (3/8")
10	108718	8	PIN, Center (1.75" diameter)
	117840	8	• BEARING, Thrust
11	101564	16	BUSHING, Center pin (1.75" diameter x 1.5")
12	101682	8	SPACER, Center pin bushing

**Figure 3.4 Hydraulic Hose Connections - Scissors - Model 9250**

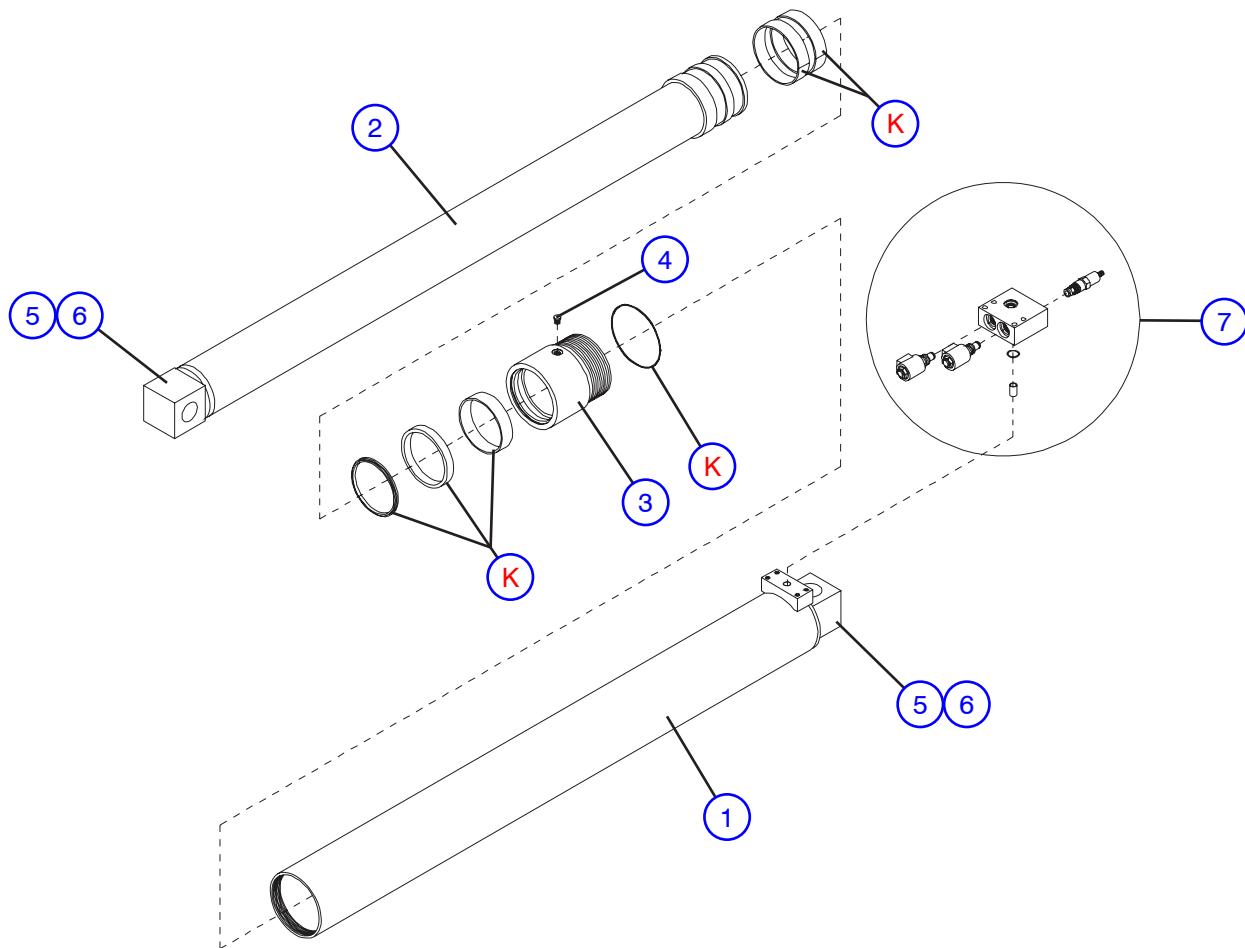


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**Figure 3.4 Hydraulic Hose Connections - Scissors - Model 9250**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	4	LIFT CYLINDER ASSEMBLY (For components, refer to Figure 3.5)
2	103069	6	FITTING, Connector
3	113494	1	BLOCK, Controlled lowering valve manifold
	103943	1	BOLT, SHCS (1/4"-20 x 2")
	103980	1	NUT, Hex head (1/4"-20)
	104000	1	WASHER, Lock (1/4")
	103995	1	WASHER, Flat (1/4")
4	114583	2	FITTING, Elbow, 90°
5	113496	1	SPACER, Orifice
6	110473	60"	HOSE ASSEMBLY (Lift block to main manifold)
7	113556	1	LOWERING CONTROL VALVE ASSEMBLY
8	108721	1	ORIFICE (0.055" diameter)
9	110475	122"	HOSE ASSEMBLY (Lift block to lowering control valve block)
10	114582	1	FITTING, Elbow, 90°
11	125430	2	BLOCK, Scissor lift manifold
12	104437	3	FITTING, O-ring manifold plug
13	102562	4	HOSE ASSEMBLY (Lift block to lift cylinder)
14	102673	1	HOSE ASSEMBLY (Lower lift block to upper lift block)
15	(Ref.)	1	FITTINGS (Lift cylinder manifold assembly) (For components, refer to Figure 3.6)

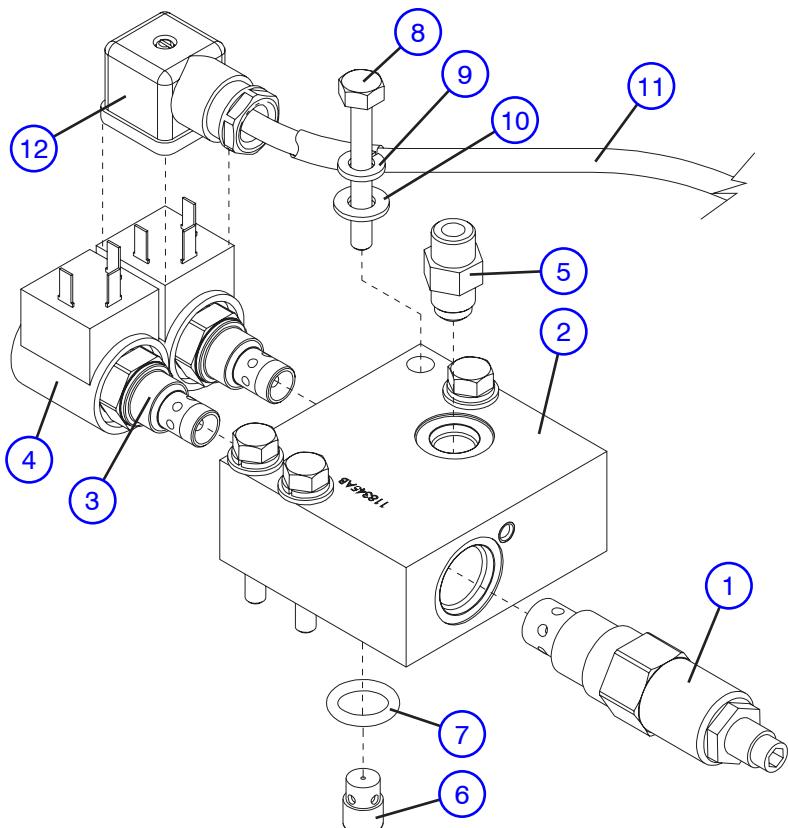
**Figure 3.5 Lift Cylinder Assembly - Model 9250**



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Index No.	Skyjack Part No.	Qty.	Description
-	120353	-	LIFT CYLINDER ASSEMBLY
1	120352	1	• HOUSING, Lift cylinder
2	118126	1	• ROD, Lift cylinder
3	120318	1	• GLAND, Front end
4	102856	1	PLUG, Socket head (3/8"-24)
5	103216	2	BUSHING, Fiberglide (1-1/2" x 1-1/2")
6	118341	2	BUSHING, Fiberglide (1-1/2" x 1-1/4")
7	(Ref)	-	LIFT CYLINDER MANIFOLD ASSEMBLY (For components, refer to Figure 3.6)
K	112165	1	KIT, Seal

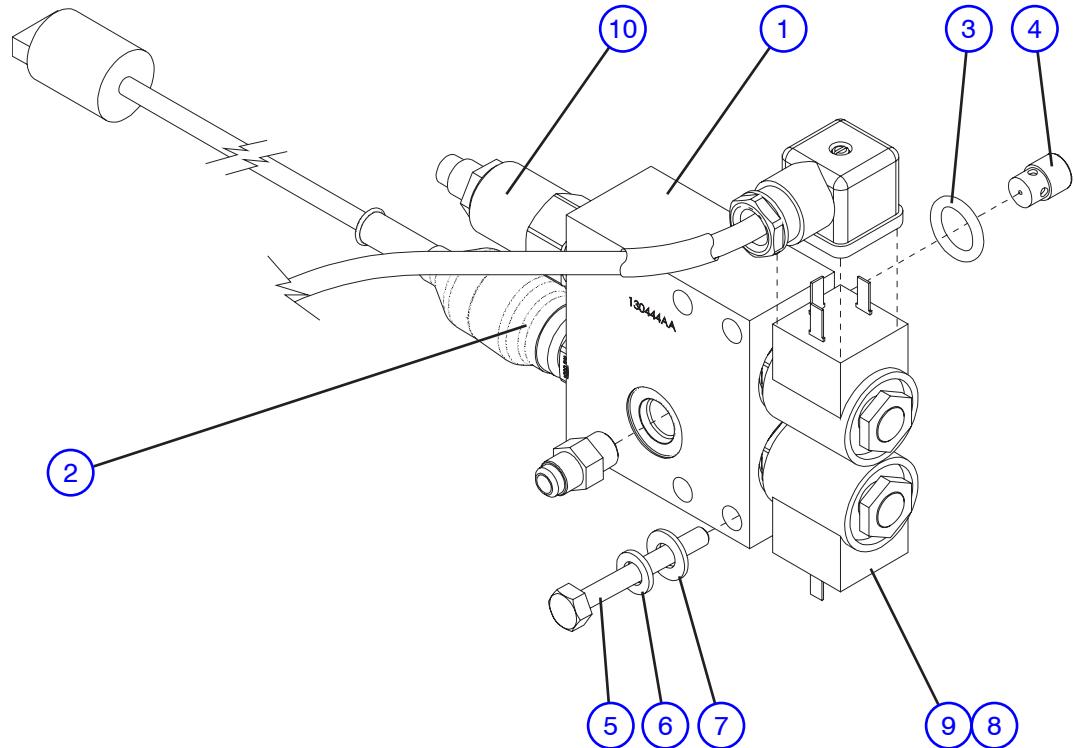
**Figure 3.6 Lift Cylinder Holding Valve Manifold Assembly - Model 9250**



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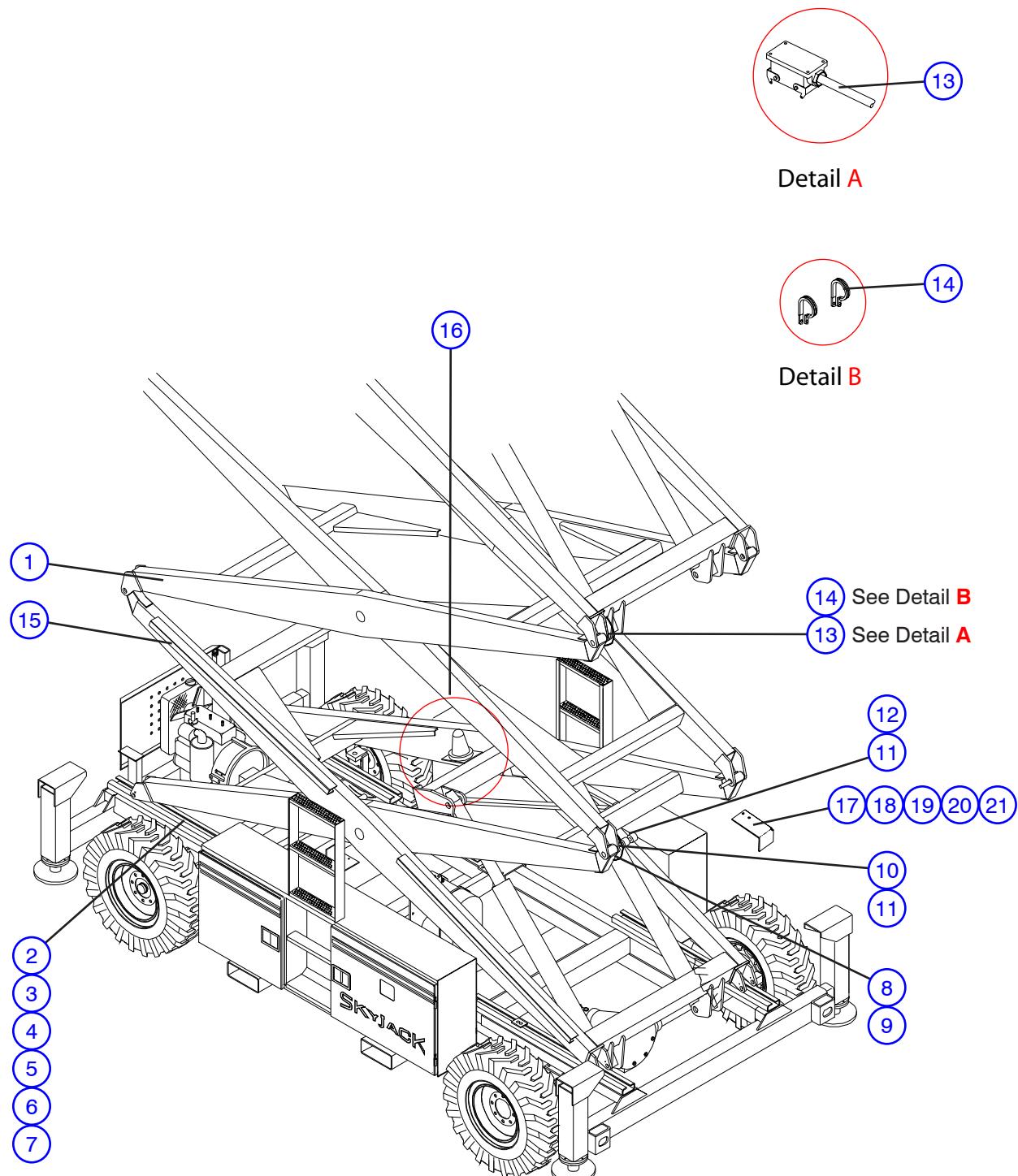
Index No.	Skyjack Part No.	Qty.	Description
1	104534	1	VALVE, Relief
2	118345	1	BLOCK, Manifold with plugs
	118298	1	• BLOCK, Manifold
	108052	1	• PLUG, Expander
3	103655	2	VALVE, Holding Valve (NC)
4	104410	2	COIL (12V)
5	103069	2	FITTING, Straight
6	105501	1	ORIFICE, One-way (0.094" diameter)
7	103403	1	SEAL, O-ring
8	103931	4	BOLT, Socket (5/16"-18 x 2", Grade 5)
9	104637	4	WASHER, Lock (5/16" high collar 0.09)
10	103996	4	WASHER, Flat (5/16")
11	120022	1	HARNESS, Lower holding valve
	120023	1	HARNESS, Upper holding valve
(Ref.)		-	HARNESS, Auxiliary lowering valve <i>(For components, refer to Figure 4.11 or 4.12)</i>
12	127315	2	CONNECTOR, Solenoid with diode <b>(Holding valve)</b>
	104409	1	• CONNECTOR, Plug black
	129258	1	• DIODE (1N4007)
	127316	2	CONNECTOR, solenoid with diode <b>(Auxiliary lowering valve)</b>
	104345	1	• CONNECTOR, Plug grey
	129258	1	• DIODE (1N4007)

**Figure 3.7 Lift Cylinder Holding Valve Manifold Assembly with Transducer - Model 9250 CE**



Index No.	Skyjack Part No.	Qty.	Description
1	130444 130437 108052	1 1 4	BLOCK, Manifold with Plugs • • BLOCK, Manifold • • PLUG, Expander
2	134432	1	TRANSDUCER, Pressure 3000 psi
3	103403	1	SEAL, O-ring
4	105501	1	ORIFICE, One Way ( $\varnothing$ 0.094")
5	103931	4	BOLT, Socket (5/16"-18 x 2", Grade 5)
6	104637	4	WASHER, Lock (5/16" high collar 0.09)
7	103996	4	WASHER, Flat 5/16"
8	104410	AR	COIL, 12V
9	103655	2	VALVE, Holding Valve (N.C.)
10	104534	1	VALVE, Relief

**Figure 3.8 Scissor Arm Electrical Connections - Model 9250**

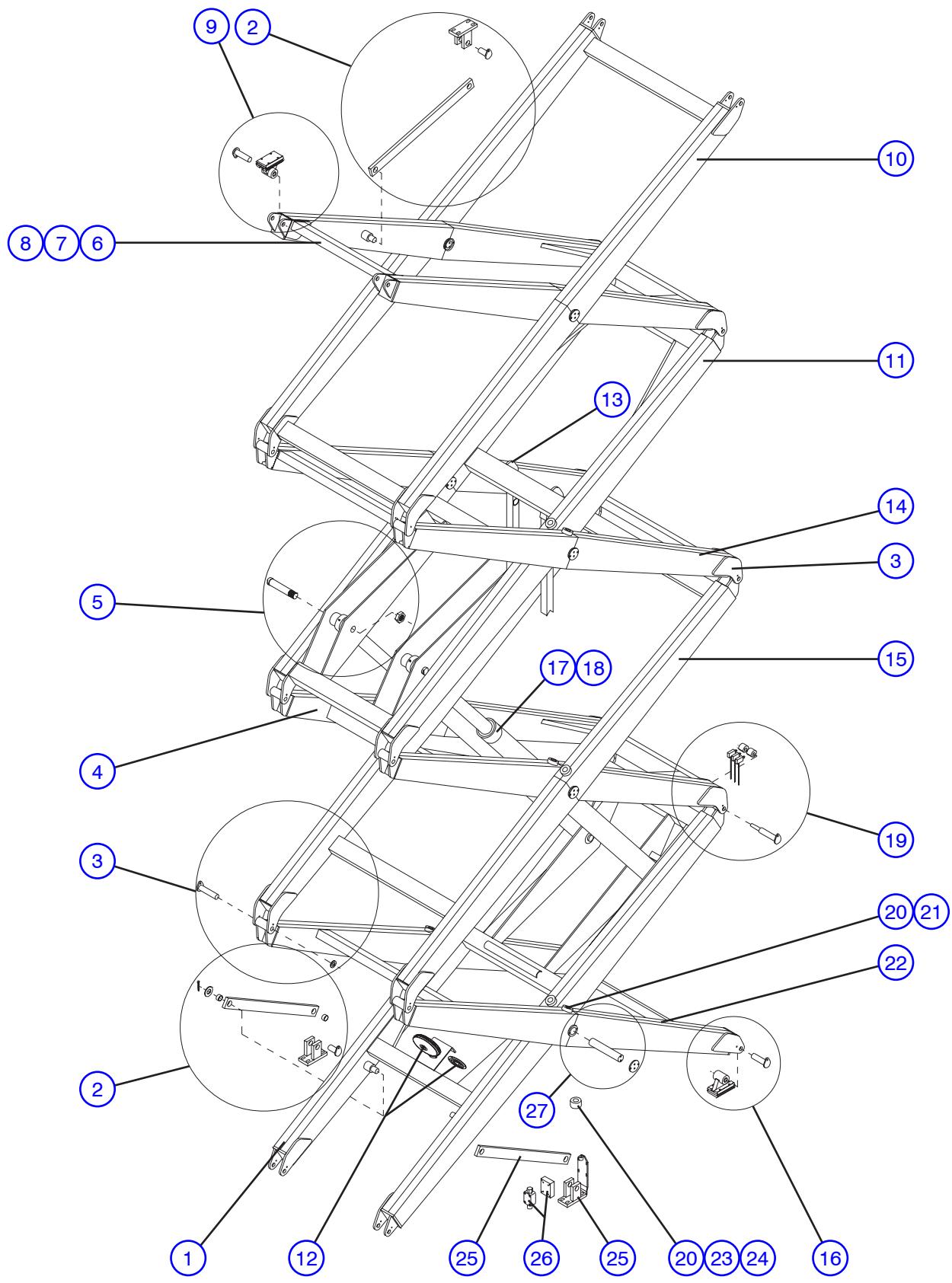


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**Figure 3.8 Scissor Arm Electrical Connections - Model 9250**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	SCISSOR ARM ASSEMBLY (For components, refer to Figure 3.1)
2	115597	1	LIMIT SWITCH, End-of-stroke
	115658	1	• SWITCH, Sealed limit
	114595	2	• TERMINAL, Female (18GA, pink)
3	104698	2	BOLT, Machine (#10-32 x 3/4")
4	112249	2	WASHER, Lock (#8)
5	110428	1	PLATE, Limit switch mounting
6	110429	1	PLATE, Limit switch locking (top)
7	110853	2	BOLT, Flat head (1/4"-20 x 5/8")
8	116199	1	HOLDING VALVE WIRING CORD ASSEMBLY
	104409	4	• CONNECTOR, Black
	700166	4	• DIODE, Flyback (1 amp 400PIV)
9	120025	1	EMERGENCY LOWERING VALVE WIRING CORD ASSEMBLY
	104345	4	• CONNECTOR, Gray
	700166	4	• DIODE, Flyback (1 amp 400PIV)
10	115598	1	HIGH SPEED/TILT OVERRIDE LIMIT SWITCH ASSEMBLY
	119296	1	• SWITCH, Sealed limit
11	100967	2	CAM, Limit switch
12	116189	1	LIMIT SWITCH ASSEMBLY (26 Ft. lift cut out) <b>(If equipped)</b>
	119375	1	• SWITCH, Sealed limit
	114595	1	• TERMINAL, Female (18GA, pink)
	104546	2	• BOLT, Machine (#10-32 x 2")
	104694	2	• WASHER, Flat (#10)
	104185	2	• WASHER, Lock (#10)
13	(Ref.)	-	PLATFORM CONTROL CONSOLE CABLE ASSEMBLY (For components, refer to Figure 2.1)
14	124760	AR	CLAMP ASSEMBLY
	103078	2	• CLAMP, Double (G10)
	124445	18	• CLAMP, Double
	103962	18	• SCREW, Machine (#10 - 32 x 1/2")
	104694	18	• WASHER, Flat (#10)
	104185	18	• WASHER, Lock (#10)
	104003	18	• NUT, Machine (#10 -32 Grade B)
	124763	1	• LABEL, Ontario Hydro
15	108144	4	GUARD, Cable carrier
16	(Ref.)	-	HORN, LIGHT & BEEPER ASSEMBLIES (For components, refer to Figure 3.16 & 3.17)
17	133130	1	COVER, Limit switch
18	112449	2	SCREW, Hex head machine (1/4"-20 x 1")
19	104000	2	WASHER, Lock (1/4")
20	103995	4	WASHER, Flat (1/4")
21	103980	2	NUT, Hex head (1/4"-20 G)

**Figure 3.9 Scissor Arm Assembly - Model 9241**



**Figure 3.9 Scissor Arm Assembly - Model 9241**

Index No.	Skyjack Part No.	Qty.	Description
1	110363	1	ARM ASSEMBLY, 1st inner
2	(Ref.)	-	CENTERING MOUNTING BAR ASSEMBLY <i>(For components, refer to Figure 3.10)</i>
3	(Ref.)	-	END PIN ASSEMBLY <i>(For components, refer to Figure 3.11)</i>
4	110377	1	ARM ASSEMBLY, 2nd inner
5	(Ref.)	-	LIFT CYLINDER PIVOT PIN ASSEMBLY <i>(For components, refer to Figure 3.11)</i>
6	103887	AR	BOLT, Hex head (5/16-18 x 3/4")
7	103404	AR	WASHER, Lock (5/16")
8	110389	1	ARM ASSEMBLY, 4th inner
9	(Ref.)	-	TOP SLIDER ASSEMBLY <i>(For components, refer to Figure 3.10)</i>
10	110361	1	ARM ASSEMBLY, 4th outer
11	110381	1	ARM ASSEMBLY, 3rd inner
12	(Ref.)	-	BEEPER, LIGHT & HORN ASSEMBLIES <i>(For components, refer to Figures 3.17)</i>
13	111954	1	ENGINE GUARD DOOR LATCH ASSEMBLY
	102780	1	• LATCH, Right hand rotary
	103404	3	• WASHER, Lock (5/16")
	103864	3	• BOLT, Hex head (5/16"-18 x 1", Grade 5)
	103857	1	• BOLT, Hex head (1/4"-20 x 1", Grade 5)
	104000	6	• WASHER, Lock (1/4")
	103980	1	• NUT, Hex head (1/4"-20, Grade 5)
	111534	1	• KNOB, Rotary latch
14	110359	1	ARM ASSEMBLY, 3rd outer
15	110347	1	ARM ASSEMBLY, 2nd outer
16	(Ref.)	-	BOTTOM SLIDER ASSEMBLY <i>(For components, refer to Figure 3.10)</i>
17	(Ref.)	-	HARNESS, Holding valve <i>(For components, refer to Figure 3.14 and 3.15)</i>
18	(Ref.)	-	LIFT CYLINDER ASSEMBLY <i>(For components, refer to Figure 3.13)</i>
19	(Ref.)	-	LIMIT SWITCH PIN ASSEMBLY <i>(For components, refer to Figure 3.11)</i>
20	111135	12	BUMPER, Scissor arm (2-1/2" x 1-1/16") <b>(Arm)</b>
	105395	4	BUMPER, Scissor arm (2-1/2" x 1-1/2") <b>(Base)</b>
21	103937	AR	BOLT, Socket (3/8-16 Grade 5 x 3/4")
22	110328	1	ARM ASSEMBLY, 1st Outer
23	131952	AR	SPACER (1/4")
24	103938	AR	BOLT, Socket (3/8-16 Grade 5 x 1 1/2")

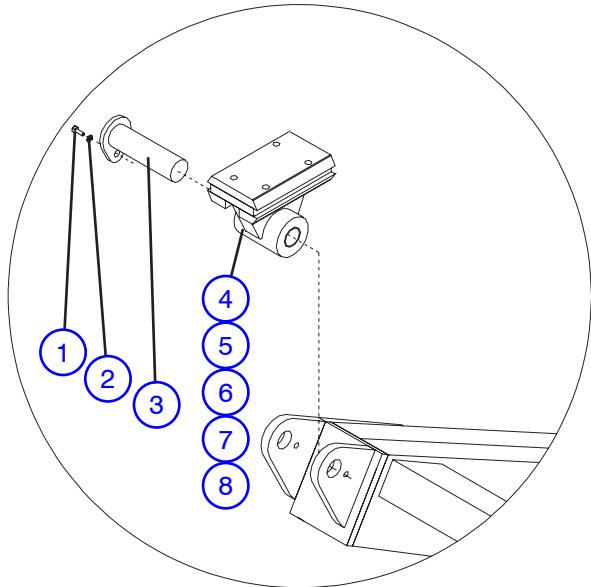
**Parts list continued on the following page.**

**Figure 3.9 Scissor Arm Assembly - Model 9241 (Continued)**

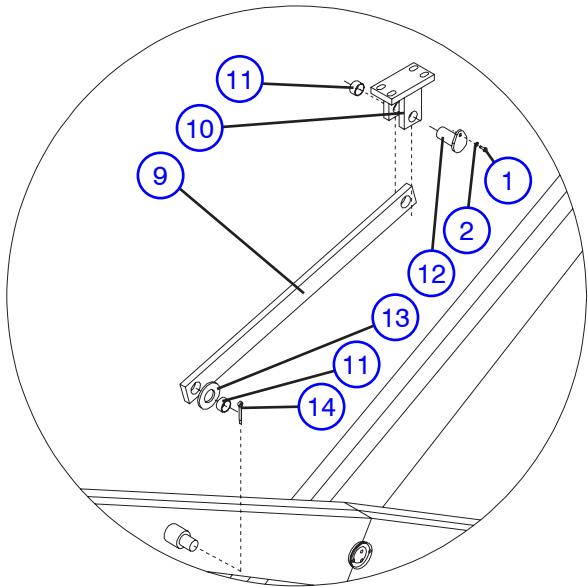
Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
25	-	-	<p>VALVE CENTERING BAR ASSEMBLY</p> <ul style="list-style-type: none"> <li>• BRACKET, Centering bar pivot/lowering valve</li> <li>• PIN WELDMENT, Centring bar</li> <li>• NUT, Hex head (0.312-18, Grade 5)</li> <li>• NUT, Hex head (0.25-20, Grade 5)</li> <li>• WASHER, Lock (0.25)</li> <li>• WASHER, Lock( 0.50, Grade 5)</li> <li>• NUT, Hex head (0.50-13, Grade 5)</li> <li>• WASHER, Lock (0.312)</li> <li>• WASHER, Flat (1 1/4" SAE)</li> <li>• COTTER PIN (1/4" x 2 1/2")</li> <li>• BOLT, Hex head (0.312-18 x 1.000, Grade 5)</li> <li>• BUSHING, Fiberglide (1-1/4" x 3/4")</li> <li>• CENTERING BAR WELDMENT</li> <li>• BOLT, Hex head (0.312-18 x 2, Grade 5)</li> <li>• WASHER, Flat (0.25)</li> <li>• SHCS (0.312-18 X 2)</li> <li>• BOLT, Hex head (1/2"-13 x 2.25")</li> <li>• WASHER, Flat (0.5)</li> <li>• BOLT, Hex head (0.312-18 x 0.750, Grade 5)</li> </ul>
26	(Ref.)	-	VALVE & VALVE BLOCK ASSEMBLY (For components, refer to Figure 3.12)
27	(Ref.)	-	CENTER PIN ASSEMBLY (For components, refer to Figure 3.11)

**Figure 3.10 Scissor Stack Mounting Hardware Assemblies - Model 9241**

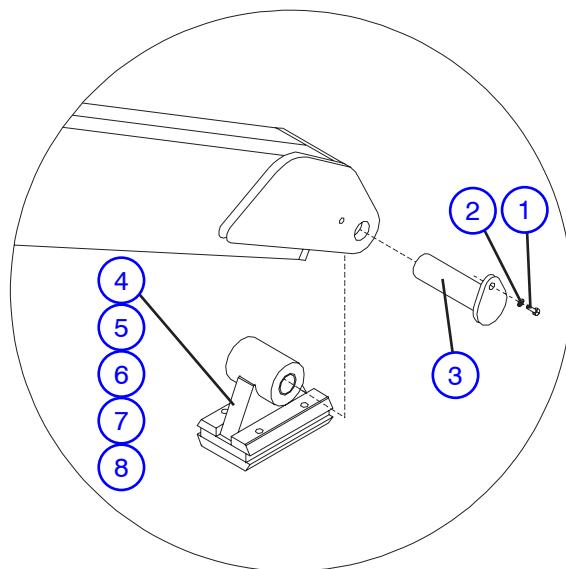
**Top Slider Assembly**



**Pivot Centering Bar Mounting Assembly**



**Bottom Slider Assembly**



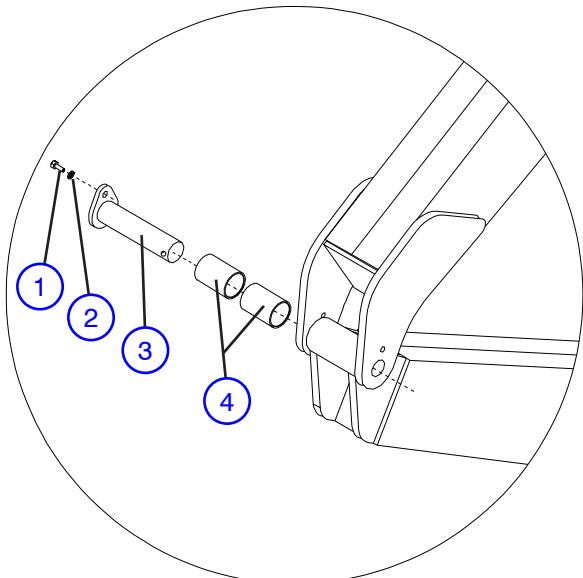
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**Figure 3.10 Scissor Stack Mounting Hardware Assemblies - Model 9241**

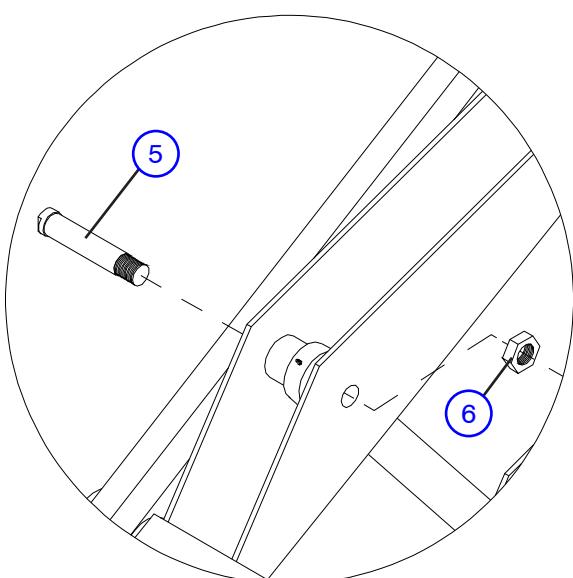
Index No.	Skyjack Part No.	Qty.	Description
1	103887	AR	BOLT, Hex head (5/16-18 x 3/4")
2	103404	AR	WASHER, Lock (5/16")
3	110413	4	PIN. Slider
4	111225	8	SLIDER ASSEMBLY <ul style="list-style-type: none"> <li>• BUSHING (1" x 1-1/8" x 3/8")</li> <li>• BUSHING (1" x 1-1/8" x 1-1/4")</li> <li>• WELDMENT, Slider</li> </ul>
5	105549	1	• PAD, Teflon (3/8" x 3-1/2" x 5-1/2")
6	101950	1	• PAD, Teflon (3/8" x 1-1/4" x 5-1/2")
7	103701	2	• PIN ( $\varnothing$ 3/8" 1-1/4")
8	101949	4	BAR, Centering
9	114043	4	WELDMENT, Centering bar pivot
10	101689	3	BOLT, Hex head (1/2"-13 x 2.25")
	103902	4	WASHER, Flat (1/2")
	103468	4	WASHER, Lock (1/2")
	103470	4	BUSHING, Fiberglide (1-1/4" x 3/4")
11	101523	2	PIN, Centering bar pivot
12	110418	4	WASHER, Flat (1-1/4")
13	103997	4	PIN, Cotter (1/4" x 2-1/2")
14	115532	4	

**Figure 3.11 Scissor Arm Connecting Hardware Assemblies - Model 9241**

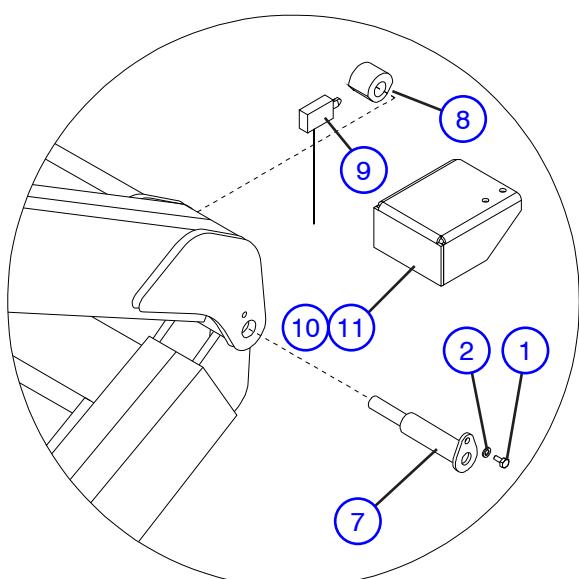
**End Pin Assembly**



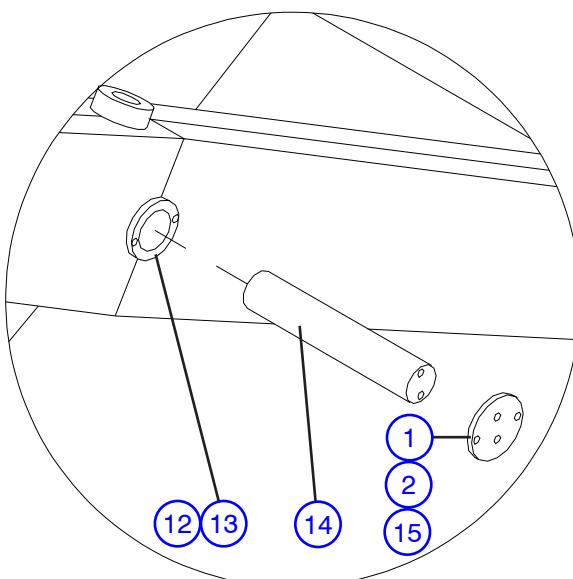
**Lift Cylinder Pivot Pin Assembly**



**Limit Switch Pin Assembly**



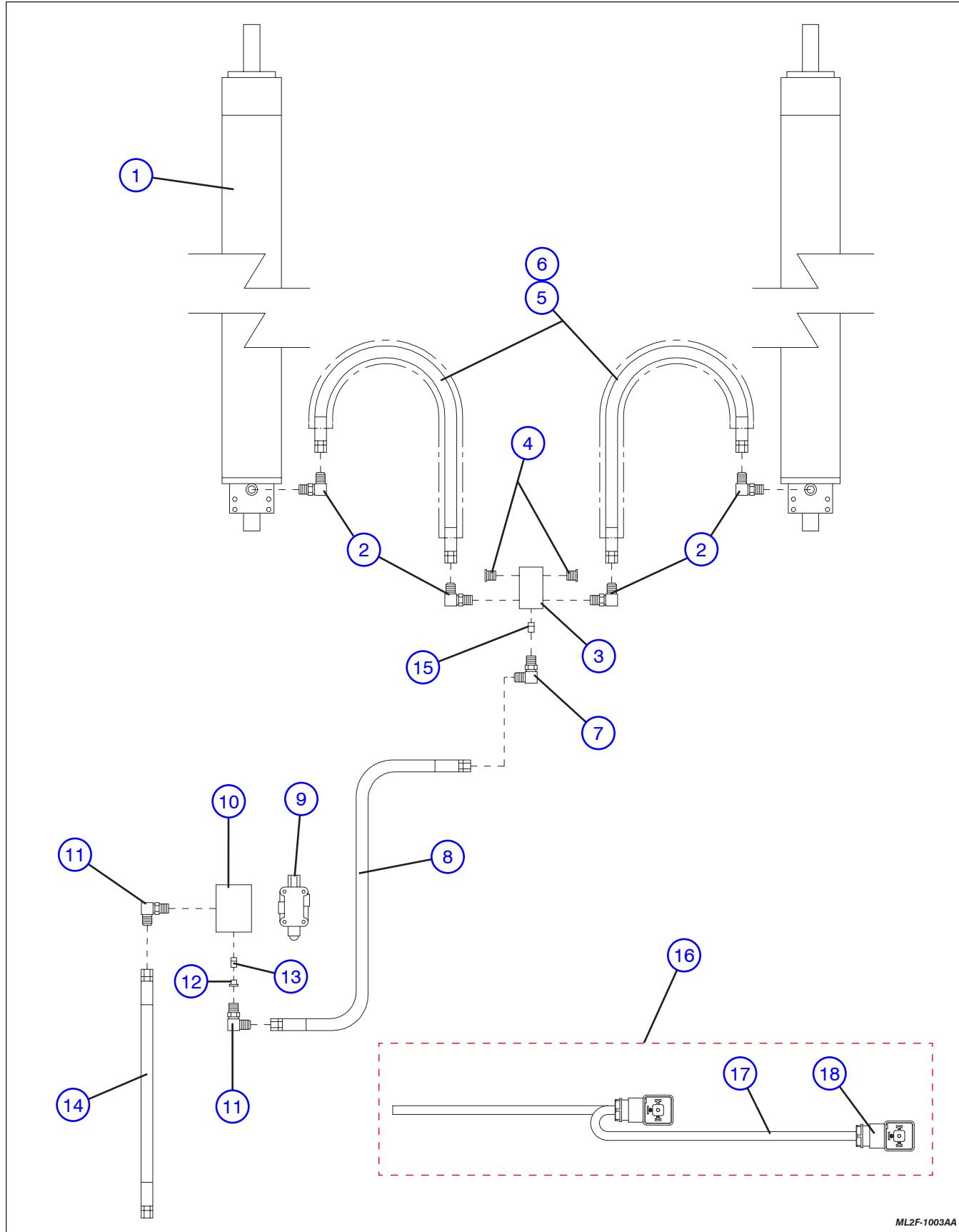
**Center Pin Assembly**



**Figure 3.11 Scissor Arm Connecting Hardware Assemblies - Model 9241**

Index No.	Skyjack Part No.	Qty.	Description
1	103887	AR	BOLT, Hex head (5/16-18 x 3/4")
2	103404	AR	WASHER, Lock (0.312)
3	148239	11	PIN, End (1-1/4")
4	125230	24	BUSHING, Fiberglide (1-1/4" x 2")
5	110409	4	PIN, Lift cylinder pivot
6	111137	4	NUT, Jam (2 1/8")
7	148241	1	PIN, End (1 - 1/4") (limit switch cam)
8	100967	1	CAM, Limit switch
9	119296	1	SWITCH, Limit (high speed cut-out)
	105621	2	• BOLT, Machine (#10-32 x 1")
	104964	2	• WASHER, Flat (#10 S.A.E.)
	104185	2	• WASHER, Lock (#10 NOM)
10	133130	1	COVER, Limit switch
11	-	-	HARDWARE, Limit switch cover
	104000	2	• WASHER, Lock (1/4")
	103995	4	• WASHER, Flat (1/4")
	103980	2	• NUT, Hex head (1/4"-20, Grade 5)
	112449	2	• SCREW, Hex head machine (1/4"-20 x 1")
12	117840	8	BEARING, Thrust
13	101564	24	BUSHING, Center pin (1-3/4" x 9-1/2")
14	110408	8	PIN, Center (1-3/4" x 9-1/2")
15	102236	16	PLATE, Center pin retainer
	101632	32	• BOLT, Hex head (3/8-16 x 3/4")
	103999	32	• WASHER, Lock (3/8")

**Figure 3.12 Hydraulic Hose & Electrical Connections- Scissors - Model 9241**

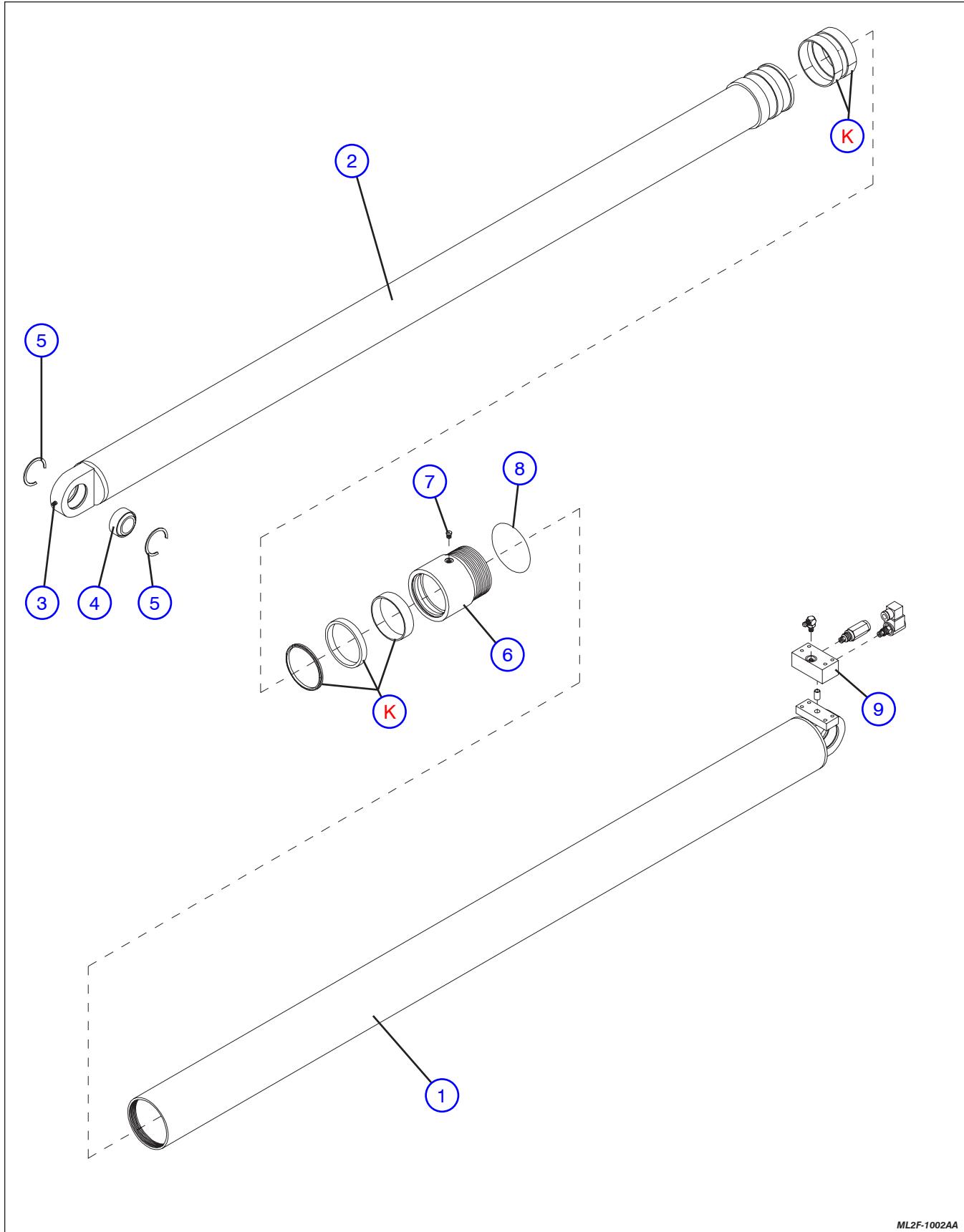


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**Figure 3.12 Hydraulic Hose & Electrical Connections - Scissors - Model 9241**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	LIFT CYLINDER ASSEMBLY (For components, refer to Figure 3.13)
2	114578	4	FITTING, Elbow (90° #6orb-#6)
3	125430	1	BLOCK, Lift manifold
	103746	8	• BOLT, Socket (5/16-18)
	104637	8	• WASHER, Lock (5/16)
4	104437	2	PLUG, Socket head (#6)
5	103090	2	CONDUIT, Convoluted (1-1/4" x 28")
6	110592	2	HOSE ASSEMBLY, Lift cylinder (30")
7	114582	1	FITTING, Elbow (90° #8orb-#6)
8	114227	1	HOSE ASSEMBLY, Lift manifold to lowering valve manifold (149")
9	113556	1	VALVE ASSEMBLY, Lowering
	119085	AR	• KIT, Seal repair
10	113494	1	BLOCK, Lowering valve manifold
	103943	1	BOLT, SHCS (1/4"-20 x 2")
	103980	1	NUT, Hex head (1/4"-20)
	104000	1	WASHER, Lock (1/4")
	103995	1	WASHER, Flat (1/4")
11	114583	2	FITTING, Elbow (90° #8orb-#8)
12	113496	1	SPACER, Orifice
13	125012	1	ORIFICE (Ø 0.110")
14	110473	1	HOSE ASSEMBLY, Lowering valve manifold to main manifold (60")
15	125244	1	ORIFICE (Ø 0.120")
16	120021	1	HARNESS, Holding
17	103256	370"	• CABLE, Cabtire (18/2)
18	119825	2	• CONNECTOR, Solenoid (with diode)

**Figure 3.13 Lift Cylinder Assembly - Model 9241**

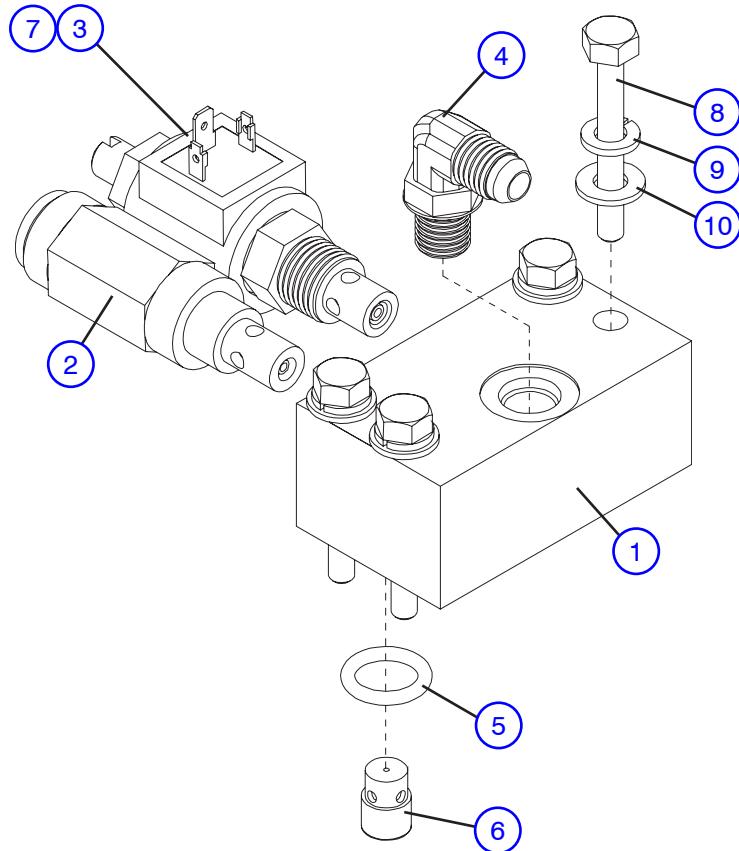


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**Figure 3.13 Lift Cylinder Assembly - Model 9241**

Index No.	Skyjack Part No.	Qty.	Description
-	120349	-	LIFT CYLINDER ASSEMBLY
1	120348	1	• WELDMENT, Cylinder barrel
2	109232	1	• WELDMENT, Cylinder rod
3	102027	2	• FITTING, Grease (1/8")
4	109249	4	• RING, Retaining
5	109250	2	• BEARING, Spherical
6	120317	1	• GLAND, Front end
7	102856	1	• PLUG, Socket head (3/8-24)
8	120446	1	• O-RING, Front gland
9	(Ref.)	-	BLOCK, Upper Lift cylinder manifold (For components, refer to Figure 3.14 & 3.15)
K	112165	-	KIT, Seal repair

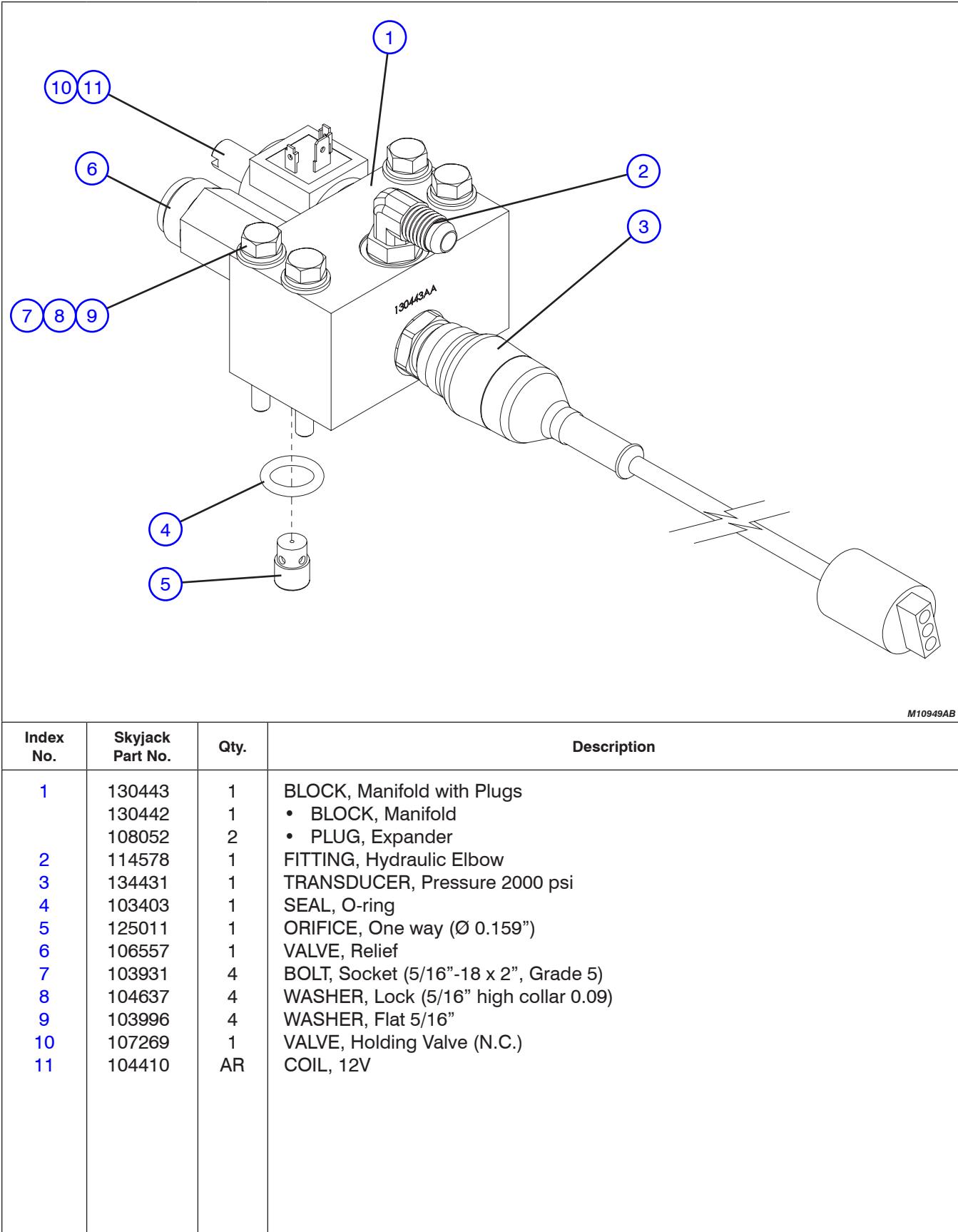
**Figure 3.14 Lift Cylinder Holding Valve Manifold Assembly without Transducer - Model 9241**



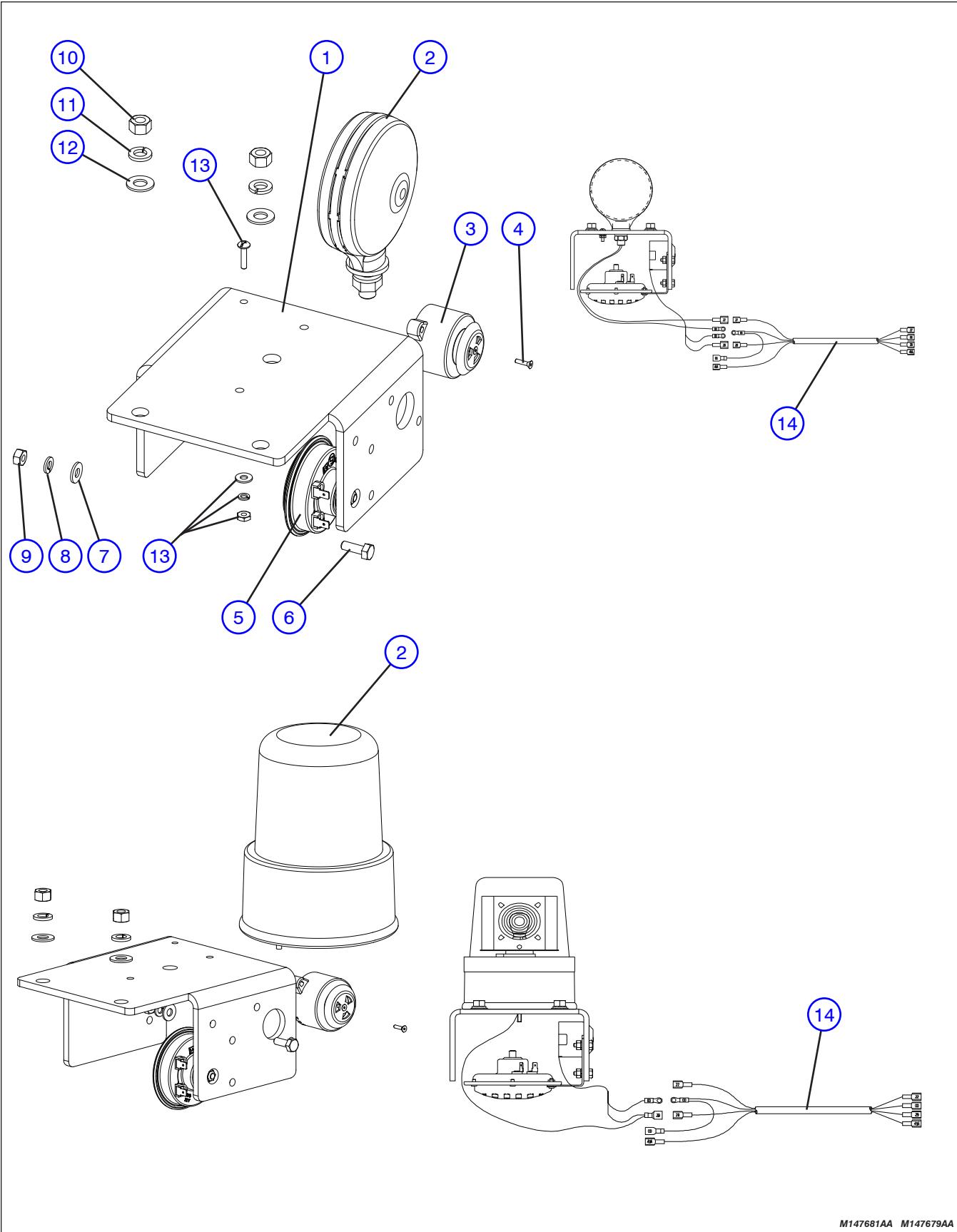
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Index No.	Skyjack Part No.	Qty.	Description
-	127385	-	LIFT CYLINDER MANIFOLD ASSEMBLY
1	106688 111316 108052	1 1 1	• BLOCK, Manifold with plugs • • BLOCK, Manifold • • PLUG, Expander
2	106557	1	VALVE, Relief
3	107269	1	VALVE, Holding valve (N.C.)
4	114578	1	FITTING, Hydraulic elbow
5	103403	1	SEAL, O-ring
6	125011	1	ORIFICE, One way ( $\varnothing$ 0.159")
7	104410	1	COIL, 12V
8	103931	4	BOLT, Socket (5/16"-18 x 2" Grade 5)
9	104637	4	WASHER, Lock (5/16" high collar 0.09)
10	103996	4	WASHER, Flat (5/16")

**Figure 3.15 Lift Cylinder Holding Valve Manifold Assembly with Transducer - Model 9241**



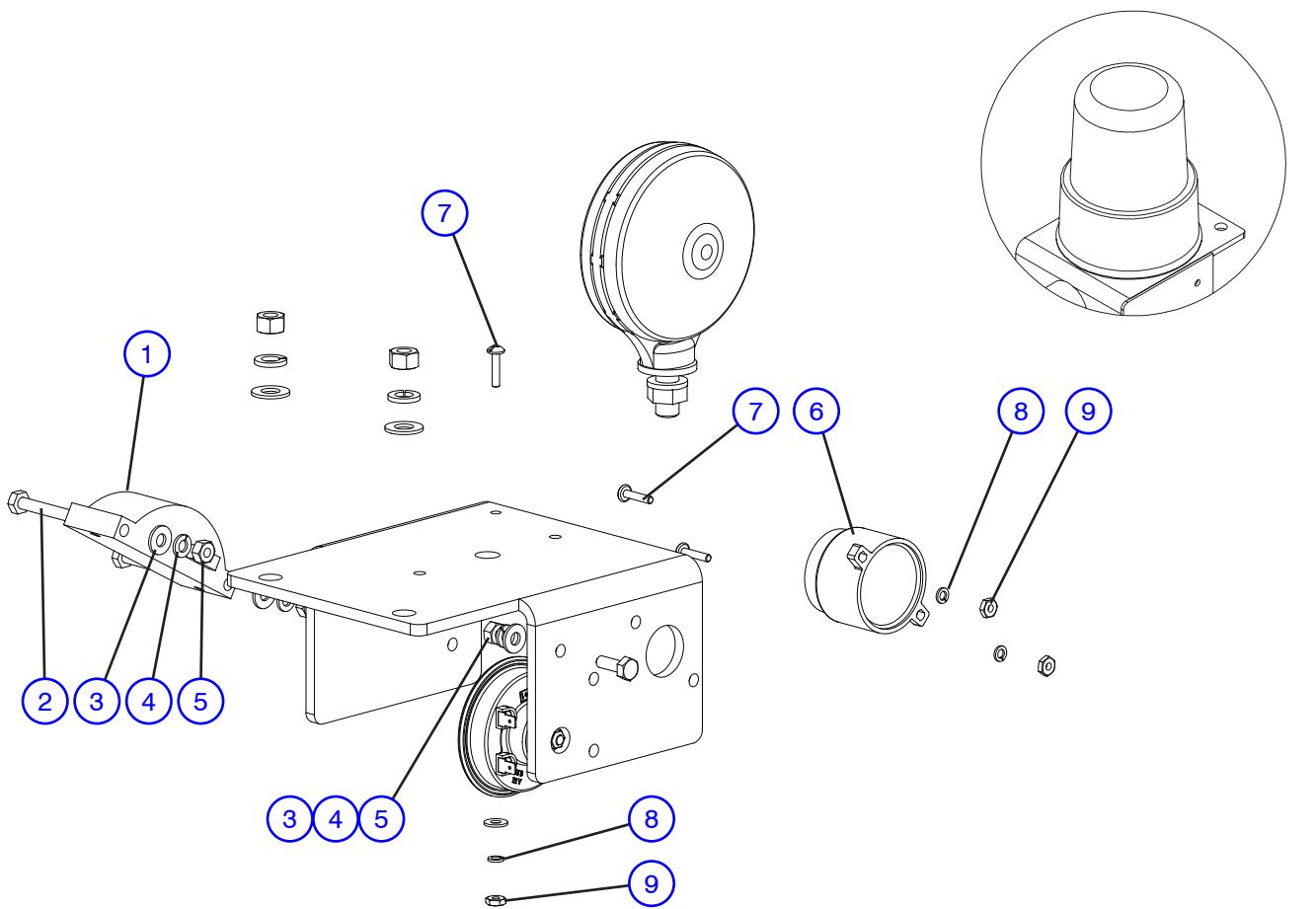
**Figure 3.16 Horn, Light & Beeper Assembly (ANSI/CSA)**



**Figure 3.16 Horn, Light & Beeper Assembly (ANSI/CSA)**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	147681	1	HORN, LIGHT & BEEPER ASSEMBLY ( <b>Standard</b> )
<b>B</b>	147679	1	HORN, ROTATING BEACON & BEEPER ASSEMBLY ( <b>Optional</b> )
<b>1</b>	132295	1	• PLATE, Horn/Light mount
<b>2</b>	126677	1	• LIGHT, Beacon (12 V) <b>A</b>
	107098	1	• BEACON, Rotating amber (12 V) <b>B</b>
<b>3</b>	103056	1	• BEEPER (7.5 - 16 VDC)
<b>4</b>	129196	1	• BOLT, Flat head (#4 x 40 x 1/2)
<b>5</b>	146652	1	• HORN, 12 Volt
<b>6</b>	103856	1	• BOLT, Hex head (1/4 - 20 x 3/4", Grade 5)
<b>7</b>	103995	1	• WASHER, Flat
<b>8</b>	104000	1	• WASHER, Lock (1/4")
<b>9</b>	103980	1	• NUT, Hex head (1/4" - 20, Grade 5)
<b>10</b>	103978	2	• NUT, Hex head (3/8 -16 Grade 5)
<b>11</b>	103999	2	• WASHER, Lock (3/8")
<b>12</b>	103472	2	• WASHER, Flat (3/8")
<b>13</b>	-	-	• HARDWARE, Ground wire <b>A</b>
	104698	1	• SCREW, Round head machine (10-32 x 3/4")
	104694	1	• WASHER, Flat (#10)
	104185	1	• WASHER, Lock (#10)
	104003	1	• NUT, Hex head (10-32)
<b>14</b>	127387	1	ASSEMBLY, Cabtire beeper (18/4)
	103255	240"	• CABTIRE (18/4)

Figure 3.17 Horn, Light, Beeper, & Load Sensing Assemblies (CE)

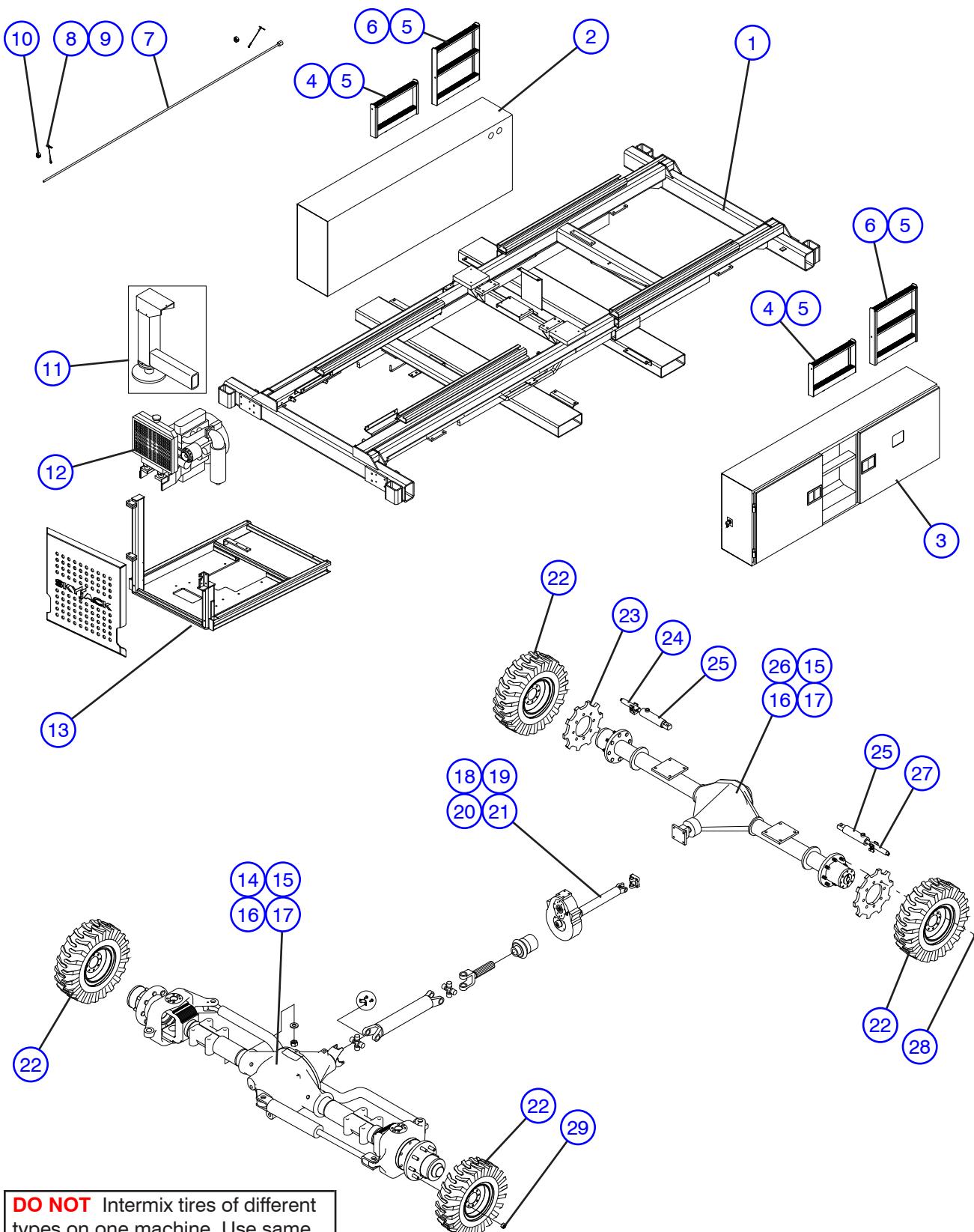


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Index No.	Skyjack Part No.	Qty.	Description
A	147682	-	HORN, LIGHT, BEEPER & TRANSDUCER ASSEMBLY (Standard)
B	147680	-	HORN, ROTATING BEACON, BEEPER & TRANSDUCER ASSEMBLY (Optional)
1	130440	1	• TRANSDUCER, Angle
2	103862	2	• BOLT, Hex head (1/4"-20 x 2-1/4" Grade 5)
3	103995	3	• WASHER, Flat (1/4")
4	104000	3	• WASHER, Lock (1/4")
5	103980	3	• NUT, Hex (1/4"-20)
6	117967	1	• BEEPER (XL-600 9-28 VDC)
7	104698	1	• SCREW, Round head machine (10-32 x 3/4")
8	104185	1	• WASHER, Lock (#10)
9	104003	1	• NUT, Hex head (10-32)

**Note:** For additional components refer to Figure 3.16.

**Figure 4.1 Base, Axles, and Wheels**



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**Figure 4.1 Base, Axles, and Wheels**

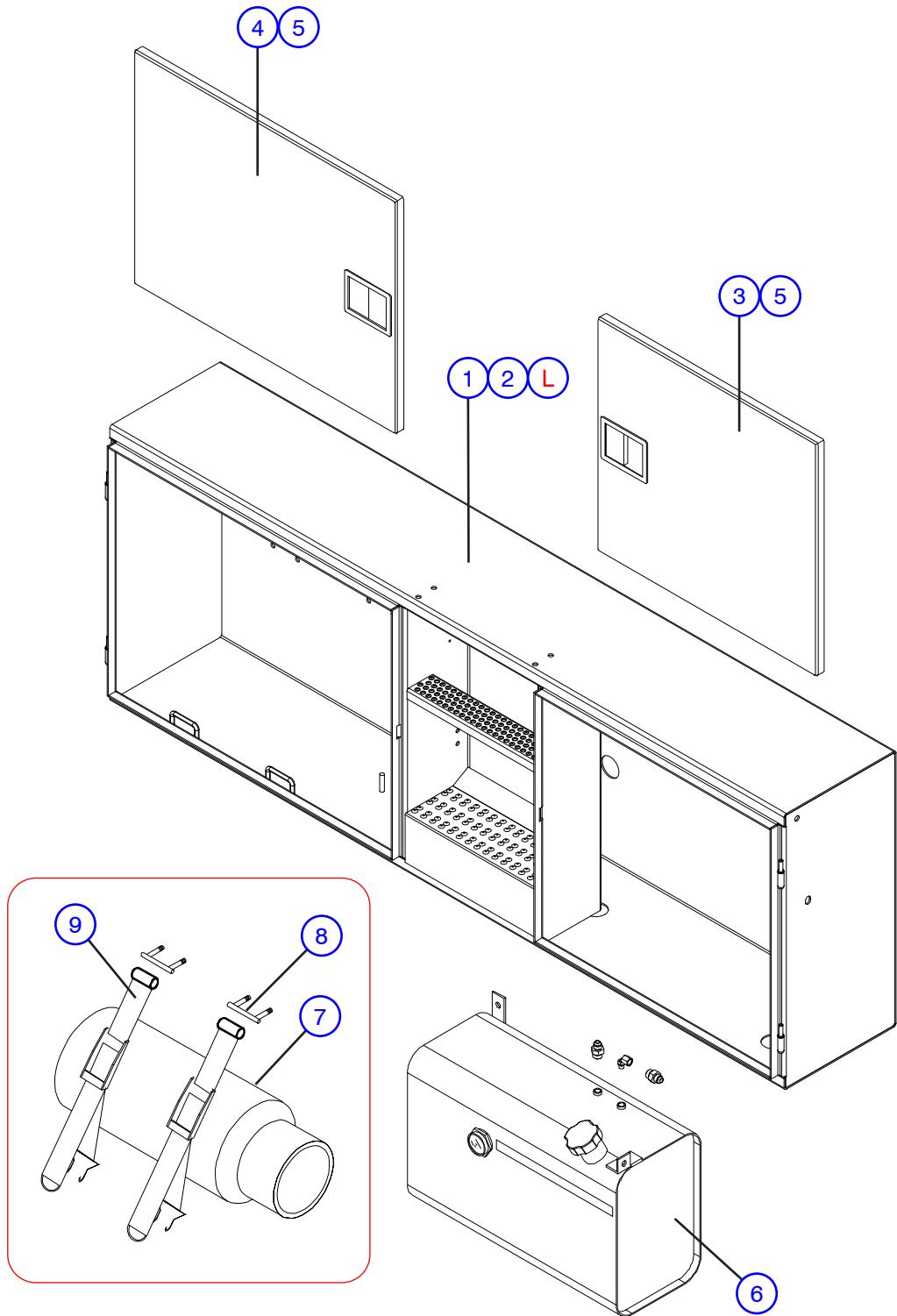
Index No.	Skyjack Part No.	Qty.	Description
1	133583	1	WELDMENT, Base ( <b>Model 9250</b> )
	149511	1	WELDMENT, Base (If equipped with scissor guards) ( <b>Model 9250</b> )
	147886	1	WELDMENT, Base ( <b>Model 9241</b> )
2	(Ref.)	-	CABINET ASSEMBLY (Fuel side) (For components, refer to Figure 4.2)
3	(Ref.)	-	CABINET ASSEMBLY (Hydraulic/electric side) (For components, refer to Figure 4.4)
4	147782	2	LADDER ( <b>Model 9241</b> )
5	-	-	HARDWARE, Ladder
	101632	4	BOLT, Hex head (3/8"-16 x 3/4")
	103472	4	WASHER, Flat (3/8")
	103999	4	WASHER, Lock (3/8")
6	148296	2	LADDER ( <b>Model 9250</b> )
7	132477	1	ROD, Emergency lowering access ( <b>Model 9241</b> )
8	124160	2	PIN ASSEMBLY, Locking ( <b>Model 9241</b> )
9	103964	2	SCREW, Round head machine (10"-32 x 1/4") ( <b>Model 9241</b> )
10	119920	2	CLIP, Vinyl coated ( <b>Model 9241</b> )
11	(Ref.)	-	OUTRIGGER LEG ASSEMBLY (For components, refer to Figure 7.3)
12	(Ref.)	-	ENGINE (For components, refer to Figure 6.3) ( <b>Kubota Diesel Fuel</b> ) (For components, refer to Figure 6.10) ( <b>GM</b> )
13	(Ref.)	-	ENGINE ROLL OUT TRAY & COVER ASSEMBLY (For components, refer to Figure 6.1)
14	(Ref.)	-	FRONT IDLE AXLE ASSEMBLY (2WD Models) (For components, refer to Figure 5.1)
	(Ref.)	-	FRONT DRIVE AXLE ASSEMBLY (4WD Models) (For components, refer to Figure 5.10) ( <b>Dana Axles</b> ) (For components, refer to Figure 5.3) ( <b>Cushman Axles</b> )
15	126361	8	BOLT, Hex head (1/2"-13 x 1.75", Grade 8)
16	126286	8	WASHER, Lock (1/2", heavy duty)
17	123856	8	NUT, Hex head (1/2"-13, Grade 8)
18	(Ref.)	-	CENTER DRIVE ASSEMBLY (For components, refer to Figure 5.14)
19	103907	4	BOLT, Hex head (1/2"-13 x 1.5")
20	103470	4	WASHER, Lock (1/2")
21	103468	4	WASHER, Flat (1/2")

**Parts list continued on the following page.**

**Figure 4.1 Base, Axles, and Wheels (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
22	129390 129389 129388 129387 103149 130034 130033 130032 134401 134399 134400 134402 134397 134398 130054 134394 134519 134517 134516 134520 134518 132515 134507 124672	1 2 2 1 1 1 2 2 1 2 2 1 2 2 1 1 1 2 2 1 1 2 1 1	WHEEL ASSEMBLY (#6 "Carlisle", 10 ply air filled, 75 psi) RIM/TIRE ASSEMBLY (LH, 10 ply air 3.75", 75 psi backspace) RIM/TIRE ASSEMBLY (RH, 10 ply air 3.75", 75 psi backspace) <ul style="list-style-type: none"> <li>• TIRE (10 ply, 31 x 10 x 15, 75 psi)</li> <li>• RIM (8.25 x 15 - 8 bolt)</li> </ul> WHEEL ASSEMBLY (#6 "Carlisle", 10 ply foam filled, 75 psi) RIM/TIRE ASSEMBLY (LH, 10 ply foam filled, 3.75" backspace) RIM/TIRE ASSEMBLY (RH, 10 ply foam filled, 3.75" backspace) WHEEL ASSEMBLY (#7 "Goodyear", 8 ply foam filled) <ul style="list-style-type: none"> <li>• WHEELS (LH, 4.375" backspace)</li> <li>• WHEELS (RH, 4.375" backspace)</li> </ul> WHEEL ASSEMBLY (#7 "Goodyear", 8 ply air filled) RIM/TIRE ASSEMBLY (LH, air 4.375 backspace) RIM/TIRE ASSEMBLY (RH, air 4.375 backspace) <ul style="list-style-type: none"> <li>• TIRE (8 ply, 45 psi)</li> <li>• RIM (15 x 13 x 8, 4.375 backspace)</li> </ul> WHEEL ASSEMBLY (#6 "OTR", 10 ply foam filled) (non-marking) <ul style="list-style-type: none"> <li>• WHEELS (LH, 3.75" backspace)</li> <li>• WHEELS (RH, 3.75" backspace)</li> </ul> WHEEL ASSEMBLY (#6 "OTR", 10 ply air filled) (non-marking) <ul style="list-style-type: none"> <li>• WHEELS (LH, 3.75" backspace, 75 psi)</li> <li>• WHEELS (RH, 3.75" backspace, 75 psi)</li> </ul> <ul style="list-style-type: none"> <li>• • TIRE ("OTR")</li> <li>• • RIM (3.75" offset)</li> </ul> PLATE, Brake
23	102006	2	WELDMENT, Brake pin (RH) <b>(Dana Axles)</b>
24	104489	1	BRAKE CYLINDER ASSEMBLY
25	(Ref.)	-	(For components, refer to Figure 4.13) <b>(Dana Axles)</b>
26	(Ref.)	-	REAR DRIVE AXLE ASSEMBLY (For components, refer to Figure 5.18) <b>(Dana Axles)</b> (For components, refer to Figure 5.15) <b>(Cushman Axles)</b>
27	104490	1	WELDMENT, Brake pin (LH) <b>(Dana Axles)</b>
28	103315	AR	NUT, Wheel (5/8"-18)
29	103198	AR	BOLT, Wheel (5/8"-18)

**Figure 4.2 Fuel Side Cabinet**

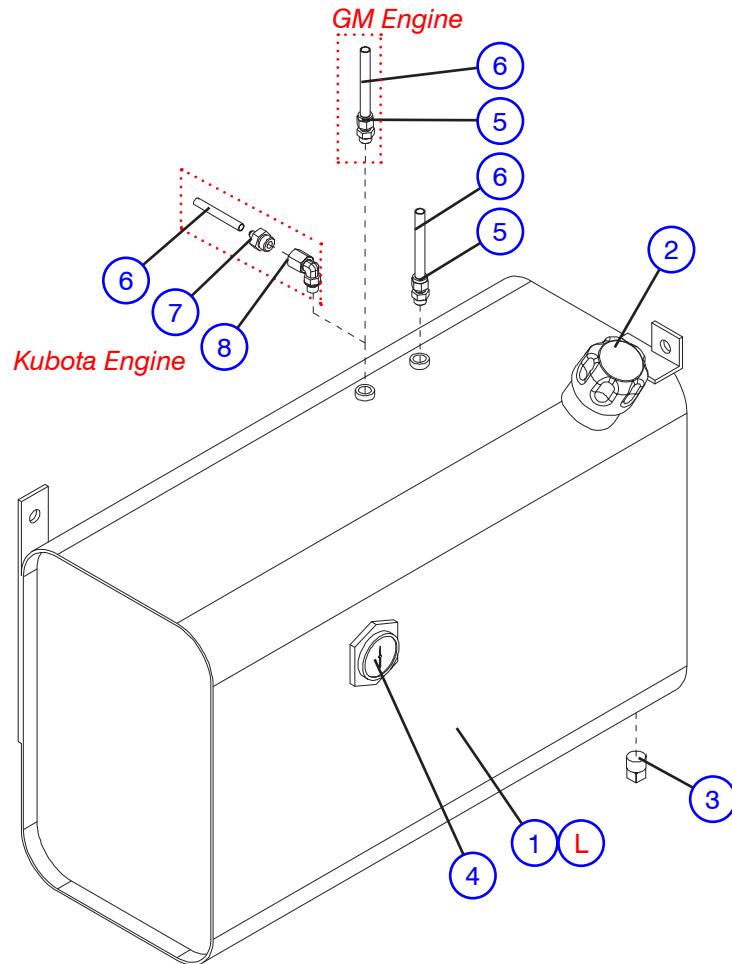


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**Figure 4.2 Fuel Side Cabinet**

Index No.	Skyjack Part No.	Qty.	Description
1	149518	1	WELDMENT, Fuel side cabinet
2	117398	10	TRIM, Protective
3	107582	1	DOOR, Fuel tank cabinet
	103628	17.7	• SEAL, Door
	101541	1	• LATCH, Door with key
	111944	AR	• • KEY, Door latch
4	107584	1	DOOR, Propane tank cabinet
	103628	112"	• SEAL, Door
	101541	1	• LATCH, Door with key
	111944	AR	• • KEY, Door latch
5	104104	2	CABLE, Lanyard (20")
6	(Ref.)	-	FUEL TANK ASSEMBLY <i>(For components, refer to Figure 4.3)</i>
7	145976	1	TANK, Propane <b>(Dual fuel engines)</b>
8	101630	1	HOOK, Propane tank strap <b>(Dual fuel engines)</b>
9	103020	1	STRAP, Propane tank (set of 2) <b>(Dual fuel engines)</b>
L	(Ref.)	-	LABELS <i>(Refer to Figure 8.3)</i>

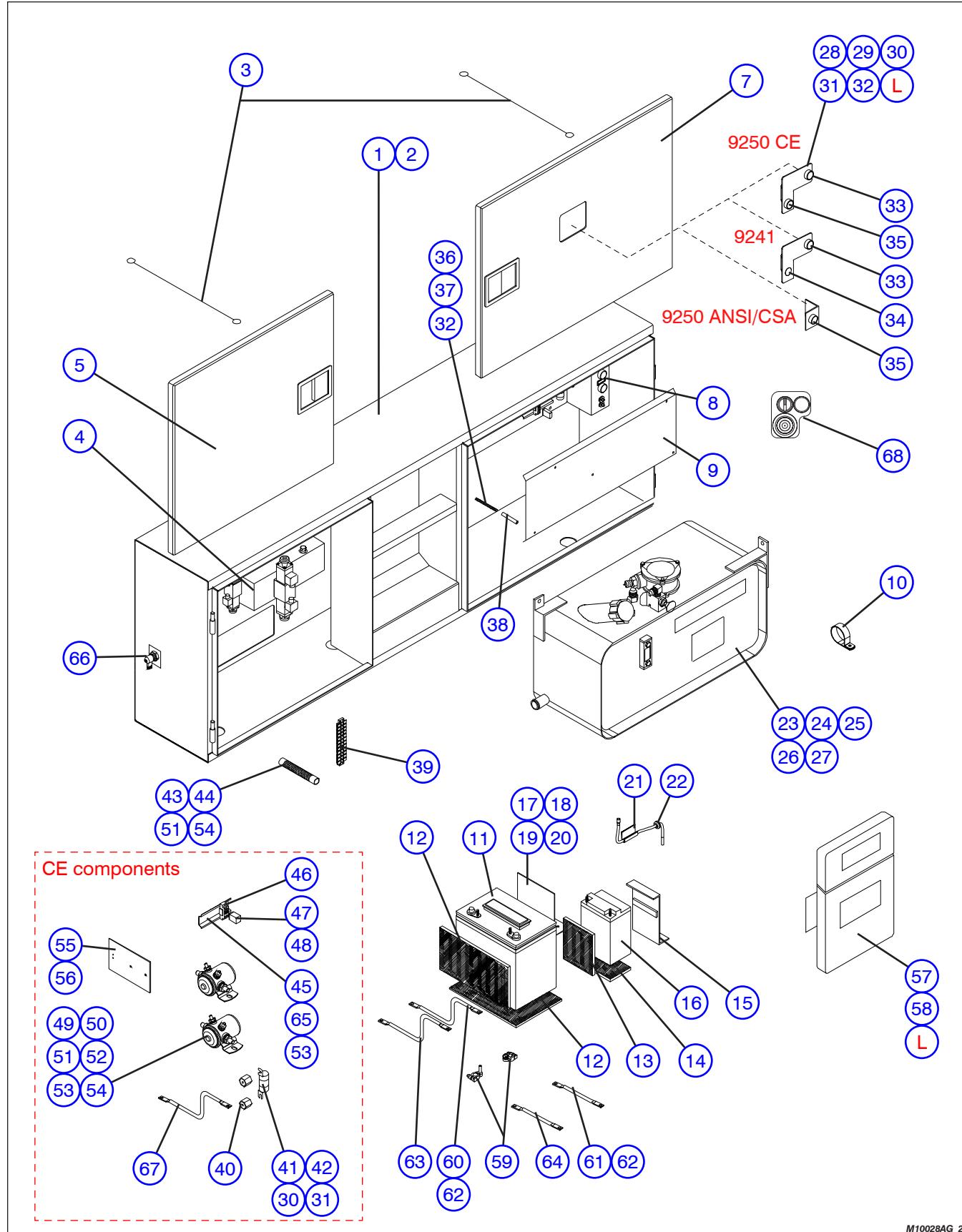
**Figure 4.3 Fuel Tank and Connections**



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Index No.	Skyjack Part No.	Qty.	Description
-	130004	1	FUEL TANK ASSEMBLY
1	137518	1	• WELDMENT, Fuel tank
2	132127	1	• CAP, Fuel Filter (with vent) <b>(Kubota diesel)</b>
	146084	1	• CAP, Fuel Filter <b>(GM)</b>
3	103339	1	• PLUG, Drain (3/4" NPT, magnetic)
4	139428	1	• GAUGE, Fuel tank
5	103155	AR	• FITTING, Brass tube bushing
6	(Ref.)	-	HOSE, Fuel line <i>(For components, refer to Figure 6.4) (Kubota diesel)</i> <i>(For components, refer to Figure 6.13) (GM)</i>
7	103176	1	FITTING, Hose barb (1/4" to 1/8" reducer) <b>(Kubota diesel)</b>
8	103164	1	FITTING, Brass elbow <b>(Kubota diesel)</b>
L	(Ref.)	-	LABEL, Fuel tank <i>(Refer to Figure 8.3)</i>

**Figure 4.4 Hydraulic/Electric Side Cabinet**



**Figure 4.4 Hydraulic/Electric Side Cabinet**

Index No.	Skyjack Part No.	Qty.	Description
1	149571	1	WELDMENT, Hydraulic/electrical cabinet
2	117398	36	TRIM, Protective
3	104104	AR	CABLE, Lanyard (20")
4	107586	1	DOOR, Battery/Manifold cabinet
	103628	101"	<ul style="list-style-type: none"> <li>• SEAL, Door</li> <li>• LATCH, Door with key</li> <li>• • KEY, Door latch</li> </ul>
5	(Ref.)	-	MAIN MANIFOLD ASSEMBLY <i>(For components, refer to Figure 4.17)</i>
6	-	-	HARDWARE, Main manifold assembly
	116107	4	<ul style="list-style-type: none"> <li>• STUD, Mounting</li> <li>• WASHER, Flat (1/4")</li> <li>• WASHER, Lock (1/4")</li> <li>• NUT, Hex (1/4-20, Grade B)</li> </ul>
7	107583	1	DOOR, Base panel/oil tank cabinet (with hole)
	103628	112"	<ul style="list-style-type: none"> <li>• SEAL, Door</li> <li>• LATCH, Door with key</li> <li>• • KEY, Door latch</li> </ul>
8	(Ref.)	-	MAIN ELECTRICAL PANEL ASSEMBLY <i>(For components, refer to Figure 4.18)</i>
9	120183	1	COVER, Relay panel
10	132792	1	CLAMP, Cable bundle (7/8")
	132793	1	CLAMP, Cable bundle (1-3/8")
11	103295	1	BATTERY (12V)
12	112125	2	SPACER, Battery plywood
	120342	1	SPACER, Battery bottom neoprene <b>(AS)</b>
13	113456	1	SPACER, Emergency battery plywood
14	113455	1	PAD, Emergency battery plywood
15	108796	1	EMERGENCY BATTERY MOUNTING PLATE ASSEMBLY
	103628	4"	<ul style="list-style-type: none"> <li>• SEAL, Foam</li> </ul>
16	108789	1	BATTERY (12V, #12N14-3A)
17	108794	1	BATTERY MOUNTING PLATE ASSEMBLY
	103628	5.75"	<ul style="list-style-type: none"> <li>• SEAL, Foam</li> </ul>
18	103887	2	BOLT, Hex head (5/16"-18 x 3/4", Grade 5)
19	103404	2	WASHER, Lock (5/16")
20	100397	2	NUT, Hex head (5/16"-18, Grade 5)
21	108791	1	CLIP, Adhesive back cord
22	100616	1	GROMMET, RB-220 (9/16")
23	(Ref.)	-	HYDRAULIC OIL TANK ASSEMBLY <i>(For components, refer to Figure 4.5)</i>
24	103473	2	BOLT, Hex head (3/8"-16 x 1")
25	103472	4	WASHER, Flat (3/8")
26	103999	2	WASHER, Lock (3/8")
27	103978	2	NUT, Hex (3/8"-16)

**Parts list continued on the following page.**

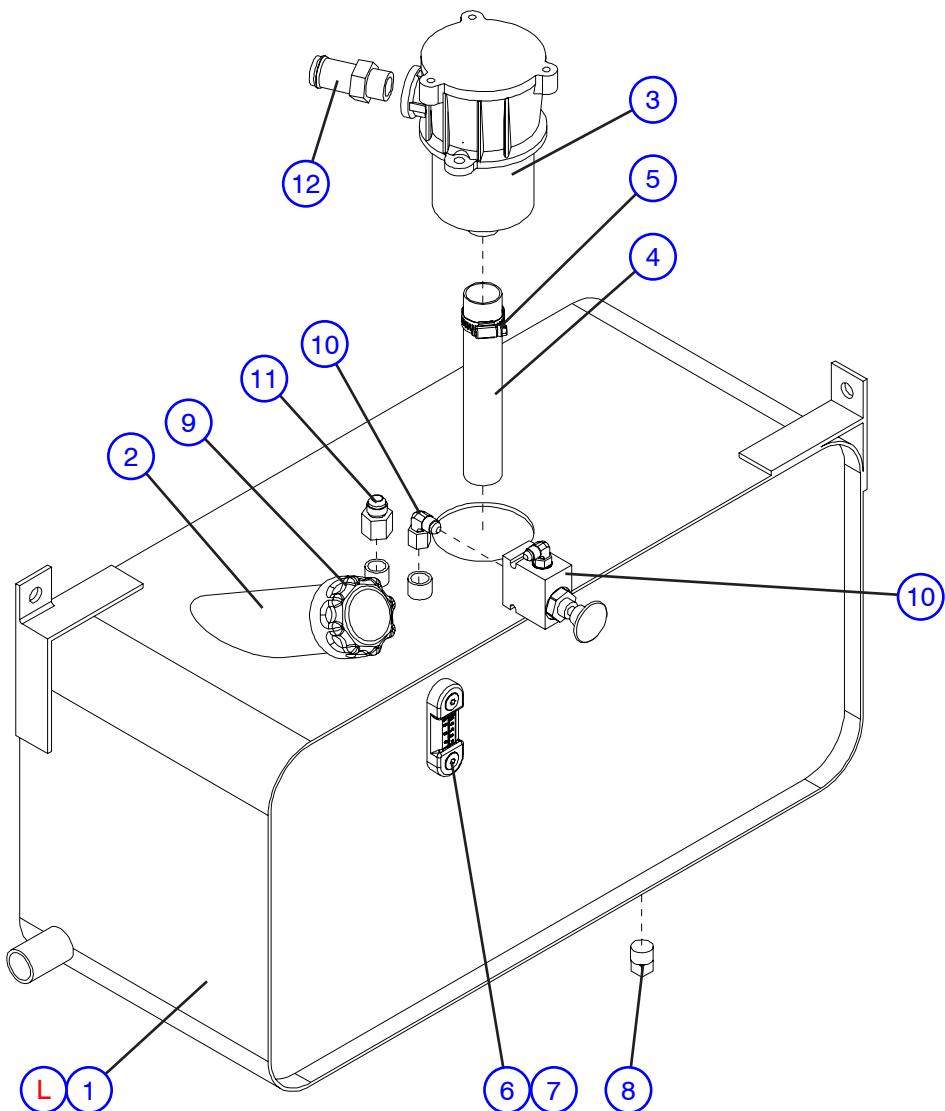
**Figure 4.4 Hydraulic/Electric Side Cabinet (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
28	117649	1	BRACKET, Emergency lowering retraction
29	103995	4	WASHER, Flat (1/4")
30	104000	6	WASHER, Lock (1/4")
31	103860	2	BOLT, Hex head (1/4"-20 x 1.75", Grade 5)
32	103980	7	NUT, Hex (1/4")
33	-	1	EMERGENCY EXT. PLATFORM RETRACTION SWITCH ASSEMBLY ( <b>CE</b> )
	102765	1	• HEAD, Switch (Red)
	103100	1	• BASE, Contact
	103141	1	• BLOCK, Contact (NO)
34	102956	1	PLUG, Snap-in hole (7/8") ( <b>Model 9241</b> )
35	-	1	EMERGENCY LOWERING SWITCH ASSEMBLY ( <b>Model 9250</b> )
	102765	1	• HEAD, Switch (Red)
	103100	1	• BASE, Contact
	103141	1	• BLOCK, Contact (NO)
36	120177	5	STUD, (1/4"-20 x 3-1/2")
37	120175	5	NUT, Wing (1/4"-20)
38	120176	5	SPACER, Relay panel cover
66	119726	1	SWITCH, Power disconnect
	105600	2	• BOOT, Red
	108714	1	• KIT, Disconnect switch lockout
	126438	1	• ASSEMBLY, Main disconnect wire
39	103105	1	TERMINAL BLOCK (16 Pin)
	108170	AR	• TERMINAL, Double
40	103068	2	INSULATOR, Fuse
41	111282	1	FUSE (100 amp)
42	103855	4	BOLT, Hex head (1/4"-20 x 1/2", Grade 5)
43	108788	1	RESISTOR (3 Ohm/100W)
44	132791	2	CLAMP, Plastic (3/4")
45	133153	1.25"	TRACK, Relay mounting
	102986	2	• CLIP, Relay
46	103271	1	SOCKET, Double relay
47	103207	1	RELAY, DPDT (12V)
48	121460	1	SPRING, Hold down dual
49	111787	2	CONTACTOR (12V)
50	102921	1	DIODE (6 amp, 1000 PIV)
51	103962	4	SCREW, Round head machine (#10-32 x 0.5")
52	104185	4	WASHER, Lock
53	104694	6	WASHER, Flat
54	104003	6	NUT (#10-32)
			<b>Parts list continued on the following page.</b>

**Figure 4.4 Hydraulic/Electric Side Cabinet (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
55	104698	2	SCREW, Round head machine (#10-32 x 0.75")
56	117630	1	PLATE, Contactor/Relay mounting
57	117293	1	BOX, Manual
58	117363	1	PLATE, Manual box mounting
59	107898	1	ADAPTER, Marine battery terminal
	128619	1	• ADAPTER (Positive post to 3/8" stud)
	128620	1	• ADAPTER (Negative post to 5/16" stud)
60	119555	1	CABLE (#2, 3/8 x 12" x 3/8) (Battery positive to main disconnect switch)
61	119559	1	CABLE (#2, 3/8 x 186" x 3/8) (Main disconnect switch to engine starter)
62	105600	2	BOOT, Battery (Red)
63	134418	1	CABLE (#2, 5/16 x 78" x 5/16) (Battery negative to e-chain bracket)
64	119560	1	CABLE (#2, 3/8 x 102" x 5/16) (E-chain bracket to engine block)
65	103964	2	SCREW, Round head machine (#10-32 x 0.25")
66	119726	1	SWITCH, Power disconnect
	105800	2	• BOOT, Red
	108714	1	• KIT, Disconnect switch lockout
	126438	1	• MAIN DISCONNECT WIRE ASSEMBLY
67	(Ref.)	-	EMERGENCY LOWERING WIRING ASSEMBLY (For components, refer to Figure 4.12)
68	(Ref.)	1	BASE CONTROL CONSOLE ASSEMBLY (For components, refer to Figure 4.20)
L	(Ref.)	-	LABELS (Refer to Figure 8.3)

**Figure 4.5 Hydraulic Oil Tank Assembly**

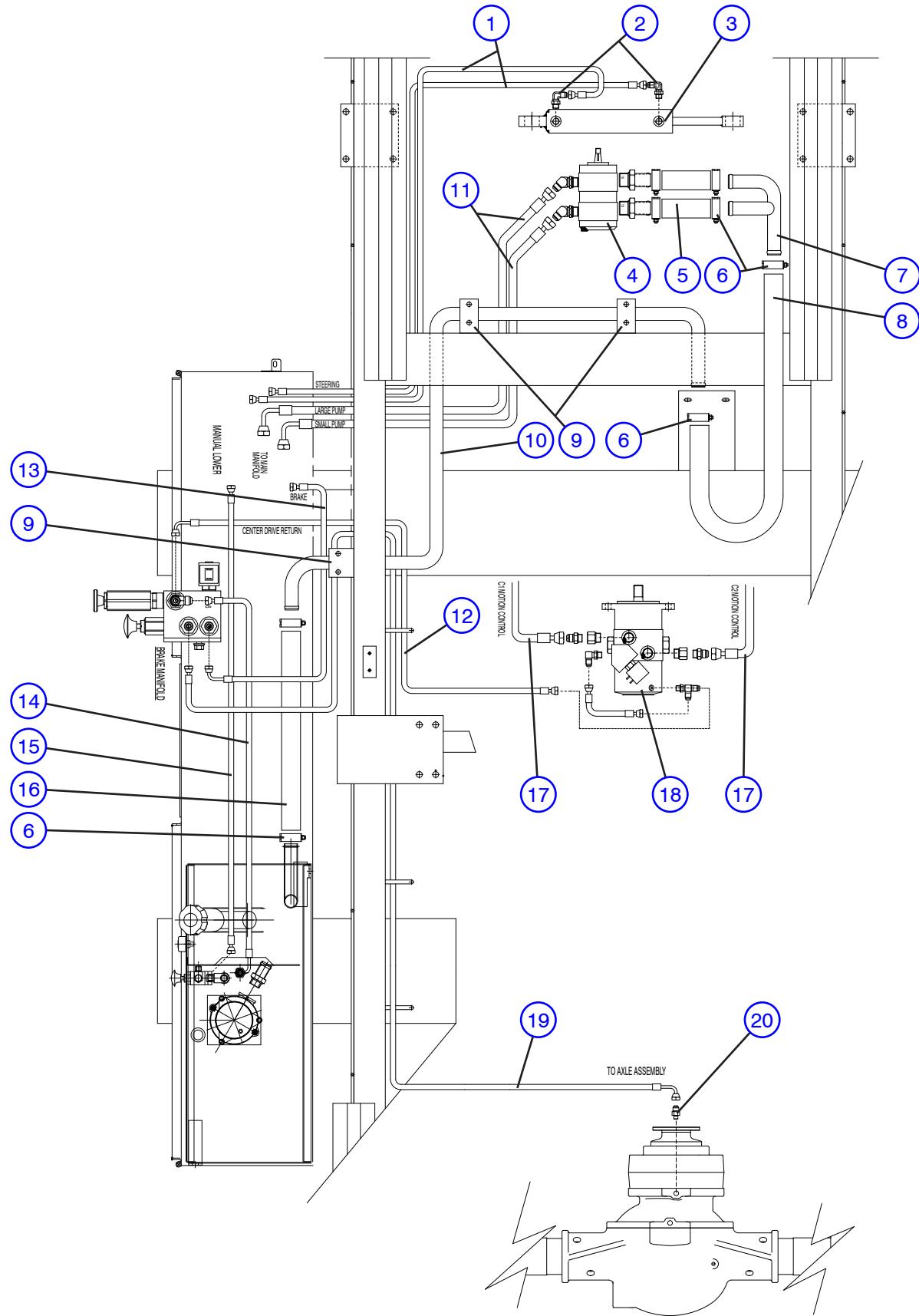


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**Figure 4.5 Hydraulic Oil Tank Assembly**

Index No.	Skyjack Part No.	Qty.	Description
-	130003	-	HYDRAULIC OIL TANK ASSEMBLY
1	132184	1	• WELDMENT, Hydraulic oil tank
2	132128	1	• SCREEN, Filler neck (Inside)
3	109568	1	• RETURN FILTER ASSEMBLY
	103857	2	• • BOLT, Hex head (1/4-20 x 1)
	104000	2	• • WASHER, Lock (1/4")
	103980	2	• • NUT, Hex (1/4-20)
	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
4	102918	9"	• HOSE, Tank (1")
5	103320	1	• CLAMP, Gear (#16)
6	103236	1	• OIL LEVEL TEMPERATURE GAUGE ASSEMBLY
7	124311	2	• INSERT, Threaded ( <b>Not needed if ordering gauge assembly</b> )
8	103339	1	• PLUG (3/4", magnetic)
9	139429	1	• CAP, Tank (with vent)
10	(Ref.)	-	• EMERGENCY LOWERING VALVE ASSEMBLY <i>(For components, refer to Figure 4.11)</i>
11	115770	1	• FITTING, Adapter (3/8" P - #6)
12	112187	1	• FITTING, Hose barb (#12 ORB - 1")
L	(Ref.)	-	LABEL, Hydraulic tank ( <b>Not shown</b> ) <i>(Refer to Figure 8.3)</i>

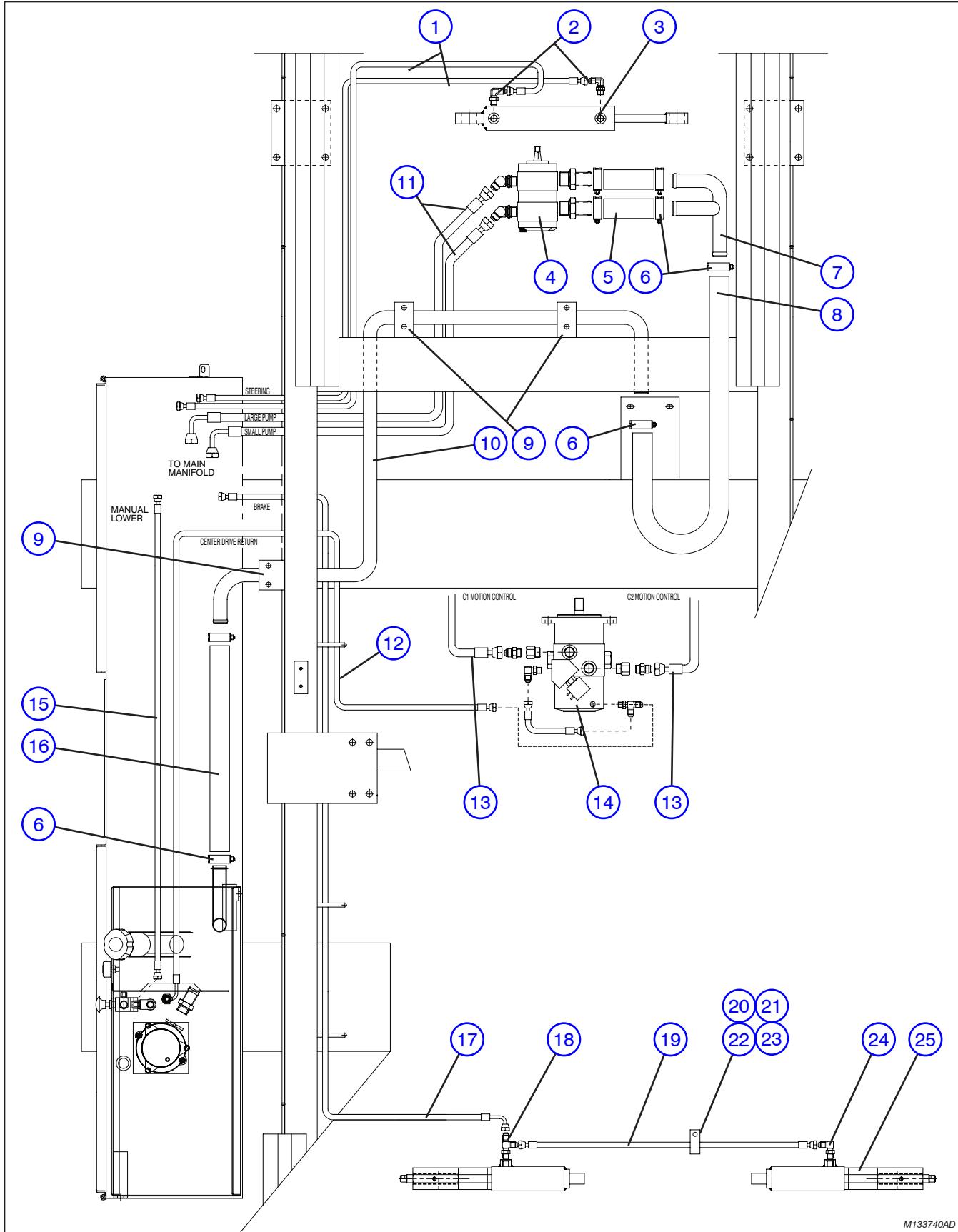
**Figure 4.6 Hydraulic Hose Connections - Base (Cushman Axles) (Model 9250)**



**Figure 4.6 Hydraulic Hose Connections - Base (Cushman Axles) (Model 9250)**

Index No.	Skyjack Part No.	Qty.	Description
1	106291	2	HOSE ASSEMBLY (Steering, 102")
2	114578	3	FITTING, Elbow, 90°
3	(Ref.)	-	STEER CYLINDER ASSEMBLY <i>(For components, refer to Figure 5.8) (Cushman Axles)</i>
4	(Ref.)	-	DUAL HYDRAULIC PUMP ASSEMBLY <i>(For components, refer to Figure 6.7)</i>
5	143493	2	HOSE, Suction (1.25" diameter x 8")
6	114326	8	CLAMP, Hose (1.58")
7	123676	1	TUBE, Suction pump
8	119860	1	HOSE, Suction (1.25" diameter x 73")
9	112381	3	KIT, U-bolt
10	114821	1	TUBE, Suction hydraulic line
11	115760	2	HOSE ASSEMBLY (Return, 190")
12	102576	1	HOSE, Drain (Manual brake release to 2-Speed motor, 1/4" x 50")
13	108003	1	HOSE ASSEMBLY (Manual brake release to manifold, 1/4" x 16")
14	139694	1	HOSE, Drain (1/4" x 40")
15	112930	1	HOSE ASSEMBLY (Manual lowering, 36")
16	119865	1	HOSE, Suction (1.25" diameter x 30")
17	119014	2	HOSE ASSEMBLY (2-Speed motor to motion control valve)
18	(Ref.)	-	MOTOR ASSEMBLY (2 Speed drive) <i>(For components, refer to Figure 5.13)</i>
19	104584	1	HOSE ASSEMBLY (Axe assembly to brake manifold, 1/4" x 109")
20	141514	1	FITTING, Straight

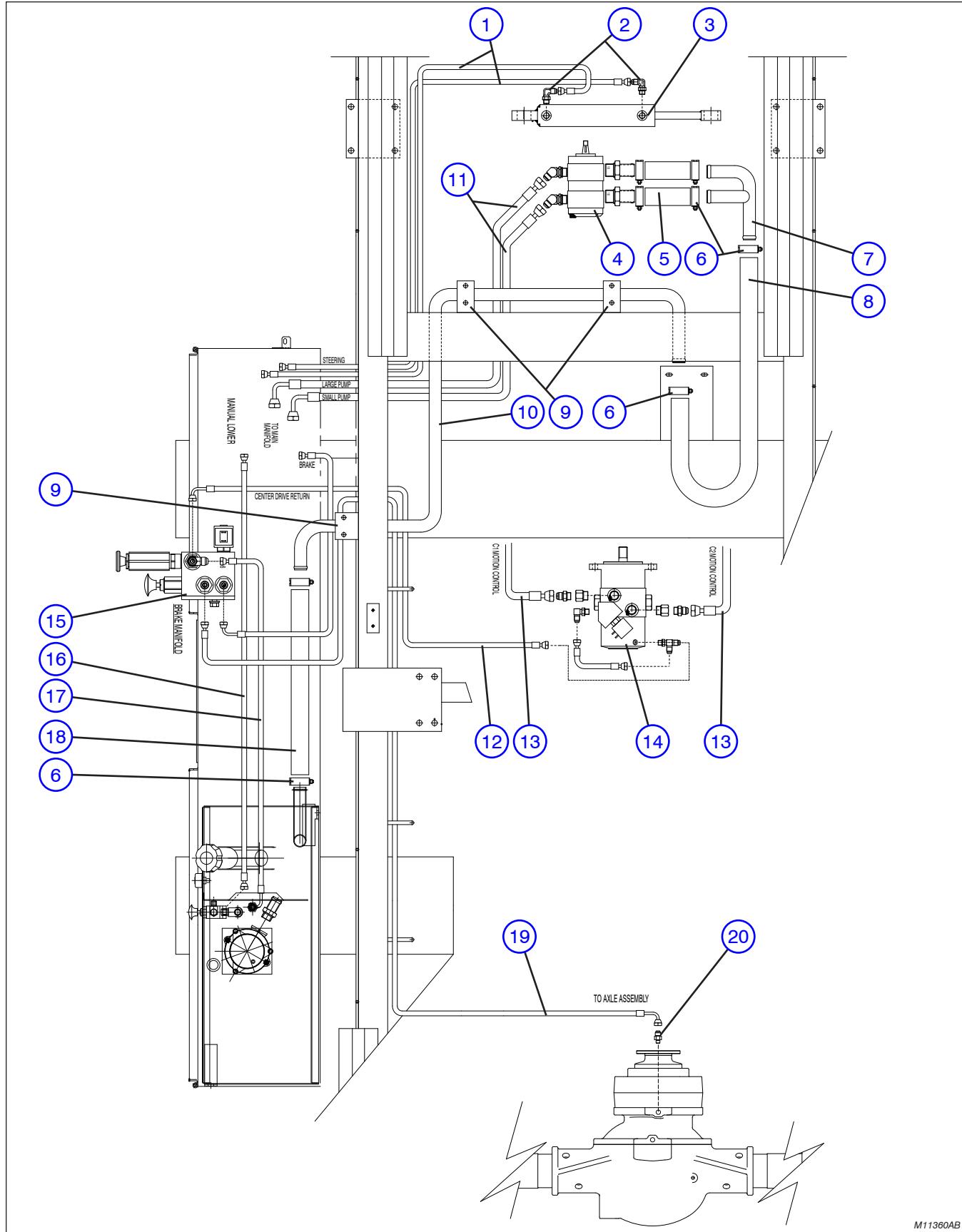
**Figure 4.7 Hydraulic Hose Connections - Base (Dana Axles) (Model 9250)**



**Figure 4.7 Hydraulic Hose Connections - Base (Dana Axles) (Model 9250)**

Index No.	Skyjack Part No.	Qty.	Description
1	106291	2	HOSE ASSEMBLY (Steering, 102")
2	114578	3	FITTING, Elbow, 90°
3	(Ref.)	-	STEER CYLINDER ASSEMBLY <i>(For components, refer to Figure 5.11) (Dana Axles)</i>
4	(Ref.)	-	DUAL HYDRAULIC PUMP ASSEMBLY <i>(For components, refer to Figure 6.7)</i>
5	143493	2	HOSE, Suction (1.25" diameter x 8")
6	114326	8	CLAMP, Hose (1.58")
7	123676	1	TUBE, Suction pump
8	119860	1	HOSE, Suction (1.25" diameter x 73")
9	112381	3	KIT, U-bolt
10	114821	1	TUBE, Suction hydraulic line
11	115760	2	HOSE ASSEMBLY (Return, 190")
12	115769	1	HOSE ASSEMBLY, Drain (3/8" x 88")
13	119014	2	HOSE ASSEMBLY (2-Speed motor to motion control valve)
14	(Ref.)	-	MOTOR ASSEMBLY (2 Speed drive) <i>(For components, refer to Figure 5.13)</i>
15	112930	1	HOSE ASSEMBLY (Manual lowering, 36")
16	119865	1	HOSE, Suction (1.25" diameter x 30")
17	104584	1	HOSE ASSEMBLY (Brake cylinder to main manifold, 1/4" x 109")
18	103072	1	FITTING, Tee
19	102543	1	HOSE (Brake cylinders)
20	102929	1	CLIP, Single
21	103995	2	WASHER, Flat
22	104000	2	WASHER, Lock
23	103983	2	NUT, Jam
24	114578	AR	FITTING, Elbow (90°)
25	(Ref.)	2	BRAKE CYLINDER ASSEMBLY <i>(For components refer to Figure 4.13)</i>

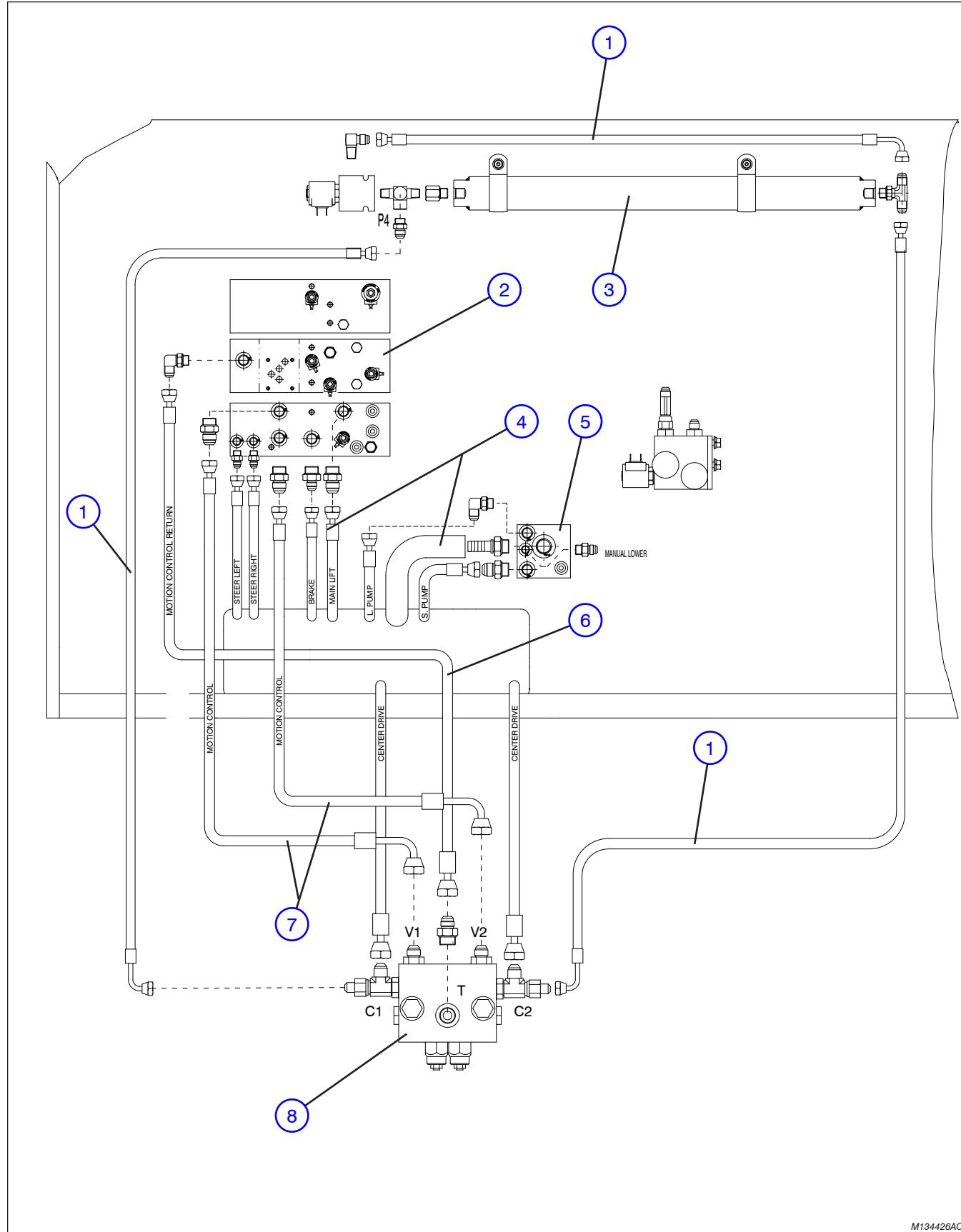
**Figure 4.8 Hydraulic Hose Connections - Base (Model 9241)**



**Figure 4.8 Hydraulic Hose Connections - Base (Model 9241)**

Index No.	Skyjack Part No.	Qty.	Description
1	106291	2	HOSE ASSEMBLY (Steering, 102")
2	114578	3	FITTING, Elbow, 90°
3	(Ref.)	-	STEER CYLINDER ASSEMBLY <i>(For components, refer to Figure 5.8) (Cushman Axles)</i>
4	(Ref.)	-	DUAL HYDRAULIC PUMP ASSEMBLY <i>(For components, refer to Figure 6.7)</i>
5	119858	2	HOSE, Suction (1.25" x 8.5")
6	114326	8	CLAMP, Hose (1.58")
7	123676	1	TUBE, Suction pump
8	119860	1	HOSE, Suction (1.25" diameter x 73")
9	112381	3	KIT, U-bolt
10	147965	1	TUBE, Suction hydraulic line
11	115760	2	HOSE ASSEMBLY (Return, 190")
12	102576	1	HOSE, Drain (1/4" x 50")
13	119014	2	HOSE ASSEMBLY (2-Speed motor to motion control valve)
14	(Ref.)	-	MOTOR ASSEMBLY (2 Speed drive) <i>(For components, refer to Figure 5.13)</i>
15	(Ref.)	-	AUTO RESET BRAKE MANIFOLD ASSEMBLY <i>(For components, refer to Figure 4.16)</i>
16	112930	1	HOSE ASSEMBLY (Manual lowering, 36")
17	139694	1	HOSE, Drain (1/4" x 40")
18	119865	1	HOSE, Suction (1.25" x 30")
19	104584	-	HOSE ASSEMBLY (Manual brake releases to main manifold, 1/4" x 109")
20	141514	1	FITTING, Straight

**Figure 4.9 Hydraulic Hose Connections - Hydraulic Cabinet**

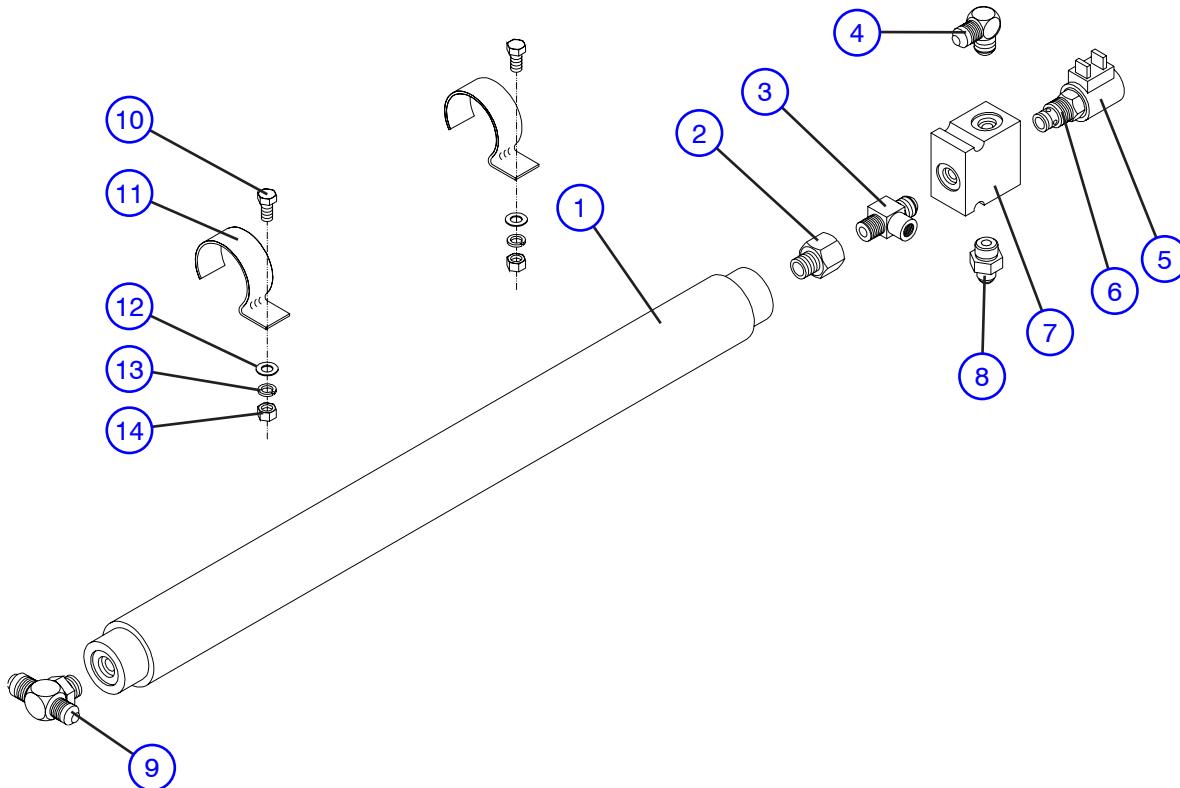


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**Figure 4.9 Hydraulic Hose Connections - Hydraulic Cabinet**

Index No.	Skyjack Part No.	Qty.	Description
1	102522	3	HOSE ASSEMBLY (Cushion cylinder)
2	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Figure 4.17)
3	(Ref.)	-	CUSHION, Cylinder and valve assembly (For components, refer to Figure 4.10)
4	(Ref.)	-	BASE HYDRAULIC HOSE CONNECTIONS (For components, refer to Figure 4.6) ( <b>Cushman Axles Model 9250</b> ) (For components, refer to Figure 4.7) ( <b>Dana Axles Model 9250</b> ) (For components, refer to Figure 4.8) ( <b>Cushman Axles Model 9241</b> )
5	(Ref.)	-	AUTO RESET BRAKE MANIFOLD ASSEMBLY (For components, refer to Figure 4.16)
6	133627	1	HOSE ASSEMBLY (Motion control valve return line, 1/2" x 15")
7	134435	2	HOSE ASSEMBLY (M.C.V. to main manifold, 12")
8	(Ref.)	-	MOTION CONTROL VALVE ASSEMBLY (For components, refer to Figure 4.15)

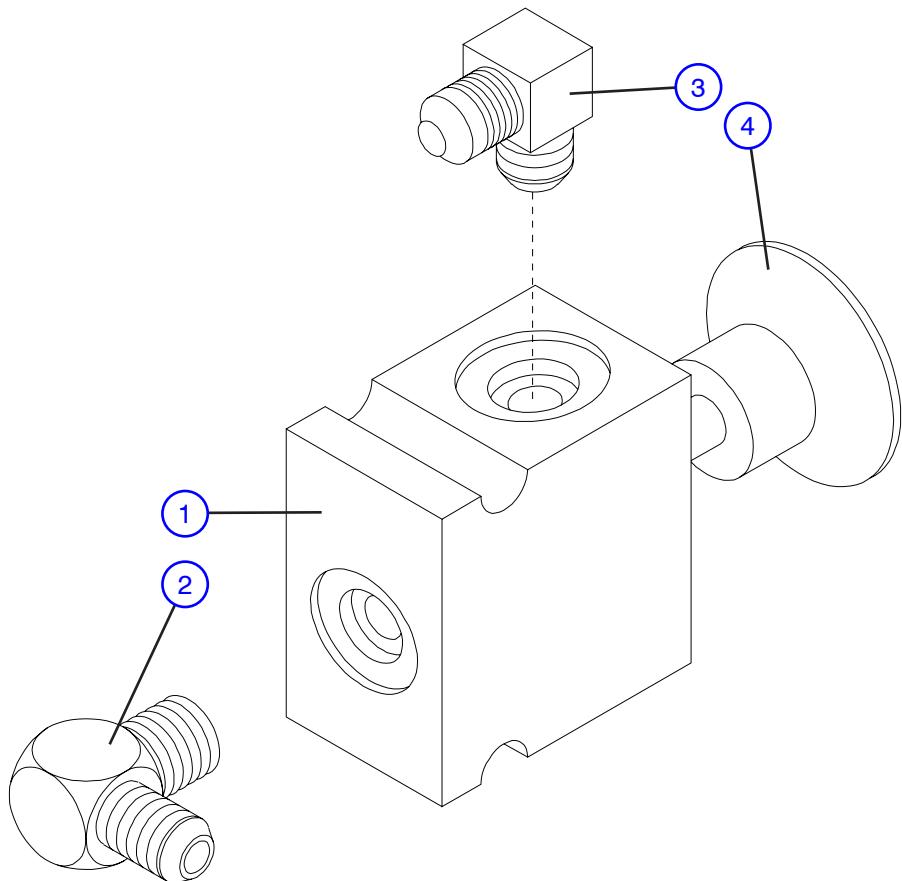
**Figure 4.10 Cushion Valve Assembly**



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Index No.	Skyjack Part No.	Qty.	Description
-	126958	-	CUSHION VALVE ASSEMBLY
1	107752	1	• CYLINDER, Cushion
2	106554	1	• FITTING (#6 - #4, I. pipe - o-ring reducer)
3	103245	1	• FITTING (#4 - #4 - #4, E. pipe - I. pipe tee)
4	103324	1	• FITTING, 90° Elbow (#6 - #4)
5	103613	1	• COIL, (12V)
6	112218	1	• VALVE, Free-wheeling (N.O.)
7	103615	1	• MANIFOLD, Free-wheeling
8	113871	1	• FITTING (9/16"-18 SAE 37°, 1/4"-18 NPT)
9	114579	1	• FITTING, Tee (o-ring, 37° FL)
10	103887	2	• BOLT, Hex head (5/16"-18 x 0.75", Grade 5 )
11	102971	2	• BRACKET, Conduit
12	103996	2	• WASHER, Flat (5/16")
13	104637	2	• WASHER, Lock (5/16")
14	100397	2	• NUT, Hex head (5/16"-18, Grade B)

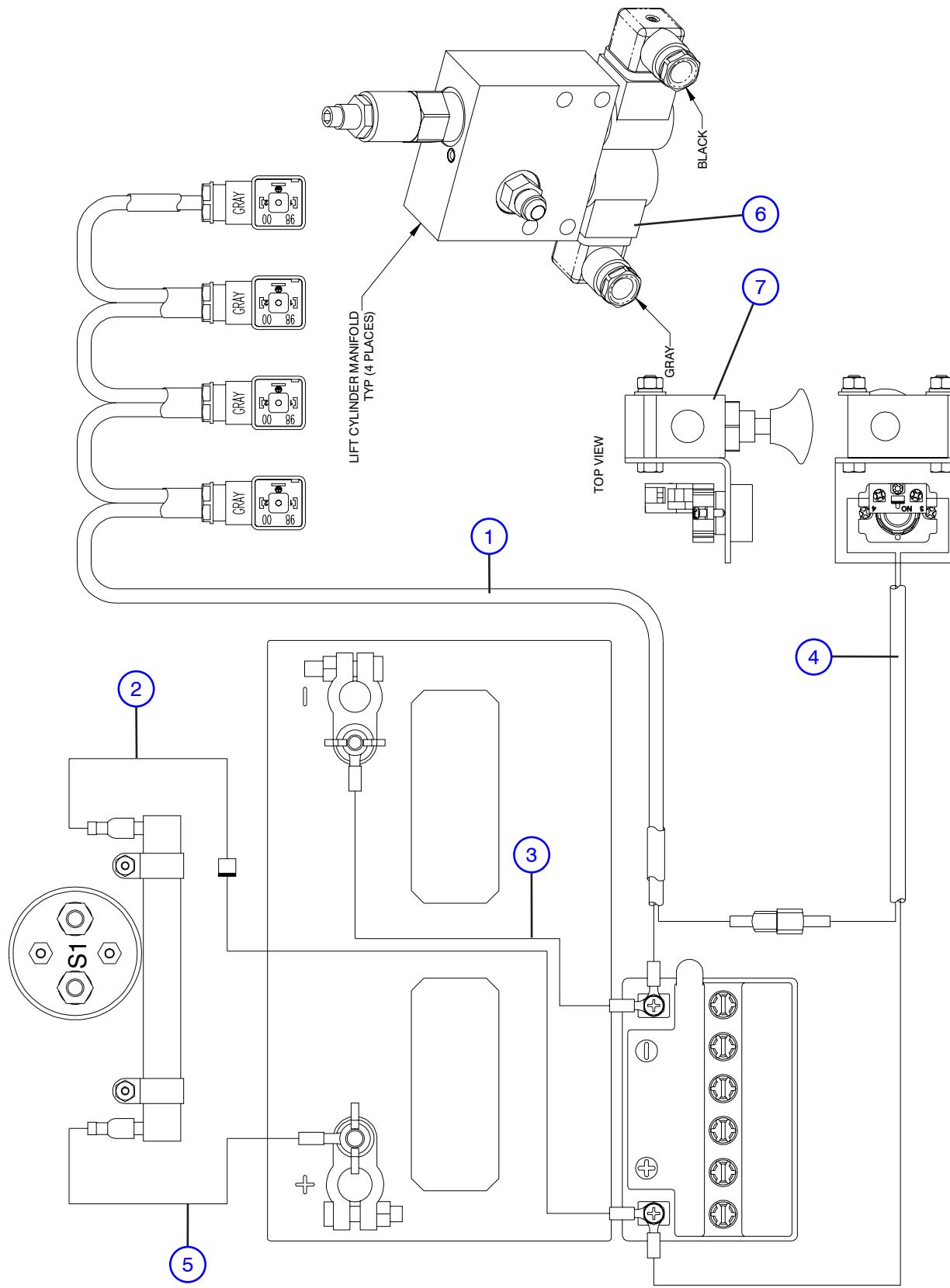
**Figure 4.11 Emergency Lowering Valve Assembly**



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Index No.	Skyjack Part No.	Qty.	Description
-	400042	-	EMERGENCY LOWERING VALVE ASSEMBLY
1	103137	1	• BLOCK, Emergency Lowering Valve
2	111069	1	• FITTING, 90° Elbow (3/8"P - 3/8"P)
3	106670	1	• FITTING, 90° Elbow (3/8"P - #6)
4	107271	1	• VALVE, Emergency lowering valve (pull-type)

**Figure 4.12 Emergency Lowering Wiring Assembly (Model 9250 ANSI/CSA)**

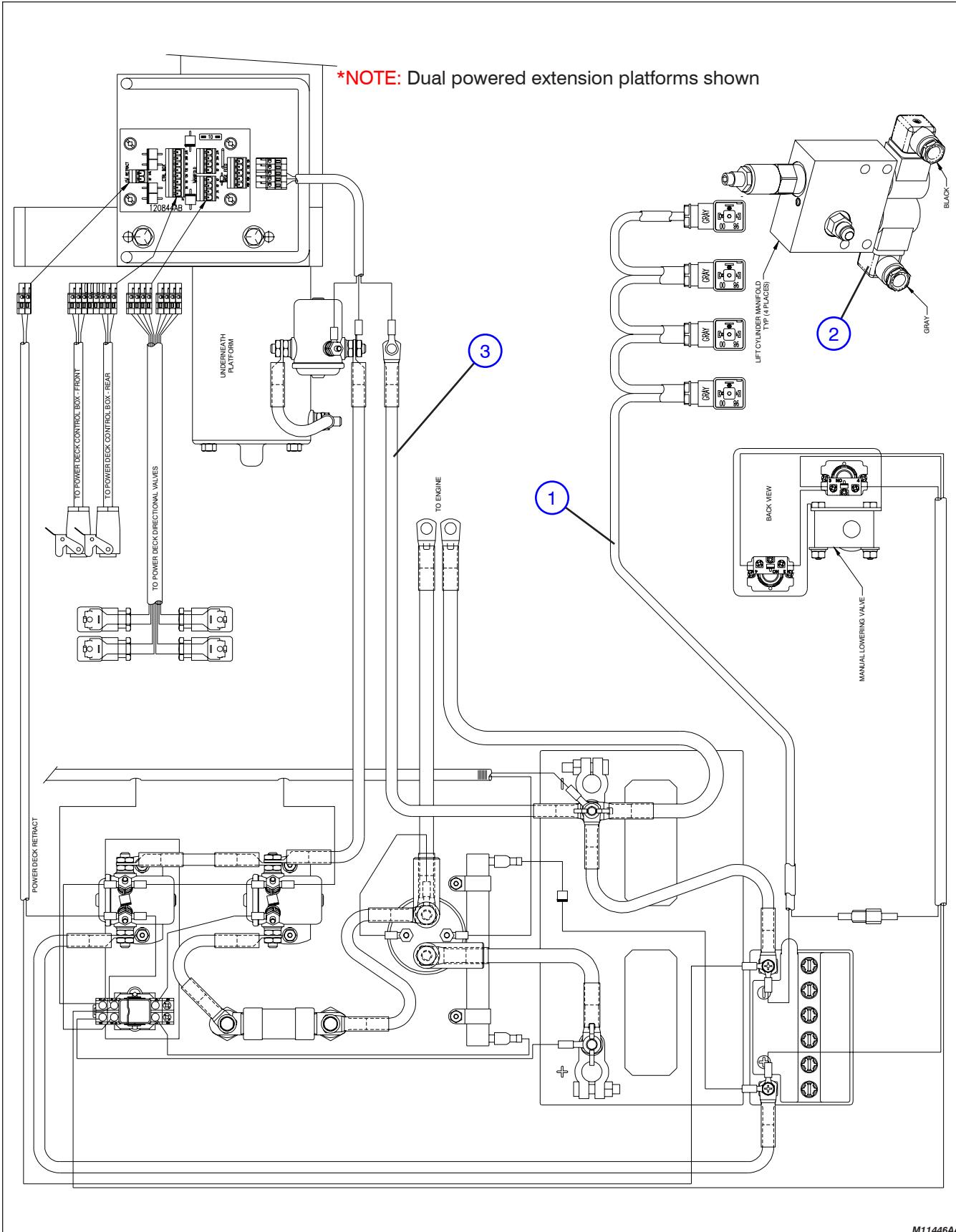


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**Figure 4.12 Emergency Lowering Wiring Assembly (Model 9250 ANSI/CSA)**

Index No.	Skyjack Part No.	Qty.	Description
1	120026	1	HARNESS, Lower auxiliary holding valve
	120027	1	HARNESS, Upper auxiliary holding valve
2	123414	1	CABLE, Auxiliary charging
3	123943	1	WIRE, Auxiliary ground
4	134268	1	HARNESS, Emergency lowering switch
5	123944	1	WIRE, Auxiliary power
6	(Ref.)	-	HOLDING VALVE ASSEMBLY <i>(For components, refer to Figure 3.6)</i>
7	(Ref.)	-	EMERGENCY LOWERING VALVE ASSEMBLY <i>(For components, refer to Figure 4.11)</i>

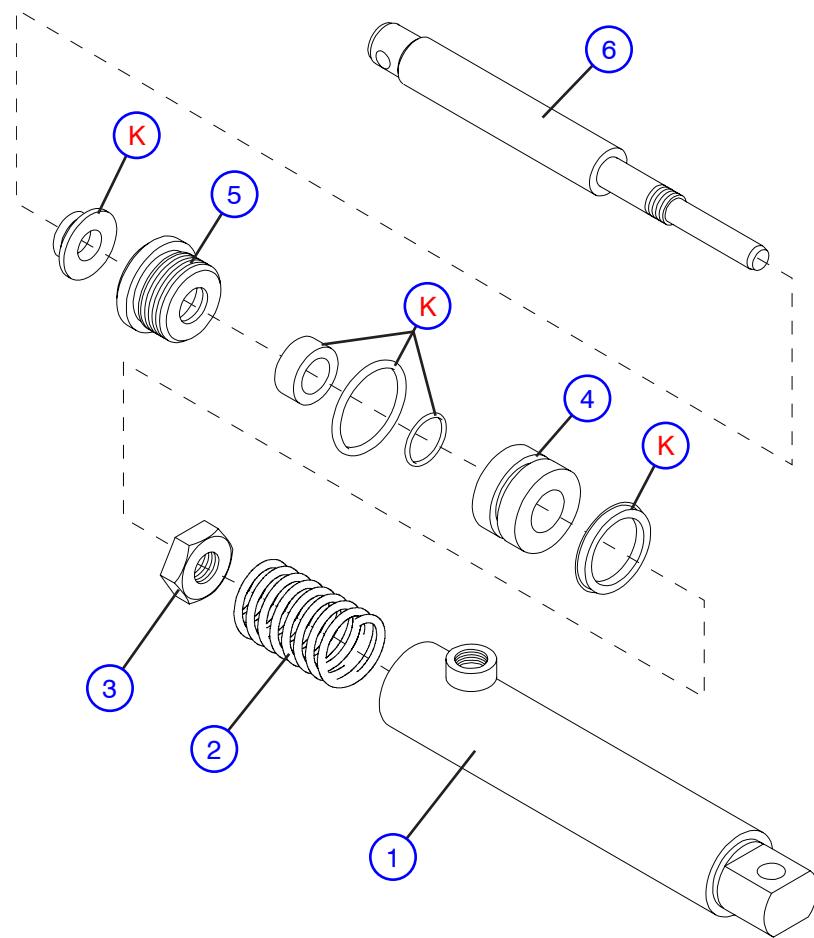
**Figure 4.13 Emergency Lowering and Power Platform Retraction Wiring Assembly (Model 9250 CE)**



**Figure 4.13 Emergency Lowering and Power Platform Retraction Wiring Assembly (Model 9250 CE)**

Index No.	Skyjack Part No.	Qty.	Description
1	120026 120027	1 1	HARNESS, Lower auxiliary holding valve HARNESS, Upper auxiliary holding valve
2	(Ref.)	-	HOLDING VALVE ASSEMBLY <i>(For components, refer to Figure 3.7)</i>
3	(Ref.)	-	POWERED EXTENSION PLATFORM ELECTRICAL ASSEMBLY <i>(For components, refer to Figure 1.10)</i>

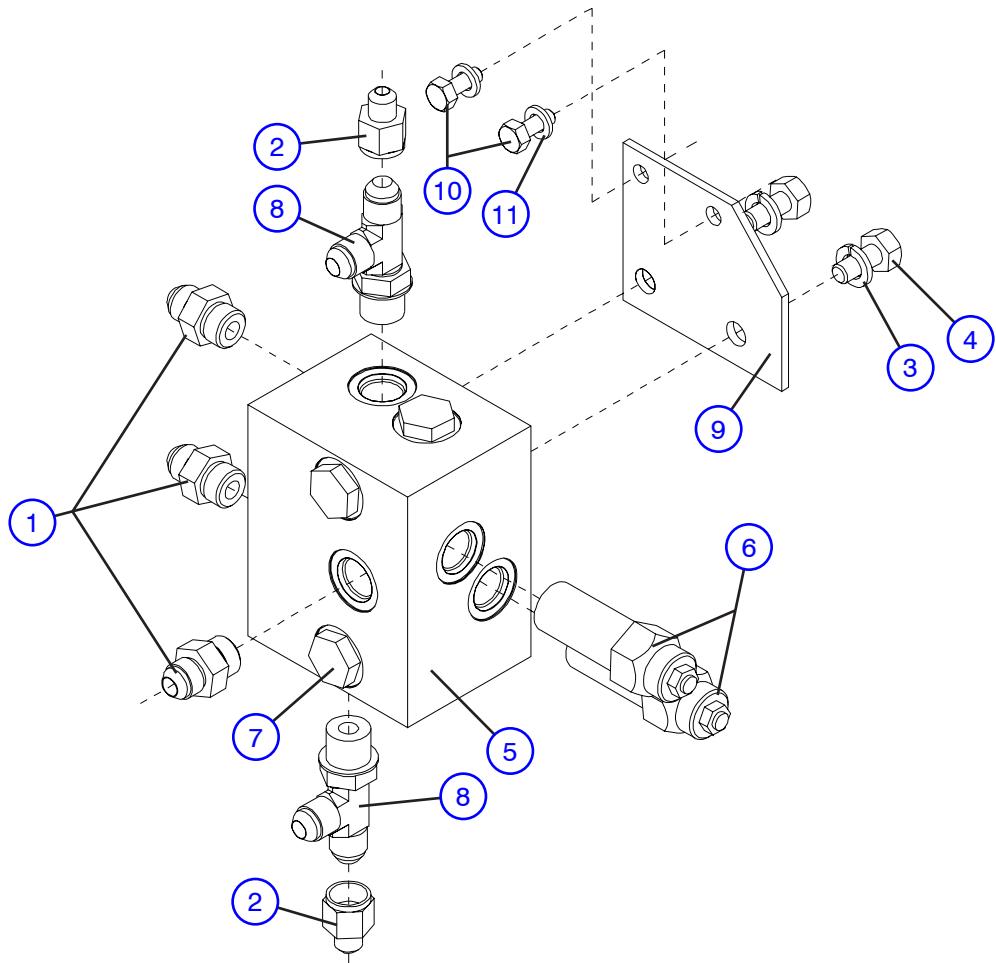
**Figure 4.14 Brake Cylinder Assembly (Model 9250)**



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Index No.	Skyjack Part No.	Qty.	Description
-	120422	-	BRAKE CYLINDER ASSEMBLY
1	120421	1	• HOUSING, Cylinder
2	102844	1	• SPRING, Brake return
3	103830	1	• NUT, Lock (5/8"-11, Grade C)
4	120627	1	• PISTON, Cylinder
5	120415	1	• GLAND, Cylinder end
6	120625	1	• ROD, Brake
K	103762	1	KIT, Seal repair

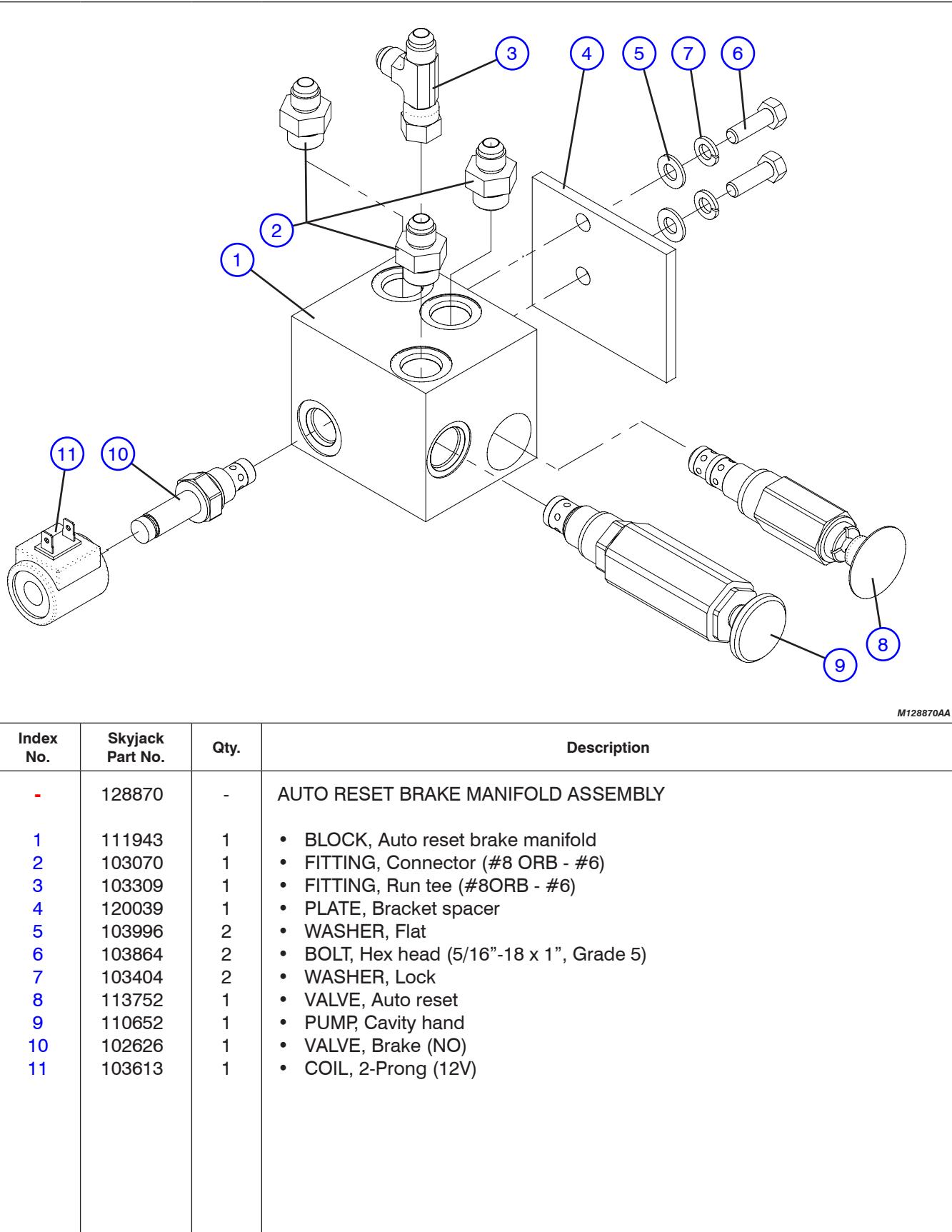
**Figure 4.15 Motion Control Valve Assembly**



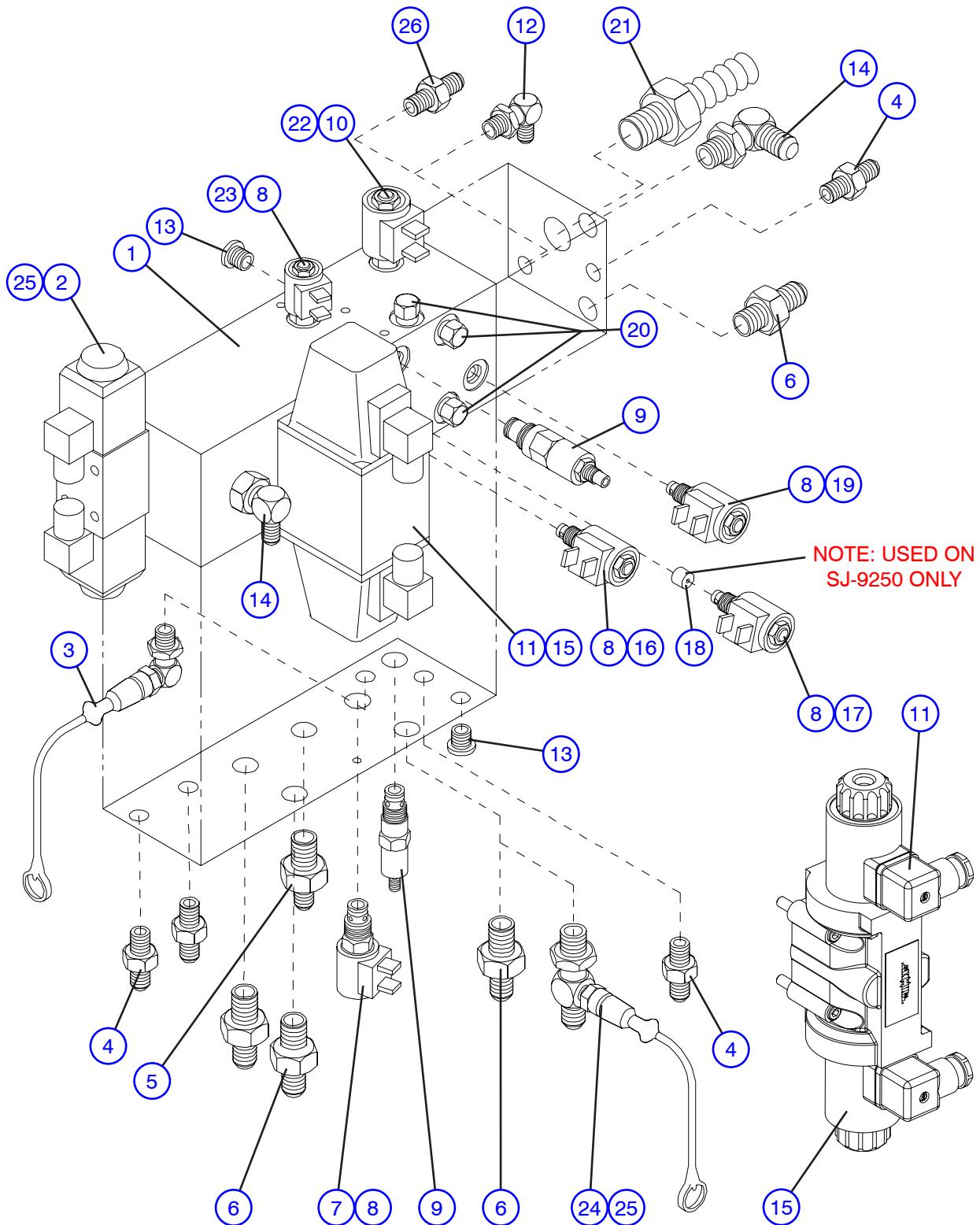
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Index No.	Skyjack Part No.	Qty.	Description
-	133659	-	MANIFOLD CONTROL VALVE ASSEMBLY
1	103071	3	• FITTING, Straight connector (8-10 SAE)
2	110498	2	• FITTING (Reducer #8 to #6 straight)
3	103470	2	• WASHER, Lock (1/2")
4	103911	2	• BOLT, Hex head (1/2"-13 x 1.0", Grade 5)
-	132244	-	• MOTION CONTROL VALVE MANIFOLD ASSEMBLY
5	132261	1	• • MANIFOLD, Control valve
6	132249	2	• • VALVE, Counterbalance
7	132248	4	• • VALVE, Check
8	132255	2	• FITTING, Tee
9	132299	1	PLATE, Mounting
10	101632	2	BOLT, Hex head (3/8"-16 X 3/4", Grade 5)
11	103999	2	WASHER, Lock (3/8")

**Figure 4.16 Auto Reset Brake Manifold Assembly (Cushman Axles)**



**Figure 4.17 Main Manifold Assembly**

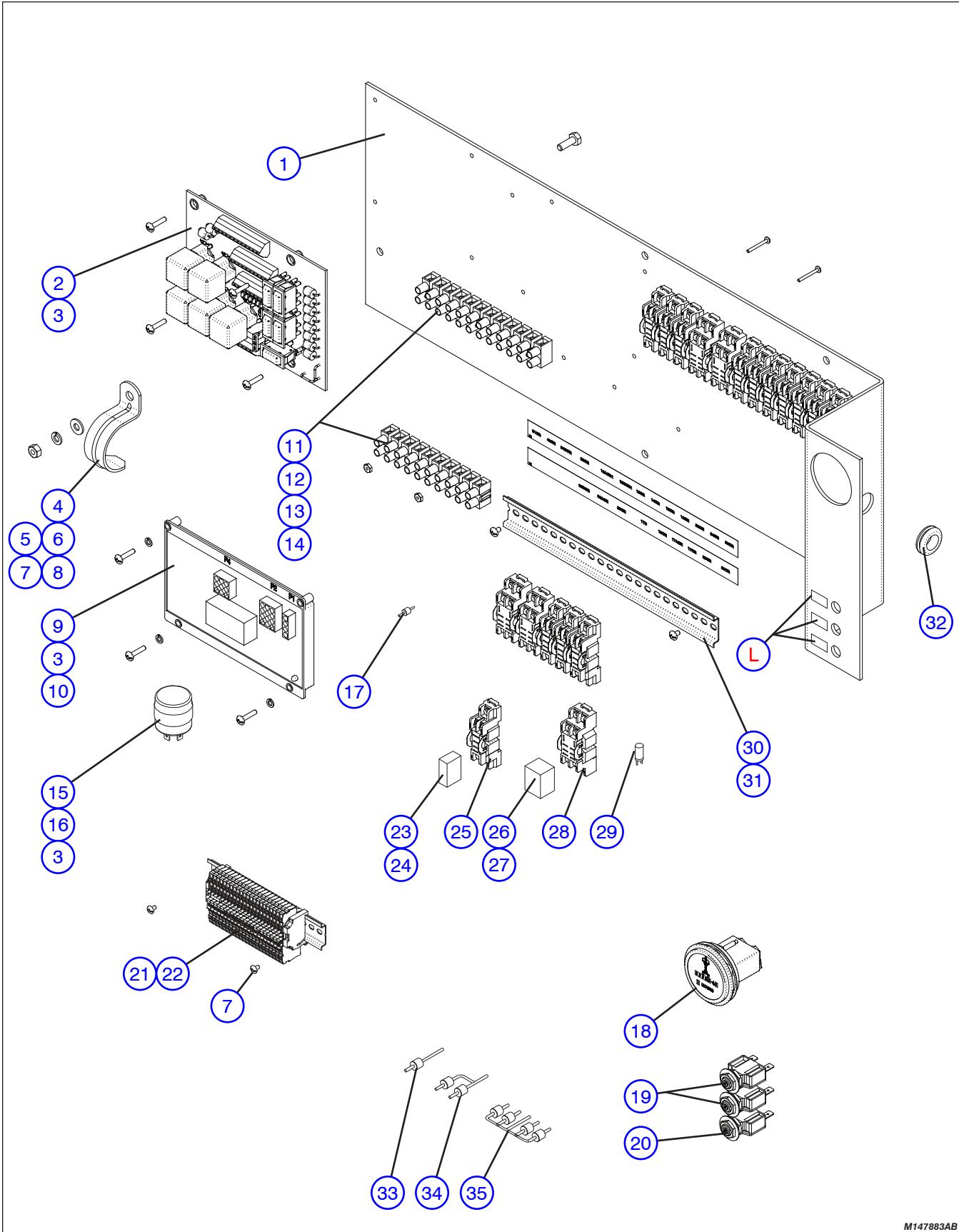


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**Figure 4.17 Main Manifold Assembly**

Index No.	Skyjack Part No.	Qty.	Description
-	114384	-	MAIN MANIFOLD ASSEMBLY
1	114178	1	• BLOCK, Main manifold
2	128797	1	• STEER VALVE ASSEMBLY ("Hytos")
	128318	1	• • VALVE, Directional spool
	128321	2	• • • COIL, Spool valve (12V)
	103920	4	• • • BOLT, Socket head (#10-24 x 2", Grade 5)
3	122419	1	• ASSEMBLY, Quick disconnect ( <b>System pressure</b> )
	122365	1	• FITTING, 90° Elbow
	122385	1	• • COUPLER, Quick
	114521	1	• • CAP, Dust
4	103069	4	• FITTING, Connector
5	103070	1	• FITTING, Connector
6	102659	4	• FITTING, Connector
7	103655	1	• VALVE, Lift (NO)
8	103613	5	• COIL (12V)
9	104534	2	• VALVE, Relief
10	106272	1	• COIL (12V)
11	-	-	• CONNECTORS, Valve electrical
	104345	AR	• • CONNECTOR, Gray
	104409	AR	• • CONNECTOR, Black
	119825	AR	• • CONNECTOR, Clear with diode
12	114578	1	• FITTING, 90° Elbow
13	104437	2	• PLUG, Manifold
14	114583	2	• FITTING, 90° Elbow
15	139257	1	• DRIVE VALVE ASSEMBLY ("Hytos")
	139256	1	• • VALVE, Directional spool
	128321	2	• • • COIL, Spool valve (12V)
	103942	AR	• • • BOLT, Socket head (1/4"-20 x 1.75", Grade 5)
16	103656	1	• VALVE, Brake dump (NC)
17	103655	1	• VALVE, Lowering (NC)
18	131927	1	• ORIFICE, Lowering (0.096" diameter) ( <b>Model 9250</b> )
19	103656	1	• VALVE, Small pump dump (NO)
20	104624	3	• VALVE, Pilot check
21	112187	1	• FITTING, Hose barb (#12 ORB - 3/4" B)
22	114365	1	• VALVE, Large pump dump (NO)
23	103655	2	• VALVE, Brake feed (NO)
24	122418	1	• ASSEMBLY, Quick disconnect ( <b>Lift pressure, optional</b> )
	122366	1	• • FITTING, Tee
	122385	1	• • COUPLER, Quick
	114521	1	• • CAP, Dust
25	119839	1	PRESSURE SWITCH OPTION ( <b>Not shown</b> )
	102863	1	• SWITCH, Pressure (trips at 2400 psi)
	106170	1	• FITTING, Tee
	110498	1	• FITTING, Reducer
	107232	1	• FITTING, Adapter
26	(Ref.)	-	FITTINGS, Outrigger option hydraulic (For components, refer to Figure 7.2)

**Figure 4.18 Base Control / Electrical Panel Assembly**



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**Figure 4.18 Base Control / Electrical Panel Assembly**

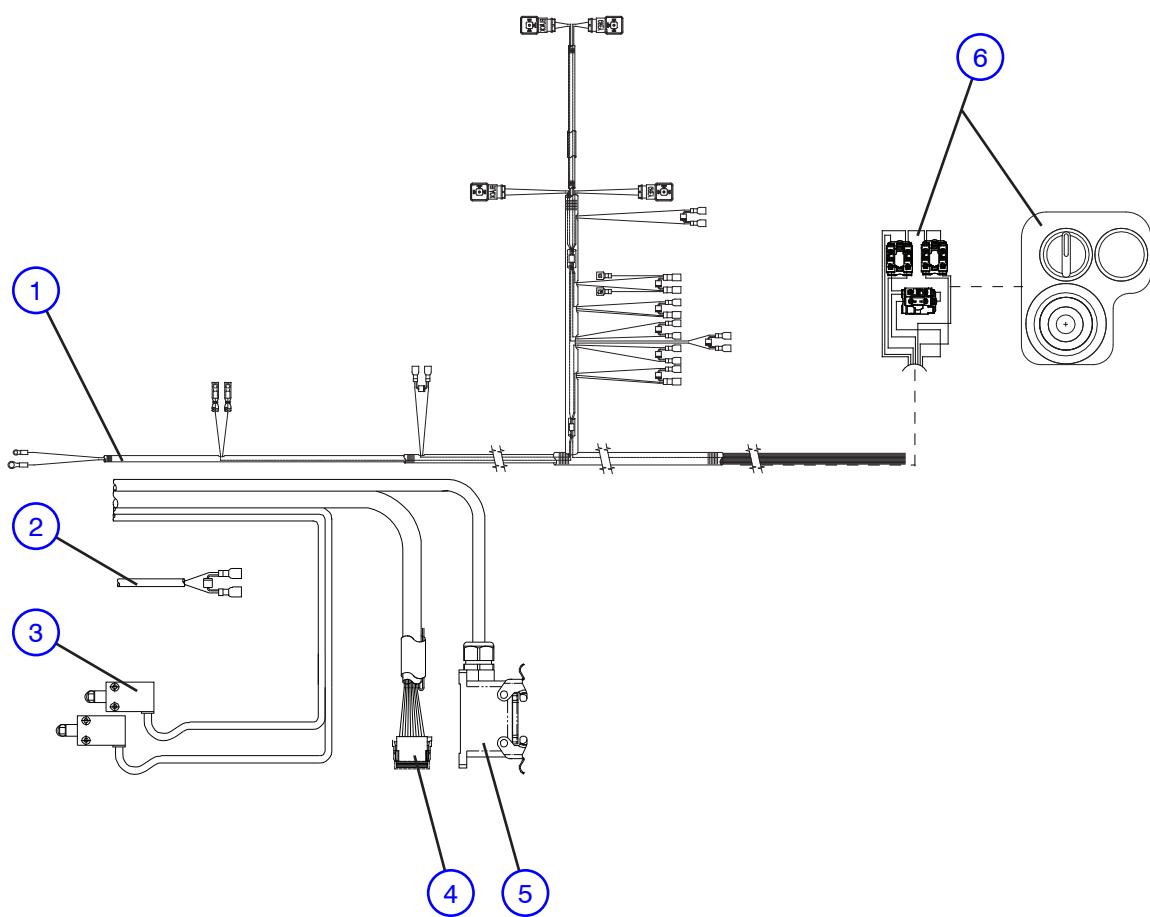
Index No.	Skyjack Part No.	Qty.	Description
1	147870	1	PANEL, Base control/electrical
2	127036	1	PC BOARD, Outrigger option (12V)
	127131	5	• RELAY, 12V (40 amp)
	127132	5	• SWITCH (3 position)
3	104698	9	SCREW, Round head machine (10-32 x 0.75)
4	102971	1	BRACKET, Conduit
5	103856	1	BOLT, Hex head (1/4-20 x 3/4", Grade 5)
6	103995	1	WASHER, Flat (0.25)
7	104000	1	WASHER, Lock (0.25)
8	103980	1	NUT, Hex (1/4-20)
9	132804	1	CONTROLLER, Auto-levelling outrigger
10	104185	4	WASHER, Lock (#10)
11	103011	2	BLOCK, Terminal (12 Pin) <b>(ANSI/CSA)</b>
12	103956	5	SCREW, Round head machine (6-32 x 1)
13	103985	5	NUT, Hex head (6-32)
14	121050	AR	FERRULE, Red (16GA)
	115401	AR	FERRULE, White (18GA)
15	103743		FLASHER (12V)
16	132793	1	CLAMP, Flasher (1 1/4")
17	102921	AR	DIODE (6 amp, 1000 PIV)
18	103336	1	HOURMETER
19	117326	2	CIRCUIT BREAKER (20 Amp)
20	117325	1	CIRCUIT BREAKER (15 Amp) <b>(Oil Cooler option)</b>
21	149507	1	TERMINAL STRIP <b>(CE)</b>
	137941	1	• END PLATE
	707147	2	• END STOP
	137943	1	• JUMPER 3 Pin
	137940	21	• TERMINAL BLOCK, 4 Conductor through
	149506	1	• TERMINAL BLOCK, 4 Conductor through ground
	127286	1	• TRACK, Relay (10")
22	121050	28	FERRULE, Red (16GA) <b>(CE)</b>
	138044	11	FERRULE, Blue (14GA)
	115401	2	FERRULE, White (18GA)
23	103316	15	RELAY, Single (12V) <b>(ANSI/CSA)</b>
		16	RELAY, Single (12V) <b>(CE)</b>
24	121459	15	SPRING, Hold down single <b>(ANSI/CSA)</b>
		16	SPRING, Hold down single <b>(CE)</b>
25	102479	15	SOCKET, Din rail mounting (Single relay) <b>(ANSI/CSA)</b>
		16	SOCKET, Din rail mounting (Single relay) <b>(CE)</b>
26	103207	5	RELAY, DPDT (12V) <b>(ANSI/CSA)</b>
		7	RELAY, DPDT (12V) <b>(CE)</b>
27	121460	5	SPRING, Hold down dual <b>(ANSI/CSA)</b>
		7	SPRING, Hold down dual <b>(CE)</b>
28	103271	5	SOCKET, Din rail mounting (Double relay) <b>(ANSI/CSA)</b>
		7	SOCKET, Din rail mounting (Double relay) <b>(CE)</b>

**Parts list continued on the following page.**

**Figure 4.18 Base Control / Electrical Panel Assembly (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
29	103319	1	CAPACITOR (50V)
30	133148	2	DIN RAIL, Relay mounting (11") <b>(ANSI/CSA)</b>
	126933	2	DIN RAIL, Relay mounting (11.5") <b>(CE)</b>
31	103964	4	SCREW, Round head machine (0-32 x 0.25) <b>(ANSI/CSA)</b>
		6	SCREW, Round head machine (0-32 x 0.25) <b>(CE)</b>
32	103014	1	GROMMET, Rubber
33	127688	1	DIODE ASSEMBLY (with 1 diode) <b>(D28A) (ANSI/CSA)</b>
	129434	1	DIODE ASSEMBLY (with 1 diode) <b>(D30A)</b>
	127684	1	DIODE ASSEMBLY (with 1 diode) <b>(D44) (ANSI/CSA)</b>
	129284	1	DIODE ASSEMBLY (with 1 diode) <b>(D10E) (CE)</b>
	134304	1	DIODE ASSEMBLY (with 1 diode) <b>(D20A) (CE)</b>
	127685	1	DIODE ASSEMBLY (with 1 diode) <b>(D86C-1) (Hydraulic generator option CE)</b>
	127926	1	DIODE ASSEMBLY (with 1 diode) <b>(D86C-2) (Hydraulic generator option CE)</b>
	129303	1	DIODE ASSEMBLY (with 1 diode) <b>(D14B-2) (Hydraulic generator option CE)</b>
34	132807	1	DIODE ASSEMBLY (with 2 diodes) <b>(D17A, D18A)</b>
	129213	1	DIODE ASSEMBLY (with 2 diodes) <b>(D15A, D16A) (ANSI/CSA)</b>
	105657	1	DIODE ASSEMBLY (with 2 diodes) <b>(D15A-2, D16A-2) (CE)</b>
35	104313	1	DIODE ASSEMBLY (with 4 diodes) <b>(D15A-1, D16A-1, D23A, D24A) (ANSI/CSA)</b>
	134305	1	DIODE ASSEMBLY (with 4 diodes) <b>(D15A-1, D16A-1, D23A, D24A) (CE)</b>
L	(Ref.)	-	LABELS <i>(Refer to Figure 8.3)</i>

**Figure 4.19 Base Control/Electrical Panel Harnesses**

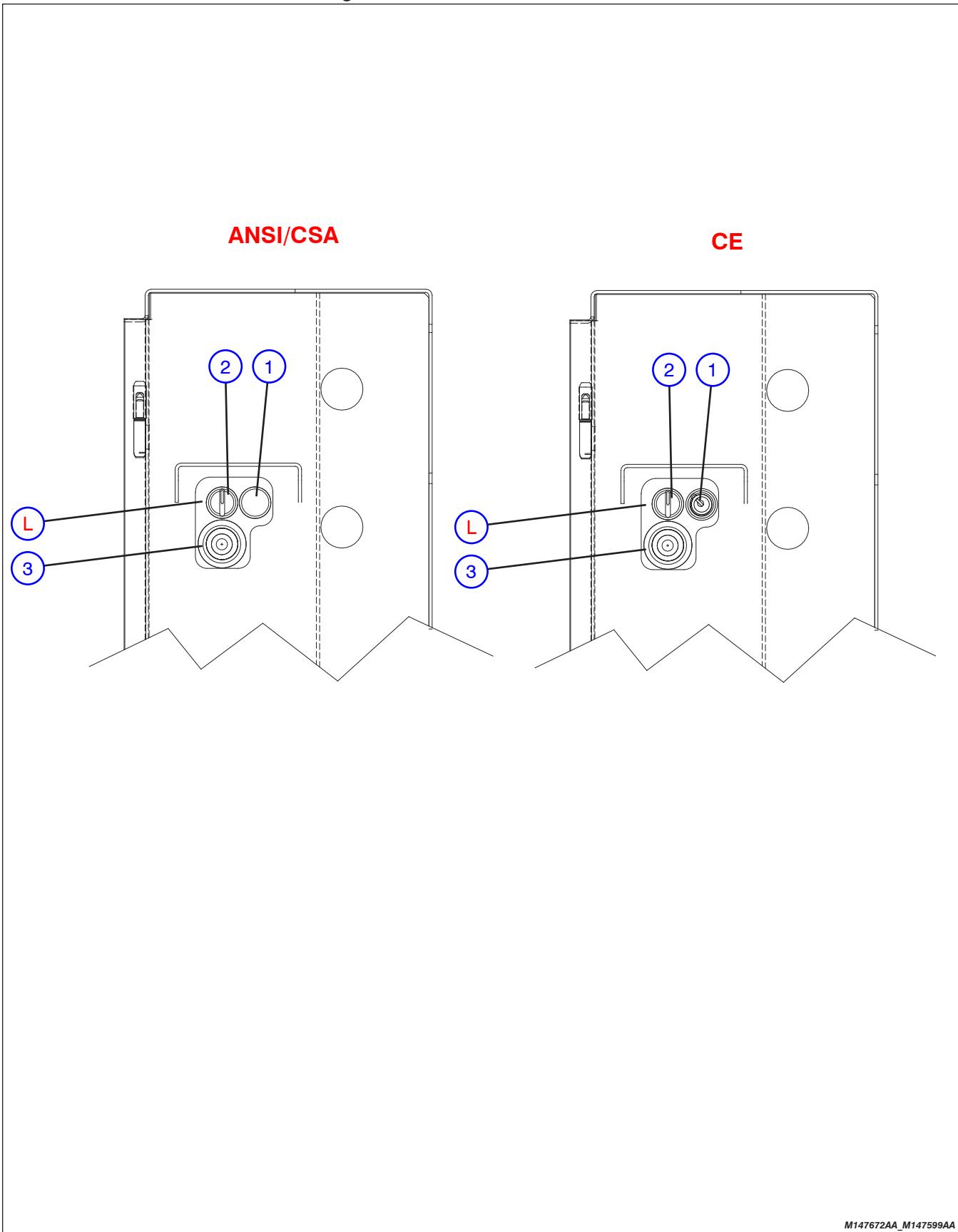


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**Figure 4.19 Base Control/Electrical Panel Harnesses**

Index No.	Skyjack Part No.	Qty.	Description
1	129218	1	HARNESS, Main manifold wiring
	102921	7	<ul style="list-style-type: none"> <li>• DIODE</li> </ul>
2	(Ref.)	-	HARNESS, 2-speed motor wiring (For components, refer to Figure 5.13)
3	(Ref.)	-	HARNESS, Limit switches (For components, refer to Figure 3.8)
4	127225	1	HARNESS (Panel to engine)
	115664	241"	<ul style="list-style-type: none"> <li>• CABTIRE (14/12)</li> </ul>
	119135	1	<ul style="list-style-type: none"> <li>• KIT, 12 Pin plug connector</li> </ul>
5	134417	1	CABLE ASSEMBLY (32 Pin panel)
	115274	76"	<ul style="list-style-type: none"> <li>• CABLE (18/30)</li> </ul>
	115401	60	<ul style="list-style-type: none"> <li>• FERULE, Red (18GA)</li> </ul>
	114465	1	<ul style="list-style-type: none"> <li>• • HOUSING, Female (with relief connector)</li> </ul>
	132787	1	<ul style="list-style-type: none"> <li>• • • HOUSING, Female</li> </ul>
	132109	1	<ul style="list-style-type: none"> <li>• • • CONNECTOR, Strain relief</li> </ul>
	114467	1	<ul style="list-style-type: none"> <li>• • INSERT, Female (Pins 1-16)</li> </ul>
	114468	1	<ul style="list-style-type: none"> <li>• • INSERT, Female (Pins 17-32)</li> </ul>
6	(Ref.)	1	BASE CONTROL CONSOLE ASSEMBLY (For components, refer to Figure 4.19)

**Figure 4.20 Base Control Console**

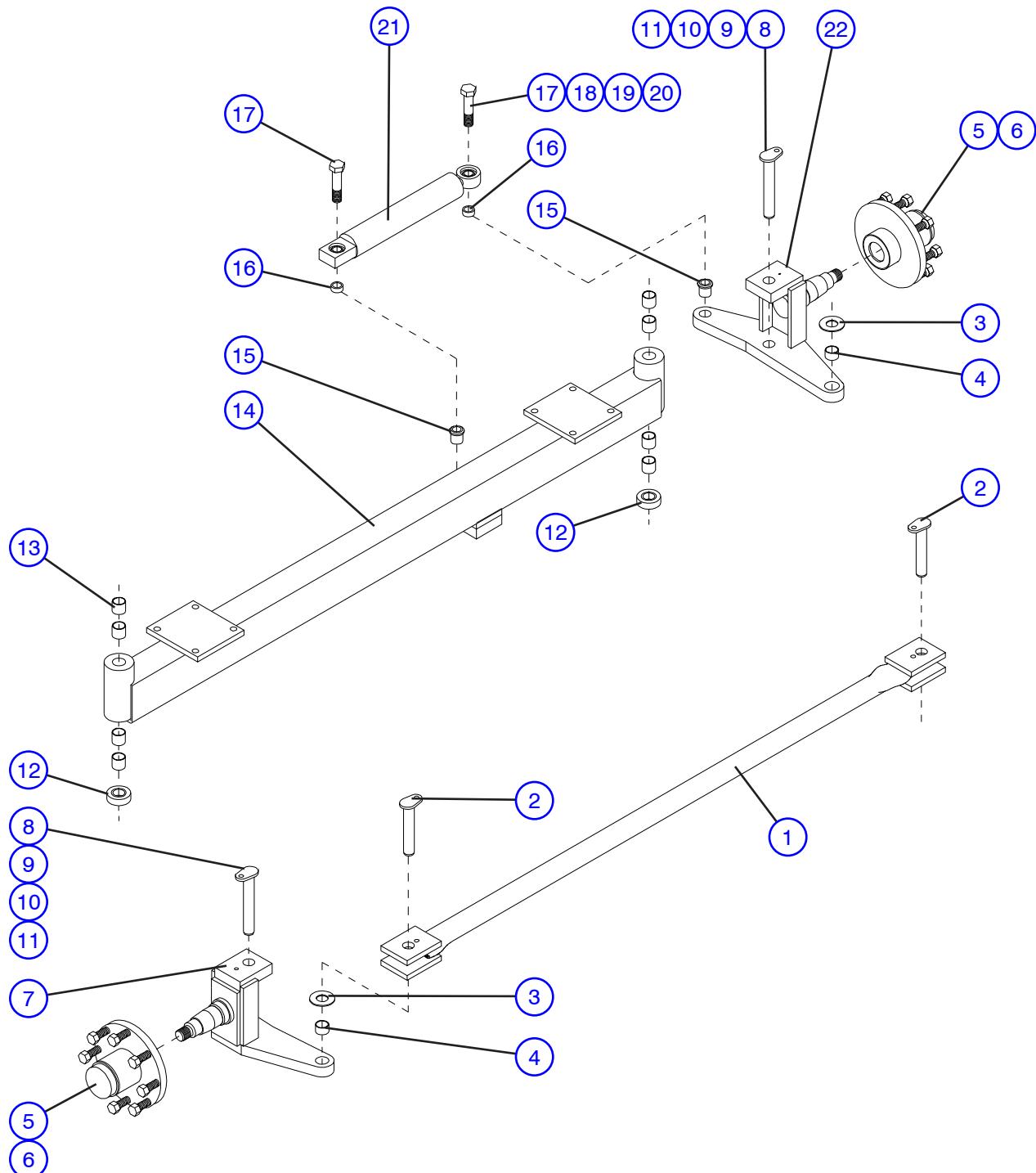


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**Figure 4.20 Base Control Console**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	-	-	BASE CONTROL CONSOLE ASSEMBLY ( <b>ANSI/CSA</b> )
<b>B</b>	-	-	BASE CONTROL CONSOLE ASSEMBLY ( <b>CE</b> )
<b>1</b>	-	1	SWITCH ASSEMBLY (Platform/Base select) <ul style="list-style-type: none"> <li>• HEAD, Pushbutton (Green), Enable switch <b>A</b></li> <li>• HEAD, Platform/base select switch (Keyed) <b>B</b></li> <li>• • KEY, #455</li> <li>• • BASE, Contact block</li> <li>• • SWITCH, N.O. contact <b>A</b></li> <li>• • SWITCH, N.O. contact <b>B</b></li> <li>• • SWITCH, N.C. contact <b>B</b></li> </ul>
	147211	1	
	147057	1	
	104466	1	
	147056	1	
	147054	2	
		1	
	147053	1	
<b>2</b>	-	1	SWITCH ASSEMBLY (Up/Down) <ul style="list-style-type: none"> <li>• HEAD, Selector switch, Platform UP/DOWN</li> <li>• • BASE, Contact block</li> <li>• • SWITCH, N.O. contact</li> </ul>
	147069	1	
	147056	1	
<b>3</b>	147054	2	
	-	1	SWITCH ASSEMBLY (Emergency stop) <ul style="list-style-type: none"> <li>• HEAD, Emergency stop switch</li> <li>• • BASE, Contact block</li> <li>• SWITCH, N.C. contact</li> <li>• LED BLOCK, Red 12V</li> </ul>
<b>L</b>	(Ref.)	-	<ul style="list-style-type: none"> <li>• LABEL, Base control console  <span style="color: blue;">(For components, refer to Figure 8.3)</span> </li> </ul>

**Figure 5.1 Front Idle Arm Assembly - 2-Wheel Drive Machines**

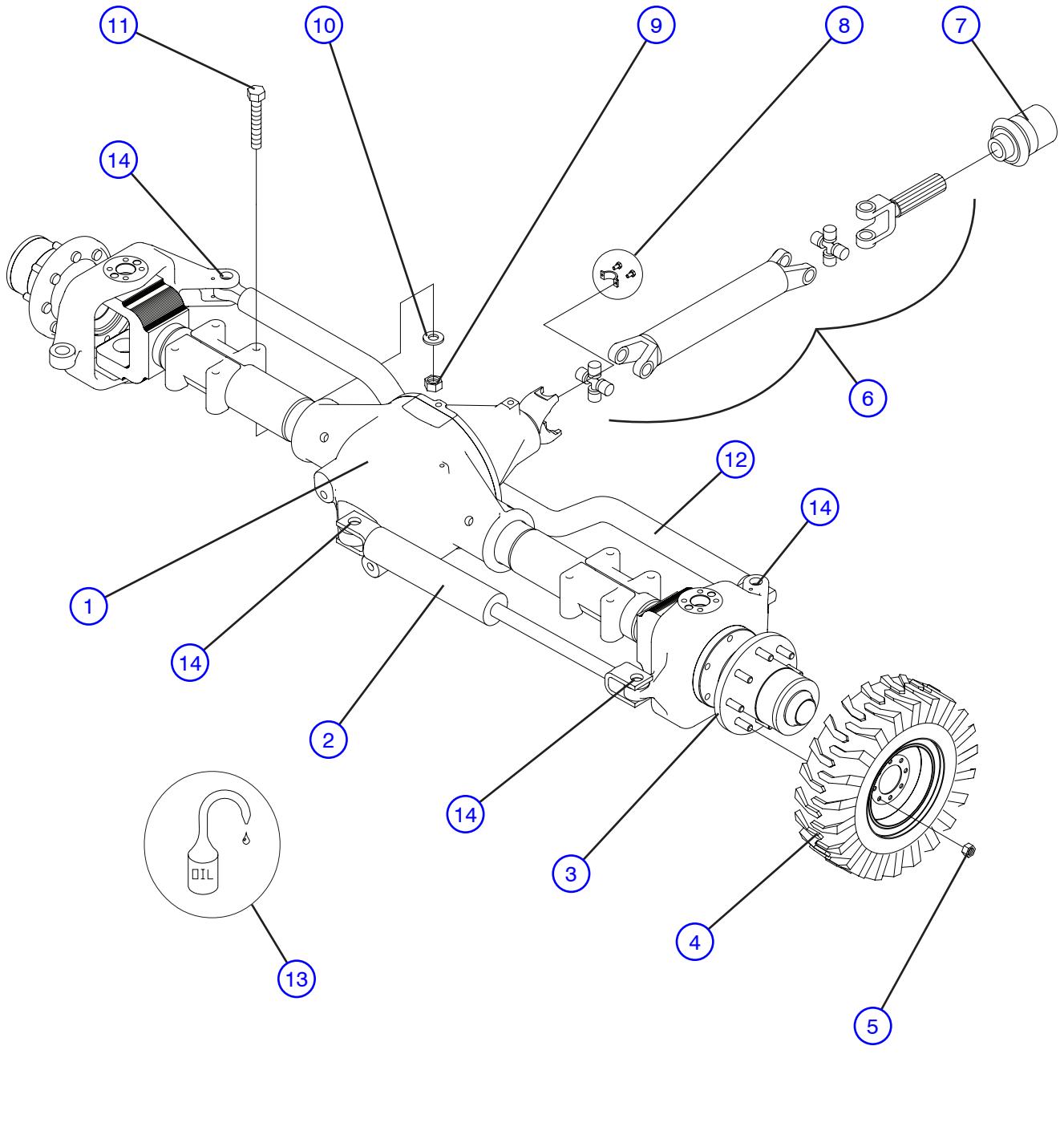


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**Figure 5.1 Front Idle Arm Assembly - 2-Wheel Drive Machines**

Index No.	Skyjack Part No.	Qty.	Description
1	101995	1	WELDMENT, Tie bar
2	102229	2	PIN, Tie bar
	103845	2	• BOLT, Socket head (5/16"-18 x 1/2")
	103996	2	• WASHER, Flat (5/16")
3	103264	2	WASHER, Bronze (1" ID x 2" OD x 1/8")
4	100309	2	BUSHING (1" ID x 1")
5	107908	2	FRONT WHEEL HUB ASSEMBLY
	102646	2	• WASHER, Flat
	102905	2	• HUB, Front wheel
	103004	2	• BEARING, Inner cone
	102979	2	• BEARING, Inner cup
	103009	2	• BEARING, Outer cone
	102978	2	• BEARING, Outer cup
	103085	2	• PIN, Cotter (3/16" x 1-1/2")
	120414	2	• SEAL, Grease
	103220	2	• CAP, Dust
	104351	2	• NUT, Castle (1"-14)
6	103198	16	BOLT, Wheel
7	111755	1	WELDMENT, Spindle arm (LH)
8	102230	2	PIN, Spindle
9	102027	2	NIPPLE, Grease
10	103887	2	BOLT, Socket head (5/16"-18 x 3/4")
11	103996	2	WASHER, Flat (5/16")
12	101801	2	BEARING, Thrust
13	100249	8	BUSHING, Nylon (1" ID x 3/4")
14	108487	1	WELDMENT, Front idle axle
15	113432	2	SLEEVE, Steer cylinder mounting bolt
16	102028	2	SPACER (3/4" x 1" x 7/16")
17	113489	2	BOLT, Hex head (3/4"-10 x 3-1/2", Grade 8)
18	103990	2	WASHER, Flat (3/4")
19	104002	2	WASHER, Lock (3/4")
20	100252	2	NUT, Jam (3/4"-10)
21	(Ref.)	1	STEER CYLINDER ASSEMBLY (For components, refer to Figure 5.8) <b>(Cushman Axles)</b> (For components, refer to Figure 5.11) <b>(Dana Axles)</b>
22	111756	1	WELDMENT, Spindle arm (RH)

**Figure 5.2. Front Axle Hardware Assembly - All Wheel Drive Option (Cushman Axles)**

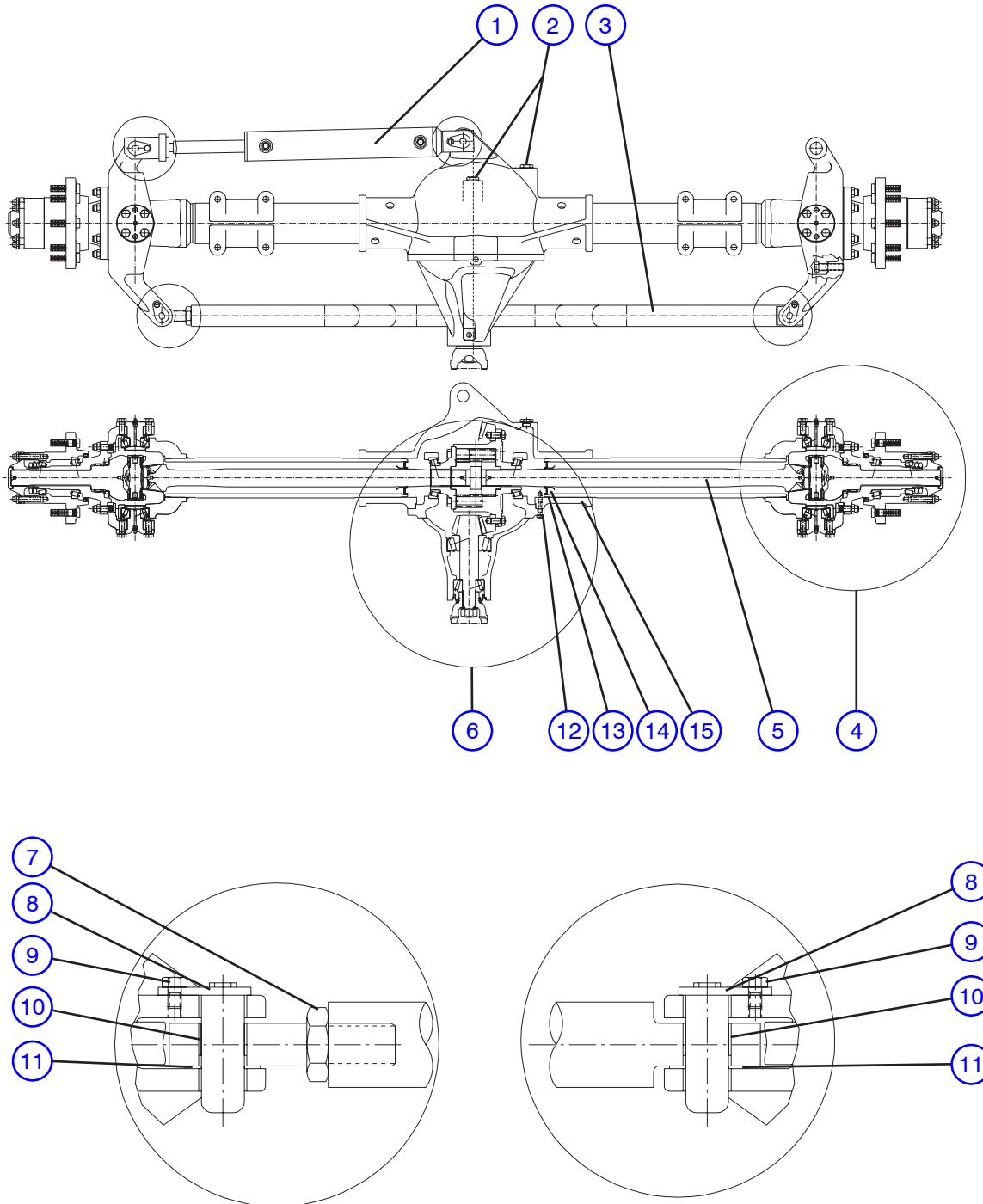


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**Figure 5.2 Front Axle Hardware Assembly - All Wheel Drive Option (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	FRONT AXLE ASSEMBLY ( <b>Cushman Axles</b> ) (For components, refer to Figure 5.3)
2	(Ref.)	-	STEER CYLINDER ASSEMBLY (For components, refer to Figure 5.8)
3	(Ref.)	-	WHEEL HUB ASSEMBLY (For components, refer to Figure 5.6)
4	(Ref.)	-	WHEEL, Tire (For components, refer to Figure 4.1)
5	103315	16	NUT, Wheel (5/8"-18, 0.656, 90°)
6	(Ref.)	-	DRIVE SHAFT ASSEMBLY (For components, refer to Figure 5.12)
7	900542	1	BOOT, Rubber
8	(Ref.)	-	BEARING STRAP ASSEMBLY (For components, refer to Figure 5.12)
9	123856	8	NUT, Hex (1/2"-13, Grade C)
10	126286	8	WASHER, Lock (1/2", Heavy duty)
11	128828	8	BOLT, Hex head (1/2"-13 x 5.0, Grade 8)
12	(Ref.)	-	TIE ROD (For components, refer to Figure 5.3)
13	(Ref.)	-	OIL, Gear (Refer to Table 1.1)
14	(Ref.)	-	PIN ASSEMBLY (For components, refer to Figure 5.3)

**Figure 5.3 Front Axle Assembly - All Wheel Drive Option (Cushman Axles)**

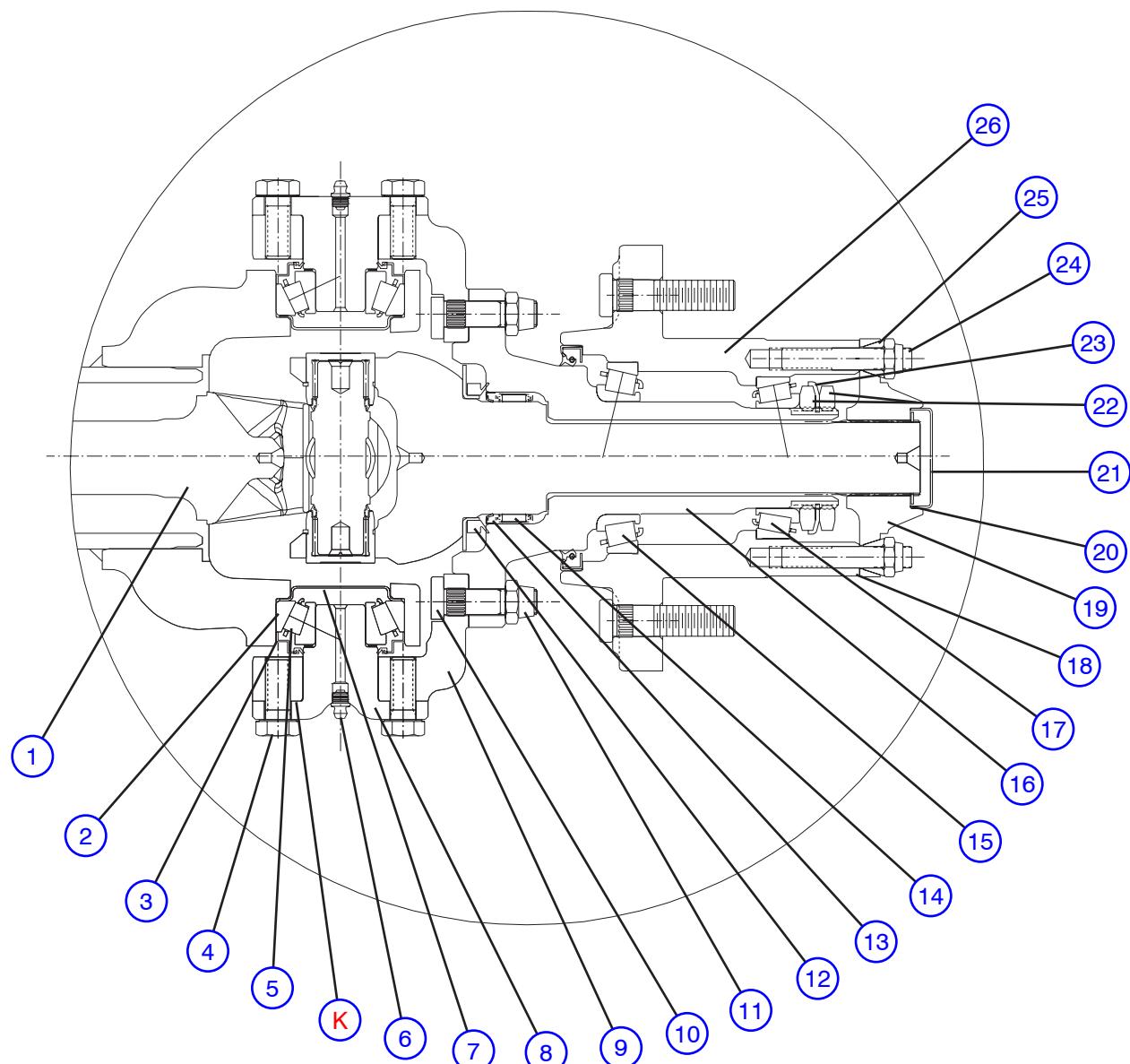


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**Figure 5.3 Front Axle Assembly - All Wheel Drive Option (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	128818	1	FRONT AXLE ASSEMBLY ( <b>Cushman Axles</b> )
1	(Ref)	-	CYLINDER STEERING ASSEMBLY (For components, refer to Figure 5.8)
2	133430	2	PLUG, Oil (straight thread)
	133431	2	• GASKET, Oil plug
3	133443	1	TIE ROD
4	(Ref)	-	AXLE END (For components, refer to Figure 5.4)
5	(Ref)	-	AXLE SHAFT ASSEMBLY (For components, refer to Figure 5.7)
6	(Ref)	-	DIFFERENTIAL ASSEMBLY (For components, refer to Figure 5.5)
7	106450	1	NUT, Hex jam (3/4-16UNF)
8	133475	4	PIN, Clevis
9	133481	2	BOLT, Hex head cap (5/16-18 x 0.625, Grade 5)
10	133485	4	BUSHING, DU type
11	133486	4	WASHER, Thrust DU type
12	133422	12	BOLT, Hex head cap (3/8-16 x 1.25, Grade 8)
13	133383	AR	SEALANT, RTV
14	133469	2	SEAL, Oil C/W guide
15	133438	1	WELDMENT, Axle Cushman front

**Figure 5.4 Front Axle Assembly (Axle End) - All Wheel Drive Option (Cushman Axles)**

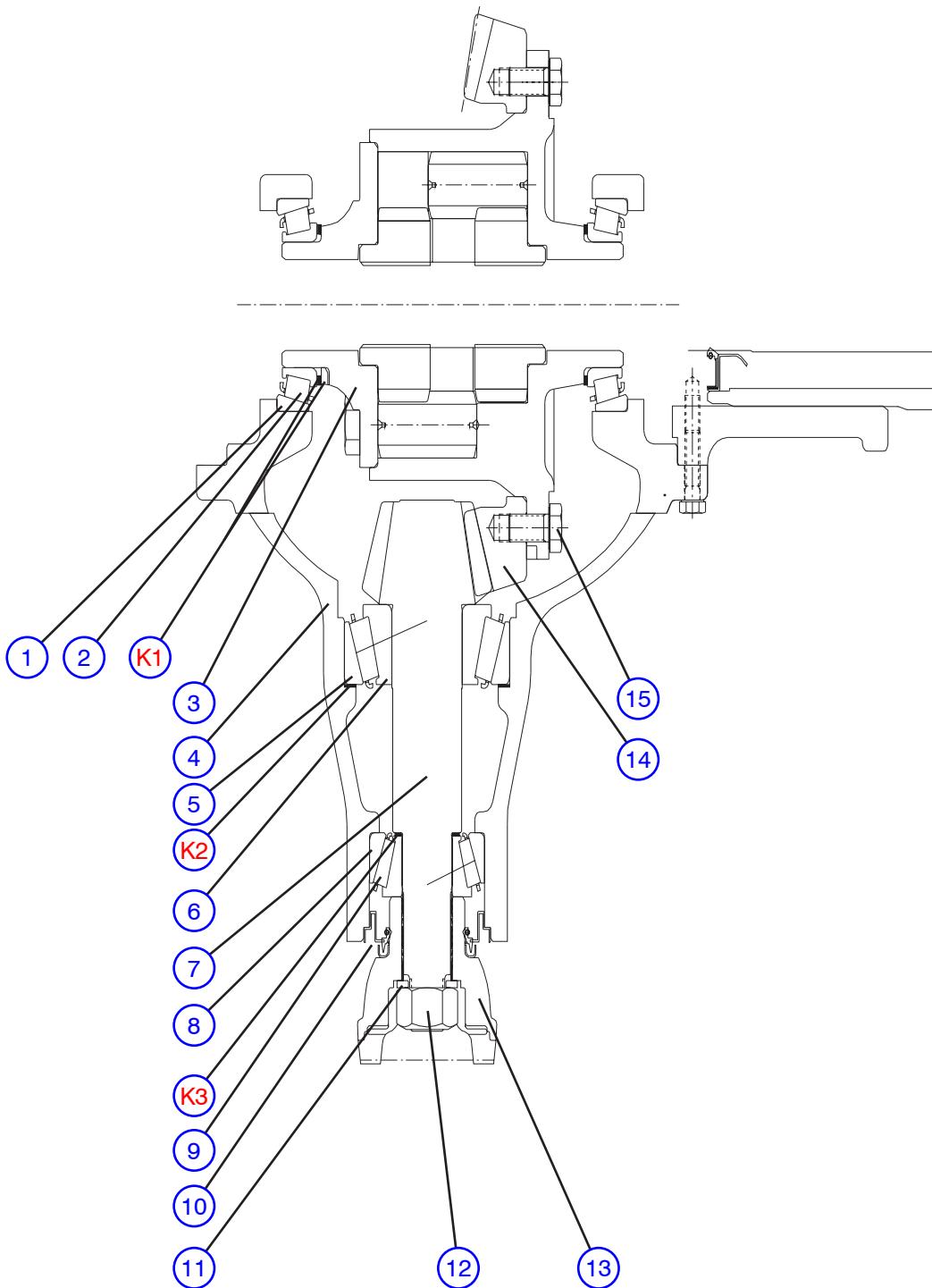


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**Figure 5.4 Front Axle Assembly (Axle End) - All Wheel Drive Option (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	AXLE SHAFT ASSEMBLY (Cushman Axles) (For components, refer to Figure 5.7)
2	133465	4	CUP, Tapered roller bearing
3	133471	4	SEAL, Oil
4	103910	16	BOLT, Hex head (1/2"-13 x 1-1/4", Grade 8)
5	133466	4	CONE, Tapered roller bearing C/W rollers
6	133484	4	FITTING, Grease (5/16 Drive)
	133435	AR	• GREASE, Wheel bearing
7	133483	4	CAP, Axle knuckle bearing
8	133442	4	KINGPIN
9	133450	2	KNUCKLE, Axle
10	133478	12	STUD, Thread head (1/2-20)
11	133479	12	NUT, Lock, Nylon insert (1/2-13 Grade 8)
12	133472	2	SEAL, Exclusion
13	133470	2	SEAL, Oil
14	133467	2	BEARING, Caged needle
	133435	AR	• GREASE, Wheel bearing
15	133464	2	CONE, Tapered roller bearing C/W rollers
	133435	AR	• GREASE, Wheel bearing
16	133444	2	SPINDLE, Wheel
17	133416	2	CONE, Tapered roller bearing C/W rollers
	133435	AR	• GREASE, Wheel bearing
18	133433	2	GASKET, Wheel hub
19	133445	2	ADAPTER, Flanged
20	133482	2	RING, Retaining
21	133454	2	END CAP, Axle
22	133418	4	NUT, Wheel bearing
23	133419	2	WASHER, Tanged
24	133423	16	NUT, Nylon insert lock (7/16-20, Grade 8)
25	133428	16	BUSHING (Tapered)
26	(Ref)	-	WHEEL HUB ASSEMBLY (For components, refer to Figure 5.6)
K	134614	AR	SHIM KIT, Kingpin

**Figure 5.5 Front Axle (Differential Assembly) - All Wheel Drive Option (Cushman Axles)**

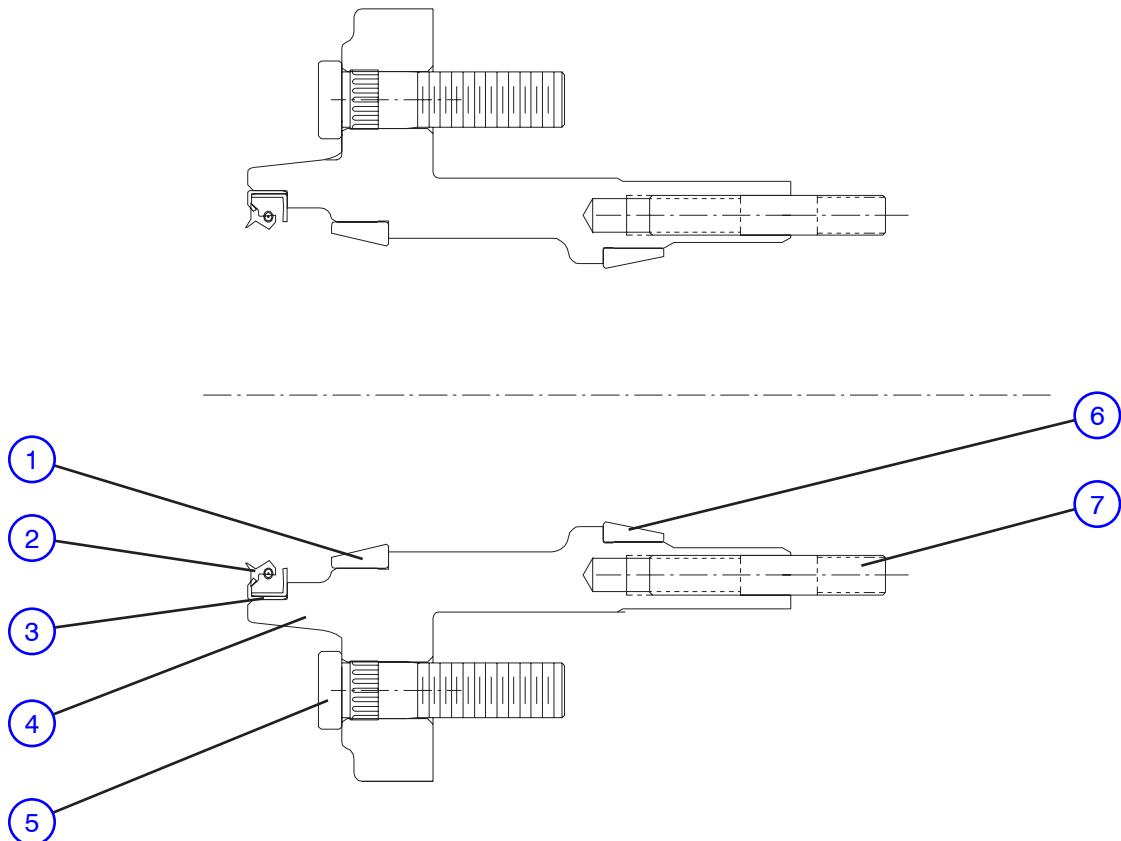


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**Figure 5.5 Front Axle (Differential Assembly) - All Wheel Drive Option (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	136248	-	DIFFERENTIAL ASSEMBLY ( <b>Cushman Axles</b> )
1	133412	2	• CUP, Tapered roller bearing
2	133414	2	• CONE, Tapered roller bearing C/W rollers
3	133473	1	• DIFFERENTIAL ASSEMBLY ( <b>For front Cushman axle limited slip</b> )
4	136245	1	• DIFFERENTIAL, Housing front axle
5	133410	1	• CUP, Tapered roller bearing
6	133411	1	• CONE, Tapered roller bearing C/W rollers
7	133387	1	• PINION/SHAFT-HYPOID
8	133408	1	• CUP, Tapered roller bearing
9	133409	1	• CONE, Tapered roller bearing C/W rollers
10	133470	1	• SEAL, Oil
	133383	AR	• • SEALANT, RTV
11	133399	1	• WASHER, Flat
	133383	AR	• • SEALANT, RTV
12	133427	1	• NUT, Lock, Nylon insert (7/8-14 Grade 8)
13	136452	1	• END YOKE
14	133385	1	• GEAR, Hypoid
15	133424	12	• BOLT, Hex head cap (1/2-20 x 1 lg. Grade 8)
K1	133432	2	• SHIM KIT, Differential cone
	133435	AR	• • GREASE, Wheel bearing
K2	133405	1	• SHIM KIT, Pinion cup
K3	134614	1	• SHIM KIT, Input cone

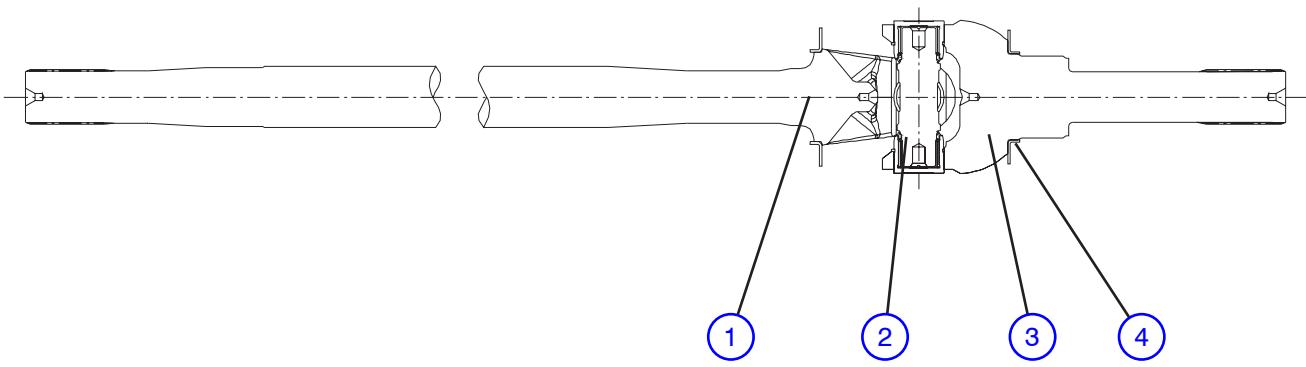
**Figure 5.6 Front & Rear Axle (Wheel Hub Assembly) - All Wheel Drive Option (Cushman Axles)**



M371-002

Index No.	Skyjack Part No.	Qty.	Description
-	136244	2	WHEEL HUB ASSEMBLY ( <b>Cushman Axles</b> )
1	133413	1	• CUP, Tapered roller bearing
2	133417	1	• SEAL, Oil
3	133383	AR	• SEALANT, RTV
4	133389	1	• HUB
5	133400	8	• STUD, Wheel
6	133418	1	• NUT, Wheel bearing
7	133457	8	• STUD, Axle

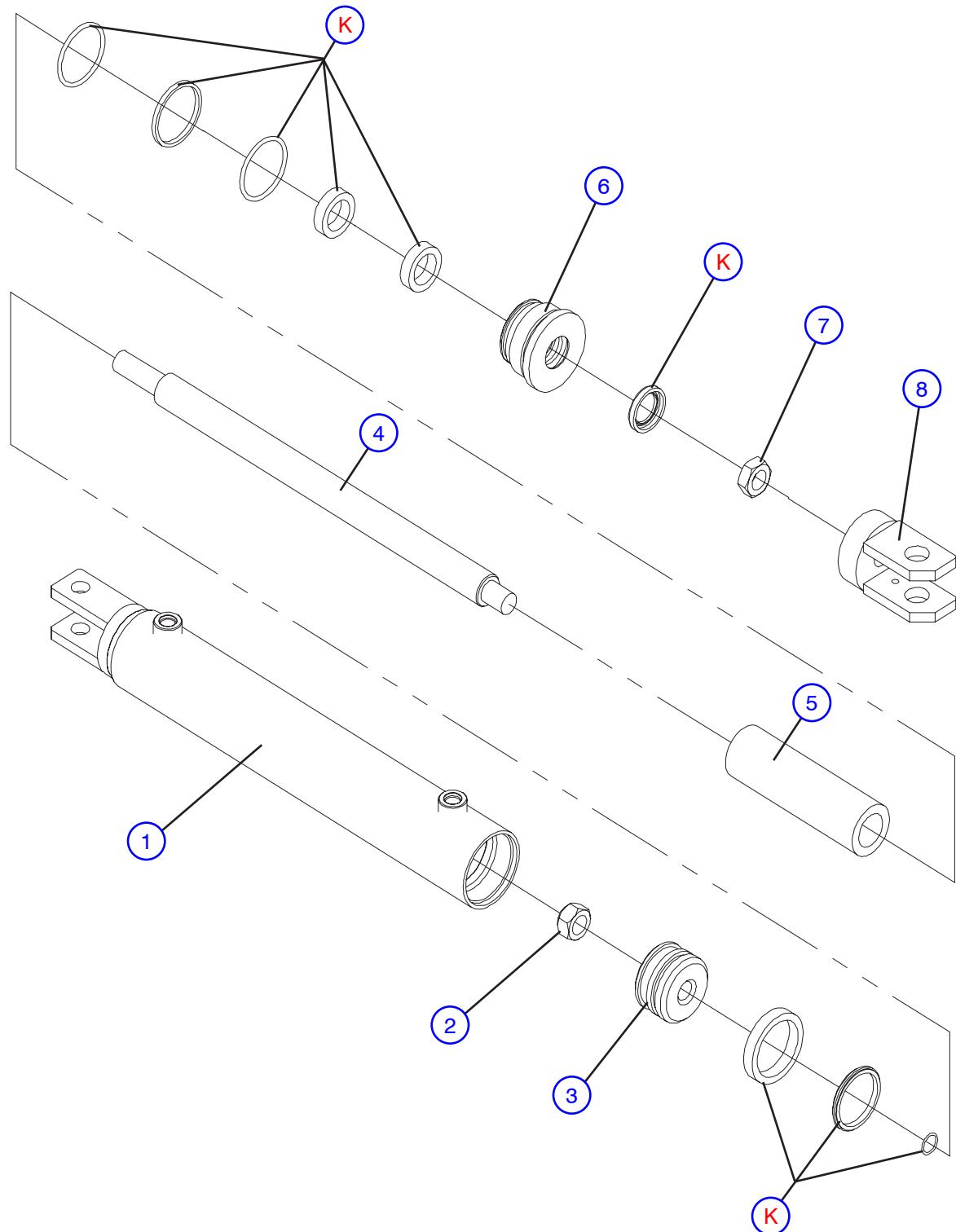
**Figure 5.7 Front Axle (Axle Shaft Assembly) - All Wheel Drive Option (Cushman Axles)**



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Index No.	Skyjack Part No.	Qty.	Description
-	133440	1	AXLE SHAFT ASSEMBLY ( <b>Cushman Axles</b> )
1	133458	1	• SHAFT, Axle Cushman
2	133468	1	• BEARING CROSS KIT
3	133452	1	• SHAFT, Axle
4	133436	2	• DEFLECTOR

**Figure 5.8 Steer Cylinder Assembly (Cushman Axles)**

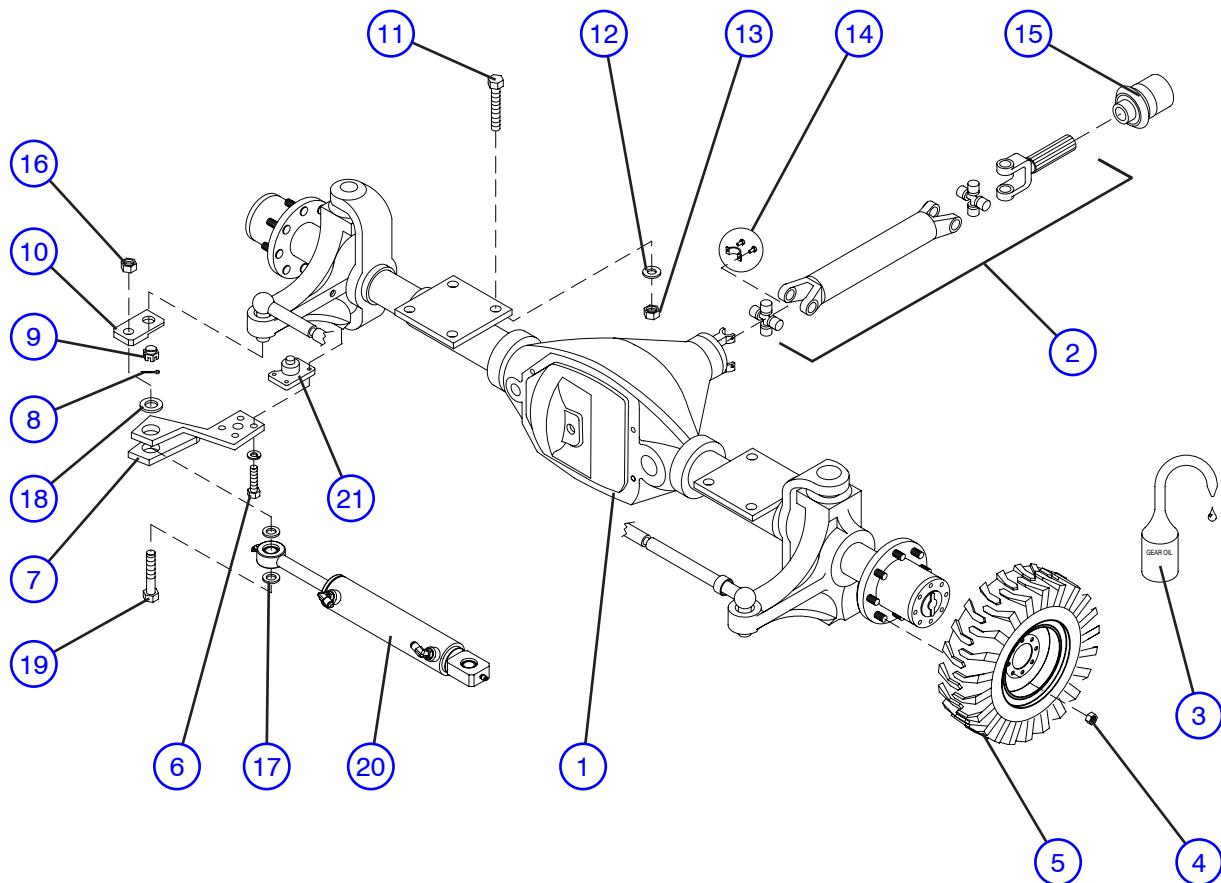


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**Figure 5.8 Steer Cylinder Assembly (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	133474	-	STEERING CYLINDER ASSEMBLY ( <b>Cushman Axles</b> )
1	134652	1	• WELDMENT, Cylinder barrel
2	134655	1	• NUT, Lock (3/4 - 16UNF)
3	134654	1	• PISTON
4	134653	1	• ROD
5	134657	1	• SPACER
6	134651	1	• GLAND
7	106450	1	• NUT, Hex jam (3/4-16UNF)
8	134650	1	• CLEVIS, Rod end
K	134647	-	Kit, Seal repair

**Figure 5-9 Front Axle Assembly (For 4-wheel Drive Machines) (Dana Axles)**

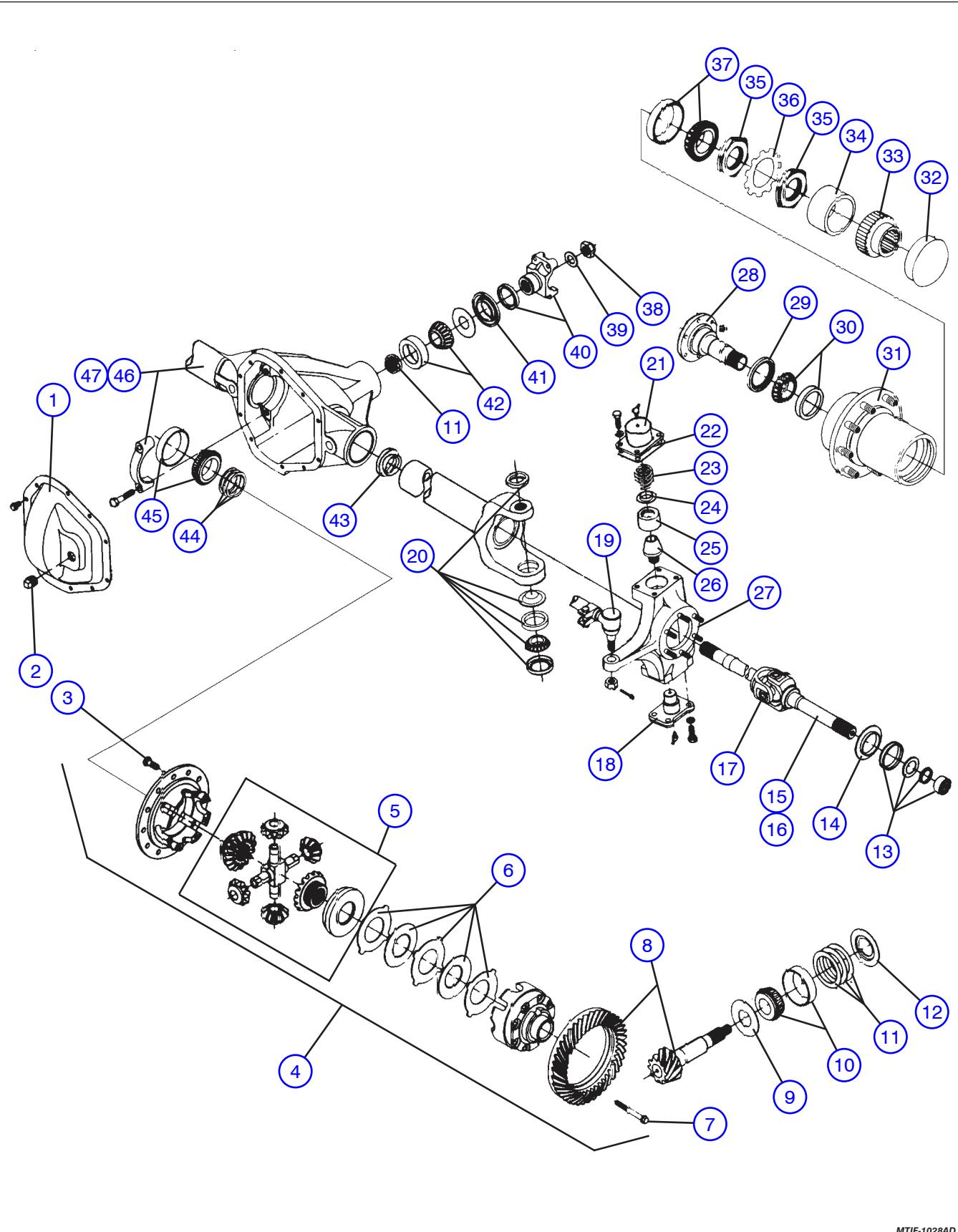


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**Figure 5.9 Front Axle Assembly (For 4-wheel Drive Machines) (Dana Axles)**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	WELDMENT, Axle front (4WD SJ800/1000) <b>(Dana Axles)</b> (For components, refer to Figure 5.10)
2	(Ref.)	-	DRIVE SHAFT, Front (SJ-800) (For components, refer to Figure 5.12)
3	(Ref.)	-	OIL, Gear (Refer to Table 1.1)
4	(Ref.)	-	NUT, Wheel (For components, refer to Figure 4.1)
5	(Ref.)	-	WHEEL ASSEMBLY (For components, refer to Figure 4.1)
6	102045	1	BOLT, Hex head (1/2"-20 x 1.34", Grade 8)
7	102030	1	STEERING, Arm
8	122071	1	PIN, Cotter (1/8" x 2")
9	120191	1	NUT, Castle tie rod
10	120845	1	STEERING, Arm support
11	123855	1	BOLT, Hex head (1/2"-20 x 2.75", Grade 8)
12	126286	1	WASHER, Lock (1/2" Heavy duty)
13	123856	1	NUT, Hex (1/2"-13, Grade C)
14	(Ref.)	-	BEARING STRAP ASSEMBLY (For components, refer to Figure 5.12)
15	(Ref.)	-	BOOT, 4WD (For components, refer to Figure 5.12)
16	100252	1	NUT, Hex head (3/4"-10, Grade B)
17	102028	1	SPACER (3/4" x 1" x 7/16")
18	102646	1	WASHER, Flat
19	103893	1	BOLT, Hex head (3/4"-10 x 3.5", Grade 8)
20	(Ref.)	-	STEER CYLINDER ASSEMBLY (For components, refer to Figure 5.11)
21	(Ref.)	-	CAP, Lower king pin (For components, refer to Figure 5.10)

**Figure 5.10 Front Drive Axle Assembly - Four Wheel Drive Machines (Dana Axles)**



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**Figure 5.10 Front Drive Axle Assembly - Four Wheel Drive Machines (Dana Axles)**

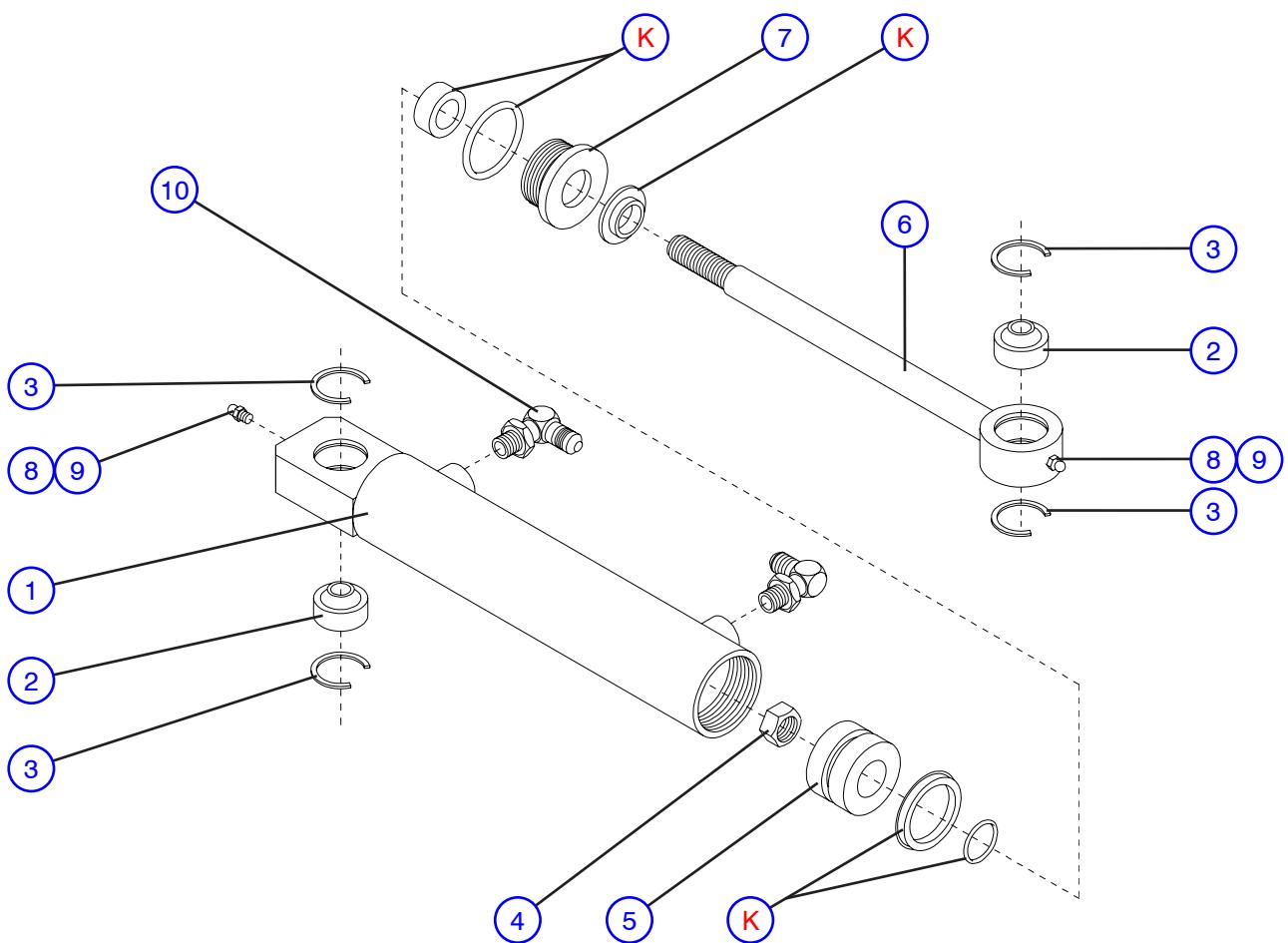
Index No.	Skyjack Part No.	Qty.	Description
-	115602	-	FINAL FRONT DRIVE AXLE ASSEMBLY
-	115728	1	• FRONT DRIVE AXLE ASSEMBLY
1	108394	1	• • COVER, Carrier
2	113888	1	• • PLUG, Carrier cover
3	113891	12	• • • BOLT, Drive gear
4	113908	1	• • DIFFERENTIAL ASSEMBLY
5	115371	1	• • • GEAR SET, Internal differential
6	113909	AR	• • • KIT, Disc and plate
7	113910	8	• • • BOLT, Differential case
8	117130	1	• • DRIVE GEAR AND PINION SET
9	113879	1	• • SLINGER, Inner pinion
10	113880	1	• • BEARING ASSEMBLY, Inner pinion
11	113881	AR	• • KIT, Pinion adjusting shim
12	113882	1	• • SLINGER, Inner pinion bearing
13	113901	AR	• • KIT, Spindle bearing and seal
14	708440	2	• • SLINGER
15	129974	1	• • AXLE SHAFT ASSEMBLY (LH, 37", 30 teeth spline, Includes item #17)
16	129975	1	• • AXLE SHAFT ASSEMBLY (RH, 47", 30 teeth spline, Includes item #17)
17	113900	2	• • JOINT, Universal drive
18	113897	2	• • CAP, Lower king pin
19	115373	1	• • TIE ROD ASSEMBLY
	113792	1	• • • END, Tie rod (RH)
	113793	1	• • • END, Tie rod (LH)
20	108392	AR	• • KIT, King pin seal and bearing
21	113899	2	• • CAP, Upper king pin
22	113898	2	• • GASKET, Upper king pin
23	113896	2	• • SPRING, Upper king pin
24	113895	2	• • RETAINER, Spring
25	108388	2	• • BUSHING, Upper king pin
26	105817	2	• • PIN, Upper king
27	113732	1	• • KNUCKLE, Steering (LH) (Shown)
	113733	1	• • KNUCKLE, Steering (RH) (Opposite)
28	113902	2	• • SPINDLE ASSEMBLY
29	108393	2	• • SEAL, Wheel hub
30	108390	2	• • INNER HUB BEARING ASSEMBLY
31	113903	2	• • HUB, Wheel
	111709	16	• • • STUD, Wheel (5/8"-18, RH)
32	113907	2	• • CAP, Hub
33	119179	1	• • GEAR, Drive (30 teeth)
	113906	1	• • GEAR, Drive (35 teeth)

**Parts list continued on the following page.**

**Figure 5.10 Front Drive Axle Assembly - Four Wheel Drive Machines (Dana Axles) (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
34	119180	2	• • SPACER, Drive gear
35	113904	4	• • NUT, Bearing retaining
36	113905	2	• • WASHER, Retaining nut lock
37	108391	2	• • OUTER HUB BEARING ASSEMBLY
38	113886	1	• • NUT, Pinion
39	113885	1	• • WASHER, Pinion nut
40	113887	1	• • END YOKE ASSEMBLY
	133827	1	• • KIT, Strap ( <b>If Equipped</b> )
41	113884	1	• • SEAL, Pinion
42	113883	1	• • OUTER PINION BEARING ASSEMBLY
43	113893	1	• • SEAL AND GUIDE ASSEMBLY
44	113890	AR	• • KIT, Differential bearing shim
45	113889	2	• • DIFFERENTIAL BEARING ASSEMBLY
46	\$	1	• • DIFFERENTIAL CASING W/BEARING CAPS, Front drive axle
47	113892	1	• • PLUG, Vent

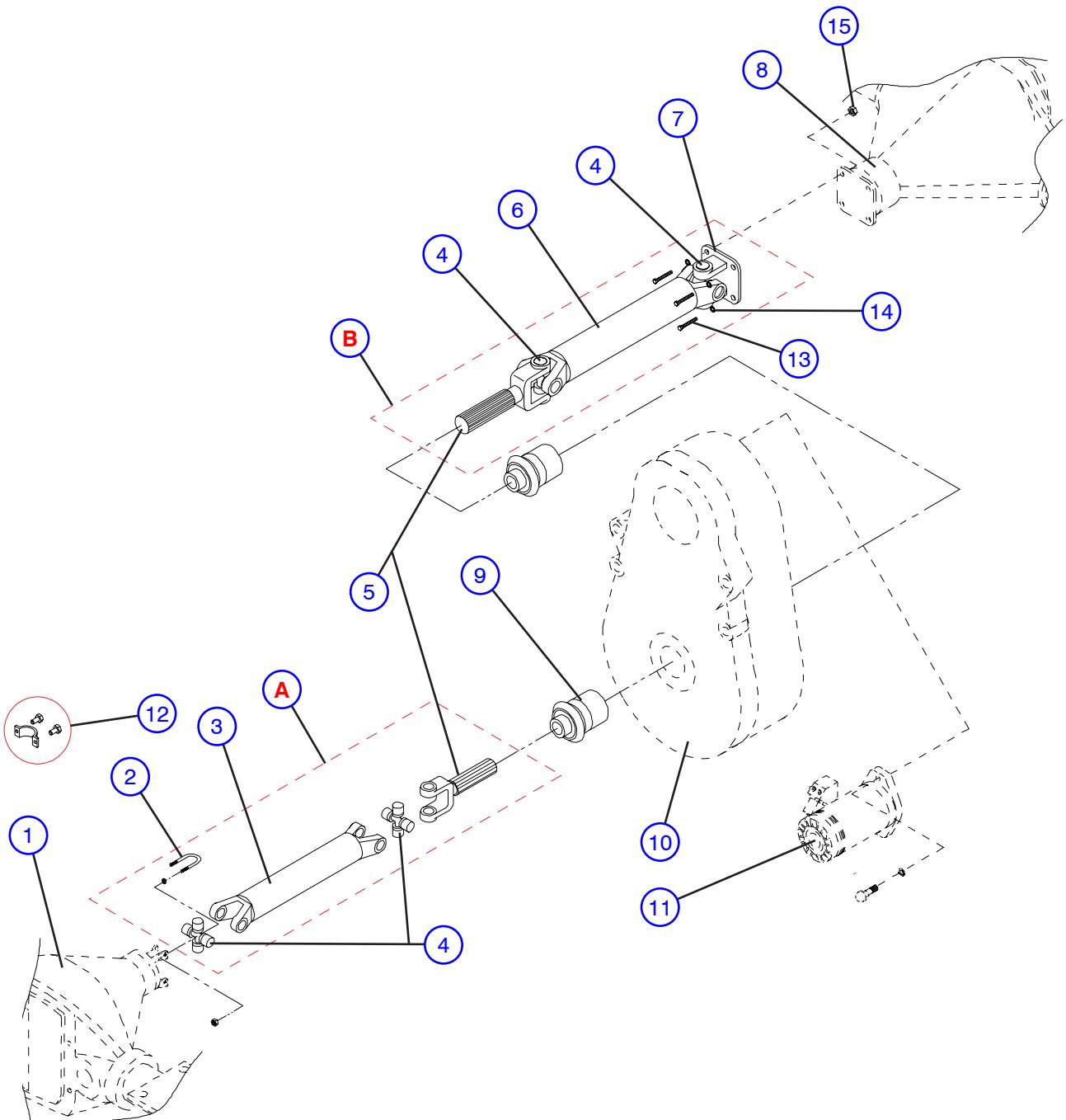
**Figure 5.11 Steer Cylinder Assembly (Dana Axles)**



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Index No.	Skyjack Part No.	Qty.	Description
-	120405	-	STEER CYLINDER ASSEMBLY (2WD/4WD)
1	120404	1	• WELDMENT, Cylinder barrel
2	102025	2	• BEARING, Spherical
3	104114	AR	• RING, Retaining
4	103830	1	• NUT, Lock (5/8"-11, Grade C)
5	120633	1	• PISTON, Cylinder
6	113347	1	• ROD, Steering
7	120401	1	• GLAND, Front end
8	103513	2	• FITTING, Grease
9	132565	2	• CAP, Grease fitting
10	(Ref.)	-	FITTINGS, Hydraulic (For components, refer to Figure 4.6)
K	121108	1	KIT, Seal

**Figure 5.12 Drive Shaft Assembly**

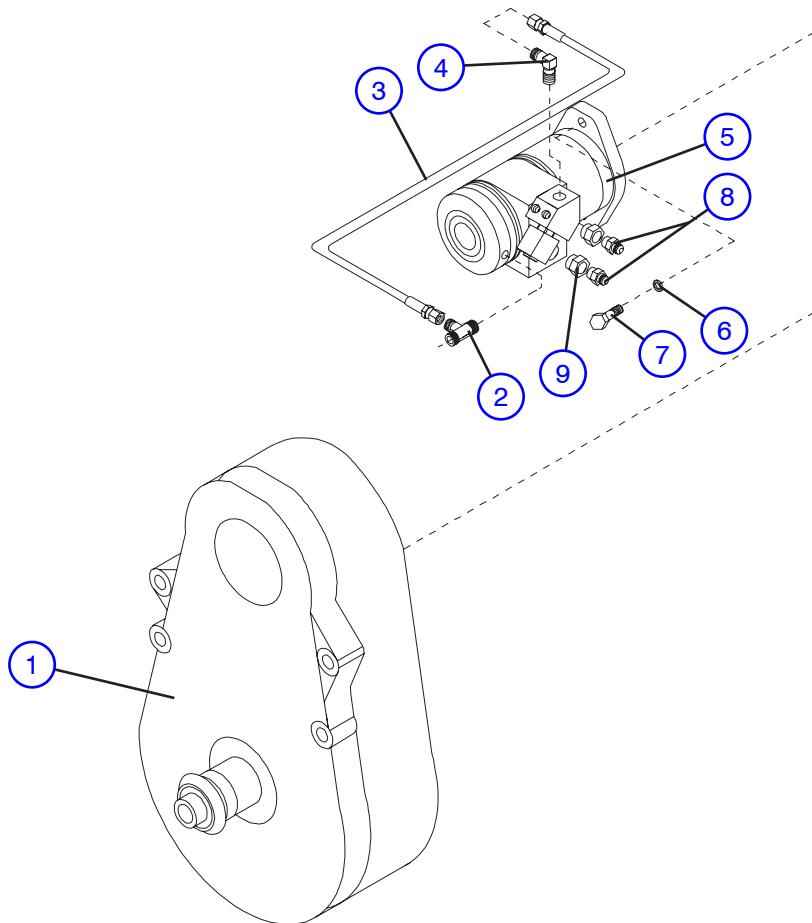


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**Figure 5.12 Drive Shaft Assembly**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	FRONT WHEEL DRIVE AXLE ASSEMBLY (If equipped) (For components, refer to Figure 5.9) ( <b>Dana Axles</b> ) (For components, refer to Figure 5.4) ( <b>Cushman Axles</b> )
A	122399	1	FRONT DRIVESHAFT ASSEMBLY
B	122398	1	REAR DRIVESHAFT ASSEMBLY
2	103084	1	• U-BOLT KIT ( <b>Dana Axles</b> ) A
3	101979	1	• SHAFT, Front drive A
4	105863	AR	• KIT, Universal joint
5	103099	AR	• YOKE
6	118257	1	• SHAFT, Rear drive B
7	111159	1	• FLANGE, Yoke B
8	(Ref.)	-	REAR AXLE (For components, refer to Figure 5.18) ( <b>Dana Axles</b> ) (For components, refer to Figure 5.15) ( <b>Cushman Axles</b> )
9	900542	AR	BOOT, Output Shaft
10	(Ref.)	-	CENTER DRIVE ASSEMBLY (For components, refer to Figure 5.14)
11	(Ref.)	-	TWO-SPEED DRIVE MOTOR ASSEMBLY (For components, refer to Figure 5.13)
12	136265	1	BEARING STRAP ASSEMBLY (If equipped)
13	103877	4	BOLT, Hex head (7/16"-14 x 1-1/4", Grade 5)
14	104636	4	WASHER, Lock
15	103977	4	NUT, Hex head

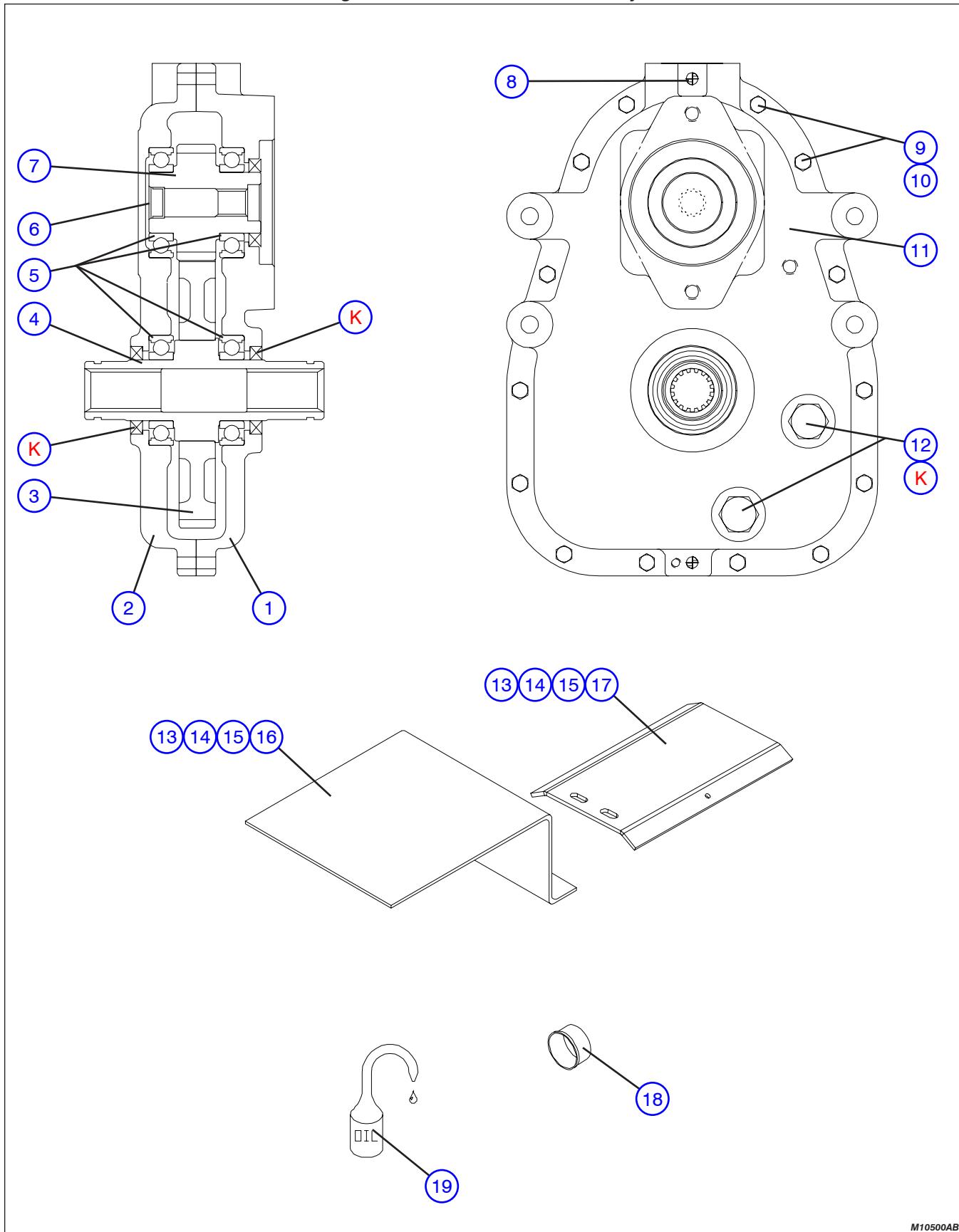
**Figure 5.13 Drive Motor Assembly**



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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	CENTER DRIVE ASSEMBLY (For components, refer to Figure 5.14)
2	121602	1	FITTING (#6 - #4 - #6)
3	121601	1	HOSE, Hydraulic line (6")
4	113348	1	FITTING, Elbow (#6 - #4)
5	109311	1	MOTOR, 2 Speed drive
6	134416	1	• HARNESS, 2-speed motor wiring
7	103256	122"	• CABTIRE (18/2)
8	103623	1	• VALVE, Series/Parallel
9	355113	1	• MANIFOLD, Motor
10	103613	1	• COIL, Series/Parallel valve
11	115340	4	• CHECK BALL
12	115338	1	• SEAL KIT
13	103470	2	WASHER, Lock (1/2")
14	103910	2	BOLT (1/2"-13 x 1.25", Grade 8) <b>(Use Loctite 242 or equivalent)</b>
15	102659	2	FITTING, Straight
16	104436	2	FITTING, Reducer

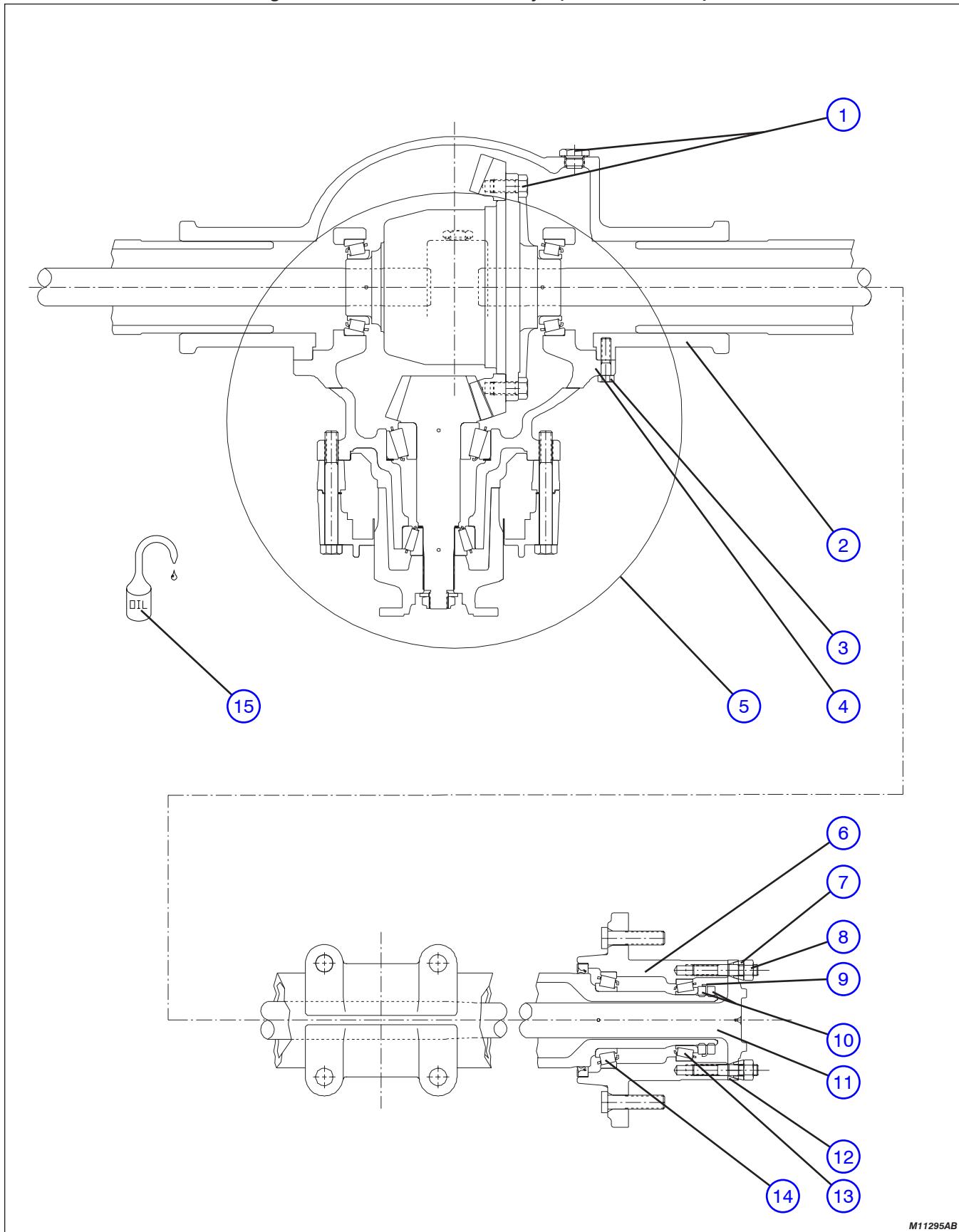
**Figure 5.14 Center Drive Assembly**



**Figure 5.14 Center Drive Assembly**

Index No.	Skyjack Part No.	Qty.	Description
-	128282	-	CENTER DRIVE ASSEMBLY
1	128275	1	• HOUSING, Transfer case (Rear)
2	128274	1	• HOUSING, Transfer case (Front)
3	128276	1	• GEAR, Spur (69T)
4	900396	1	• DRIVE, Shaft output center
5	900321	4	• BEARING (#6210)
6	900746	1	• PLUG, Frost
7	128278	1	• GEAR, Pinion & input shaft
8	128286	2	• PIN, Dowel (3/8" diameter x 1.25")
9	103886	14	• BOLT, Hex head (5/16"-18 x 1.5", Grade 5)
10	103984	14	• NUT-LOCK, Hex head (5/16"-18, Grade 8)
11	103165	1	• PLUG (1/8" NPT)
12	128284	2	• PLUG, Oil drain
13	101632	2	• BOLT, Hex head (3/8"-16 x 3/4", Grade 5)
14	103472	2	• WASHER, Flat (3/8")
15	103999	2	• WASHER, Lock (3/8")
16	112228	1	PLATE, Outrigger manifold cover
17	114148	1	PLATE, Center drive motor cover
18	121629	1	CAP, Output shaft (with 2WD Machines)
19	(Ref.)	-	OIL, Gear <a href="#">(Refer to Table 1.1)</a>
K	900655		KIT, Service

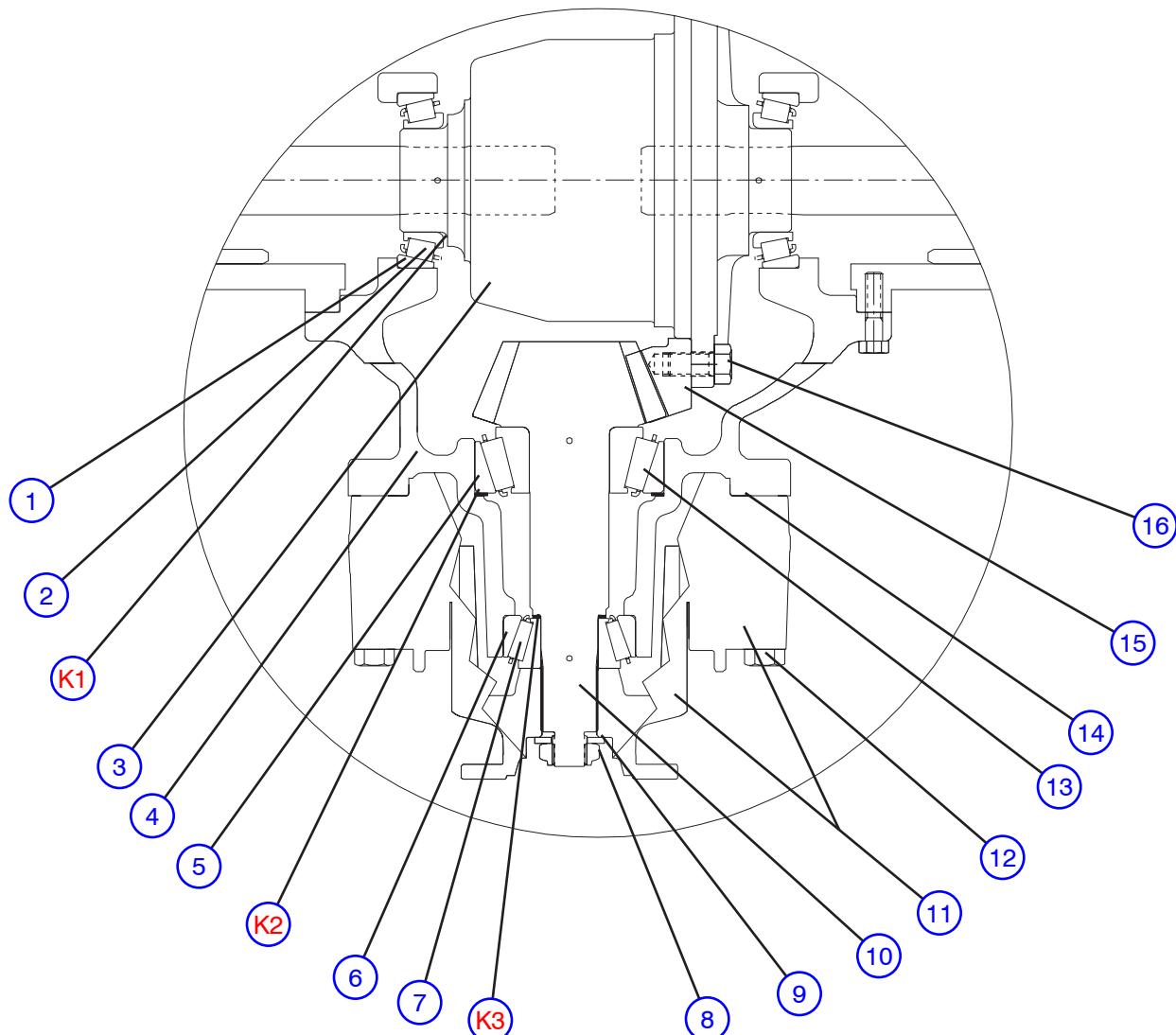
**Figure 5.15 Rear Axle Assembly - (Cushman Axles)**



**Figure 5.15 Rear Axle Assembly - (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	128819	1	REAR AXLE ASSEMBLY ( <b>Cushman Axles</b> )
1	133430	4	PLUG, Oil (Straight thread)
	133431	4	• GASKET, Oil plug
2	133382	1	WELDMENT, Rear axle
3	133422	12	BOLT, Hex head (3/8"-16 x 1-1/4", Grade 8)
4	133383	AR	SEALANT, RTV
5	(Ref)	-	REAR DIFFERENTIAL ASSEMBLY (For components, refer to Figure 5.16)
6	(Ref)	-	WHEEL HUB ASSEMBLY (For components, refer to Figure 5.7)
7	133428	16	BUSHING, Tapered
8	133423	16	NUT, Nylon insert lock (7/16"-20, Grade 8)
9	133419	2	WASHER, Tanged
10	133418	8	NUT, Wheel bearing
11	133386	2	SHAFT, Axle
12	133433	2	GASKET, Wheel hub
13	133416	2	CONE, Tapered roller bearing C/W rollers
	133435	AR	• GREASE Wheel bearing
14	133464	2	CONE, Tapered roller bearing C/W rollers
	133435	AR	• GREASE Wheel bearing
15	(Ref.)	-	OIL, Gear (Refer to Table 1.1)

**Figure 5.16 Rear Axle (Differential Assembly) - (Cushman Axles)**

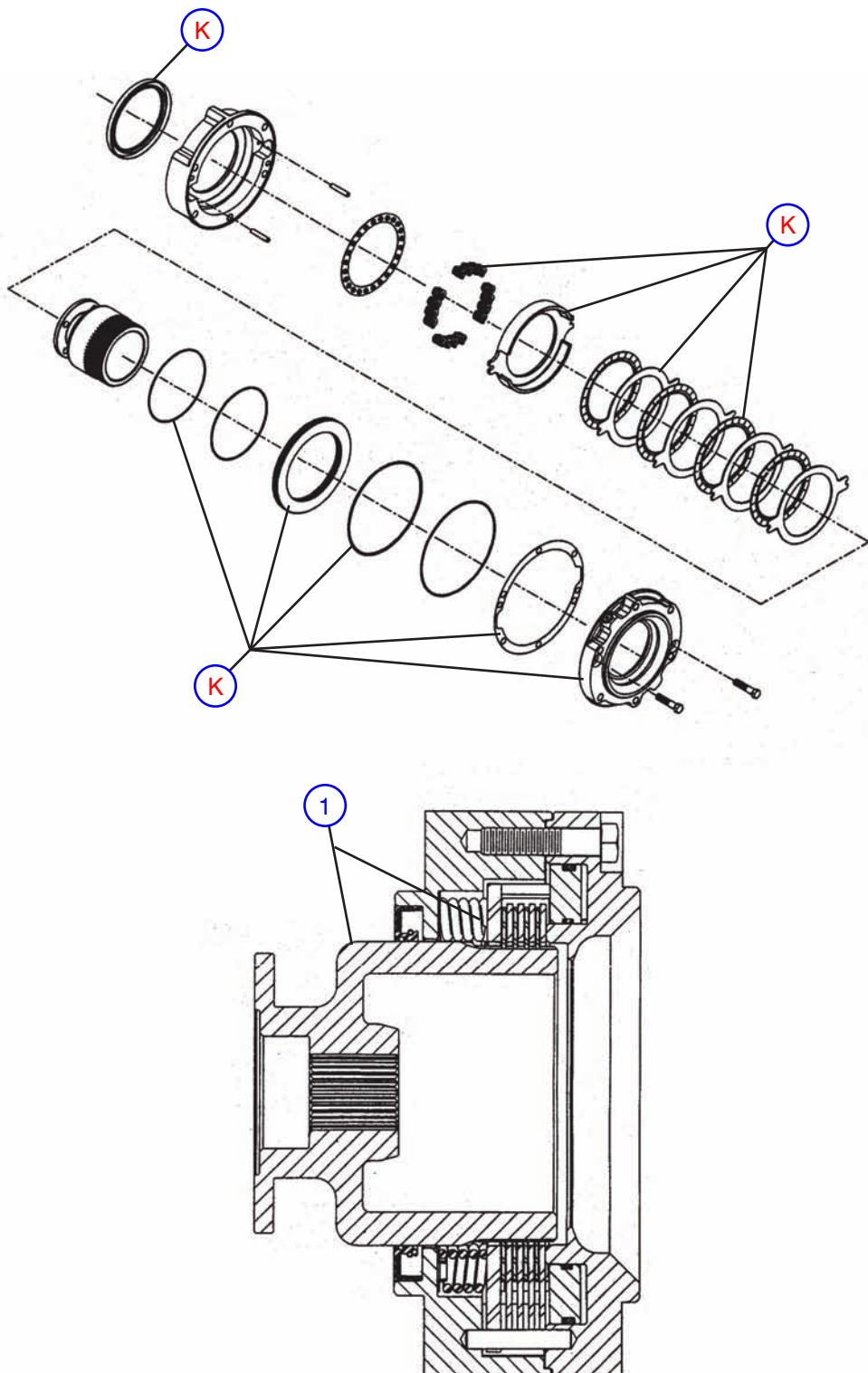


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**Figure 5.16 Rear Axle (Differential Assembly) - (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	136250	1	REAR AXLE ASSEMBLY ( <b>Cushman Axles</b> )
1	133412	2	• CUP, Tapered roller bearing
2	133414	2	• CONE, Tapered roller bearing C/W rollers
3	133388	1	• REAR CUSHMAN DIFFERENTIAL ASSEMBLY (Detroit locker)
4	133410	1	• CUP, Tapered roller bearing
5	136246	1	• DIFFERENTIAL HOUSING, Rear axle
6	133408	1	• CUP, Tapered roller bearing
7	133409	1	• CONE, Tapered roller bearing C/W rollers
8	133427	1	• NUT, Lock nylon insert (7/8-14 Grade 8)
9	133399	1	• WASHER, Flat
	133383	AR	• SEALANT, RTV
10	133387	1	• PINION/SHAFT-HYPOID
11	(Ref)	-	BRAKE ASSEMBLY <i>(For components, refer to Figure 5.17)</i>
12	133426	6	• BOLT, Hex head cap (1/2-13 x 4.25, Grade 8)
13	133411	1	• CONE, Tapered roller bearing C/W rollers
14	133383	AR	• SEALANT, RTV
15	133385	1	• GEAR HYPOID
16	133424	12	• BOLT, Hex head cap (1/2-20 x 1 lg. Grade 8)
K1	133432	2	• SHIM KIT, Differential cone
	133435	AR	• GREASE, Wheel bearing
K2	133405	1	• SHIM KIT, Pinion cup
K3	134614	1	• SHIM KIT, Input cone

**Figure 5.17 Rear Axle (Brake Assembly) - (Cushman Axles)**

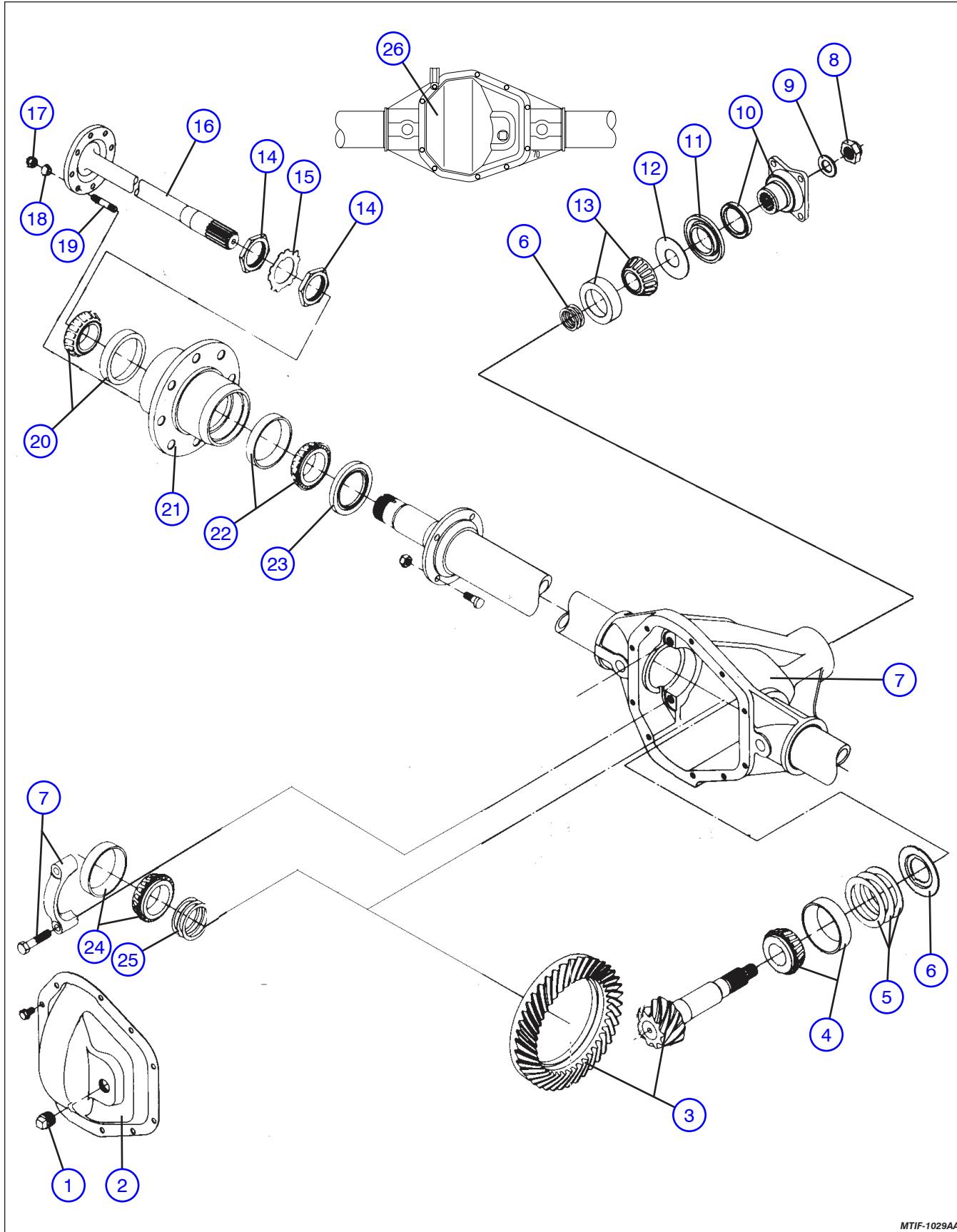


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**Figure 5.17 Rear Axle (Brake Assembly) - (Cushman Axles)**

Index No.	Skyjack Part No.	Qty.	Description
1	133441	1	ASSEMBLY, Brake (22,000in-lb) ( <b>Cushman Axles</b> )
K	133403	-	<ul style="list-style-type: none"><li>• REPAIR KIT (<b>Brake</b>)</li></ul>

**Figure 5.18 Rear Drive Axle Assembly (Dana Axles)**

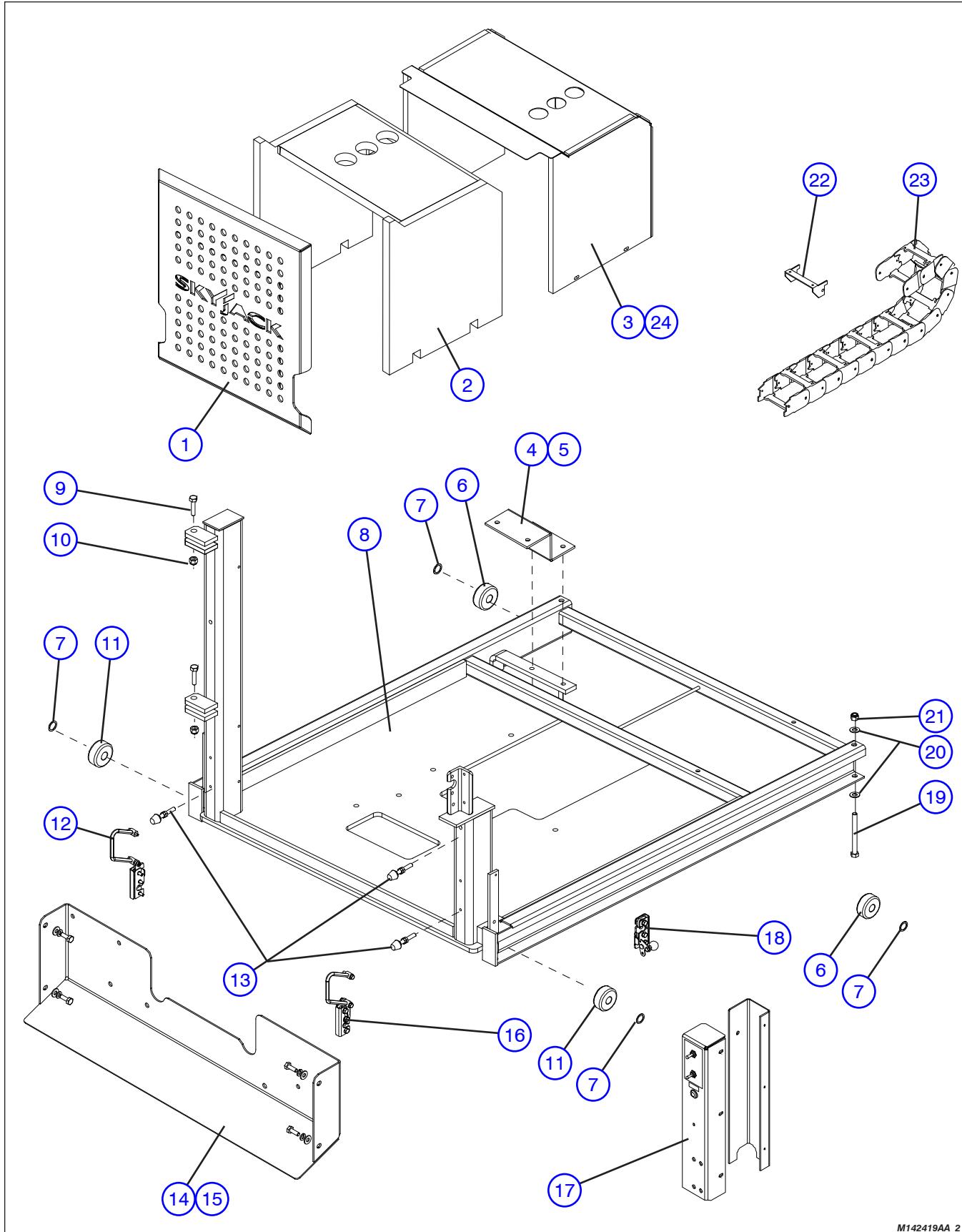


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**Figure 5.18 Rear Drive Axle Assembly (Dana Axles)**

Index No.	Skyjack Part No.	Qty.	Description
-	115601	-	REAR DRIVE MODIFIED AXLE ASSEMBLY (5.13 ratio)
-	115729	-	• REAR DRIVE AXLE ASSEMBLY
1	113888	1	• • PLUG, Cover carrier
2	108394	1	• • COVER, Carrier
3	117310	1	• • DRIVE GEAR AND PINION ASSEMBLY
4	113880	1	• • INNER PINION BEARING ASSEMBLY (Includes item 3)
5	113881	AR	• • KIT, Pinion adjusting shim
6	113882	1	• • SLINGER, Inner pinion
7	129613	1	• • DIFFERENTIAL CASING ASSEMBLY
8	113886	1	• • NUT, Pinion
9	113885	1	• • WASHER, Pinion nut
10	113914	1	• • END YOKE ASSEMBLY
	133827	1	• • • KIT, Strap ( <b>If equipped</b> )
11	113884	1	• • SEAL, Pinion
12	113913	1	• • SLINGER, Inner pinion bearing
13	113883	1	• • OUTER PINION BEARING ASSEMBLY
14	113920	4	• • NUT, Spindle
15	113921	2	• • WASHER, Spindle
16	109137	1	• • SHAFT, Flanged axle (LH) (shown)
17	113925	16	• • NUT, Stud
18	113924	16	• • ADAPTER, Stud nut
19	113919	16	• • STUD, Axle hub
20	113916	2	• • OUTER WHEEL BEARING ASSEMBLY
21	113918	2	• • HUB, Wheel
22	113915	2	• • INNER WHEEL BEARING ASSEMBLY
23	113917	2	• • SEAL, Hub
24	113889	2	• • BEARING ASSEMBLY
25	113912	AR	• • KIT, Differential shim
26	103078	1	CLAMP, Cable
27	(Ref.)	-	OIL, Gear ( <b>Not shown</b> ) (Refer to Table 1.1)

**Figure 6.1 Engine Roll Out Tray & Cover Assembly**



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**Figure 6.1 Engine Roll Out Tray & Cover Assembly**

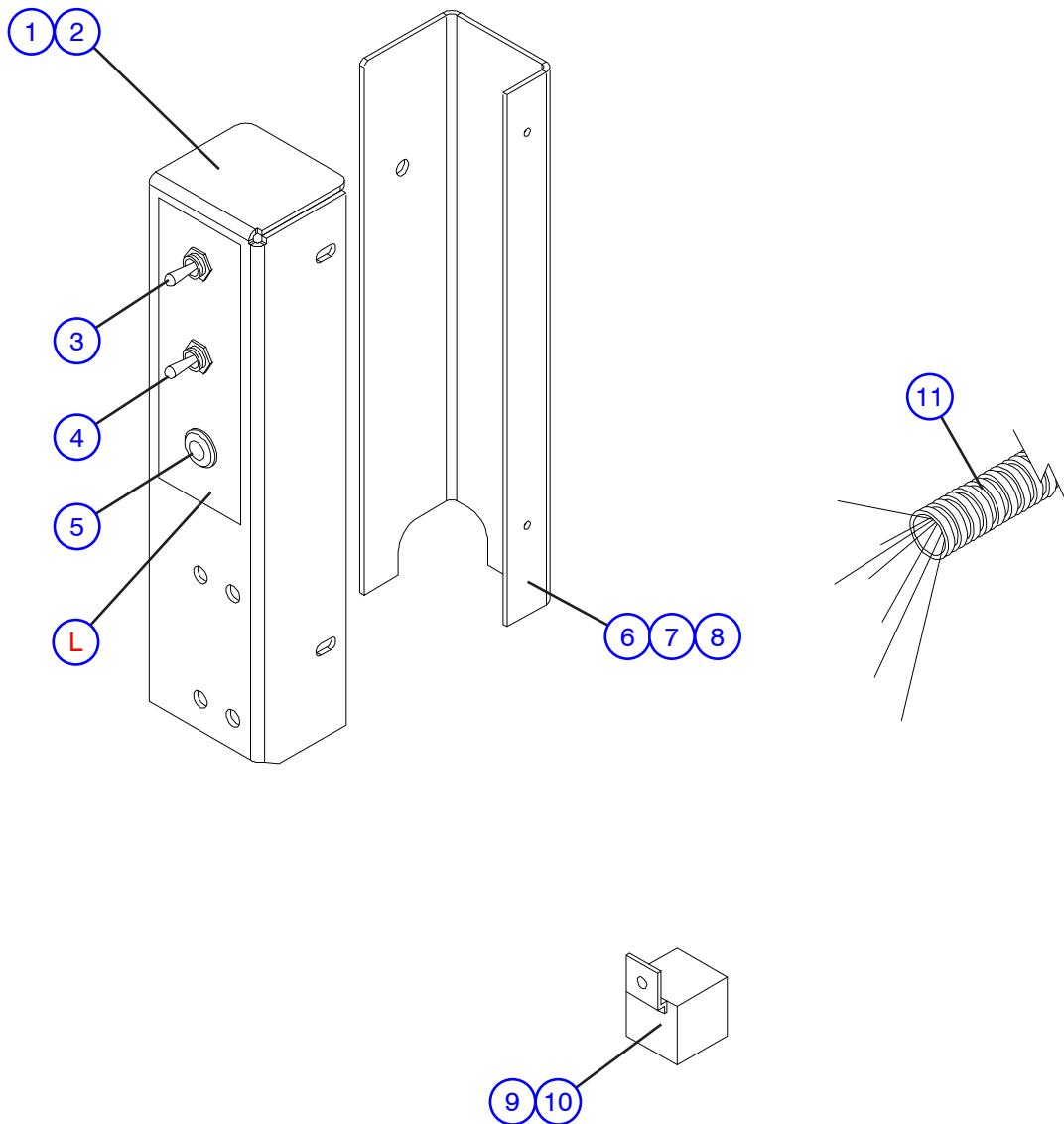
Index No.	Skyjack Part No.	Qty.	Description
1	-	-	ENGINE GUARD ASSEMBLY <ul style="list-style-type: none"> <li>• WELDMENT, Engine guard (<b>Model 9250</b>)</li> <li>• WELDMENT, Engine guard (<b>Model 9241</b>)</li> <li>• TRIM, Rubber</li> <li>• TRIM, Rubber (<b>Diesel fuel engines</b>)</li> </ul>
2	142229 141861 142402 147327 148252 115463 115460 115461 115464 115465 134221 134218 134219 134220	1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOUNDPROOFING ASSEMBLY ( <b>Diesel fuel engines Model 9250</b> ) <ul style="list-style-type: none"> <li>• PAD, Soundproofing (top &amp; back)</li> <li>• PAD, Soundproofing (LH rear)</li> <li>• PAD, Soundproofing (RH rear)</li> <li>• PAD, Soundproofing (RH front)</li> <li>• PAD, Soundproofing (LH front)</li> </ul> SOUNDPROOFING ASSEMBLY ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• SOUNDPROOFING, Insulation (Rear)</li> <li>• COVER, Plate engine side (Right)</li> <li>• COVER, Plate engine side (Left)</li> </ul>
3	133695 133689 137557 132870	1 1 1 2	WELDMENT, Engine Cover ( <b>Dual fuel engines Model 9250</b> ) WELDMENT, Engine Cover ( <b>Diesel fuel engines Model 9250</b> ) WELDMENT, Engine Cover Modified (equipped with Purifier <b>Model 9250</b> ) WELDMENT, Engine cover ( <b>Model 9241</b> )
4	133355	1	BRACKET, E-chain
5	-	-	HARDWARE, E-chain bracket ( <b>Dual fuel engines</b> ) <ul style="list-style-type: none"> <li>• BOLT, Hex head (0.25"-20 x 1.25", Grade 5)</li> <li>• WASHER, Flat (0.25)</li> <li>• WASHER, Lock (0.25)</li> <li>• NUT, Hex head (0.25-20 grade 5)</li> </ul> HARDWARE, E-chain bracket ( <b>Diesel fuel engines</b> ) <ul style="list-style-type: none"> <li>• BOLT, Hex head (5/16"-18 x 1", Grade 5)</li> <li>• WASHER, Lock (5/16")</li> <li>• WASHER, Flat (5/16")</li> <li>• NUT, Hex head (5/16"-18, Grade 5)</li> </ul>
6	111351	2	ROLLER (2-3/4" OD x 7/8" ID x 1-3/16")
7	116555	AR	KIT, Engine tray roller shim
	116620	AR	<ul style="list-style-type: none"> <li>• SHIM (7/8" x 1-3/16" x 1/8" thick)</li> <li>• SHIM (7/8" x 1-3/16" x 1/16" thick)</li> </ul>
8	142238 147838	1 1	WELDMENT, Engine tray ( <b>Model 9250</b> ) WELDMENT, Engine tray ( <b>Model 9241</b> )
9	103905	2	BOLT, Hex head (1/2"-13 x 2", Grade 5)
10	702507	2	NUT, Hex lock (1/2"-13)
11	142360	2	ROLLER, Engine plate
12	-	1	RIGHT-HAND LATCH ASSEMBLY <ul style="list-style-type: none"> <li>• LATCH, Right-hand rotary</li> <li>• HANDLE, Right-hand tray lock</li> <li>• SCREW, Shoulder (Ø 1/4" x 3/8")</li> <li>• WASHER, Brass (17/64" ID x 15/32" OD)</li> <li>• SCREW, Shoulder (Ø 1/4" x 1/4")</li> </ul>

**Parts list continued on the following page.**

**Figure 6.1 Engine Roll Out Tray & Cover Assembly (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
13	116494	3	BUMPER, Rubber
14	114841	1	BRACKET, Engine dam plate ( <b>Diesel fuel engines Model 9250</b> )
	133883	1	BRACKET, Engine dam plate ( <b>Diesel fuel engines Model 9241</b> )
15	-	-	HARDWARE, Engine dam plate bracket ( <b>Diesel fuel engines Model 9250</b> ) <ul style="list-style-type: none"> <li>• BOLT, Hex head (1/4"-20 x 3/4")</li> <li>• WASHER, Flat (1/4")</li> </ul>
	103856	4	HARDWARE, Engine dam plate bracket ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• WASHER, Flat (1/4")</li> <li>• WASHER, Lock (1/4")</li> </ul>
	103995	4	HARDWARE, Engine dam plate bracket ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• WASHER, Flat (1/4")</li> <li>• WASHER, Lock (1/4")</li> </ul>
	103995	4	HARDWARE, Engine dam plate bracket ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• WASHER, Flat (1/4")</li> <li>• WASHER, Lock (1/4")</li> </ul>
	104000	6	HARDWARE, Engine dam plate bracket ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• WASHER, Flat (1/4")</li> <li>• WASHER, Lock (1/4")</li> </ul>
	103892	4	HARDWARE, Engine dam plate bracket ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• BOLT, Hex head (1/4"-20 x 5/8" Grade 5)</li> </ul>
16	-	1	LEFT-HAND LATCH ASSEMBLY <ul style="list-style-type: none"> <li>• LATCH, Left-hand rotary</li> <li>• HANDLE, Left-hand tray lock</li> <li>• SCREW, Shoulder (1/4" DIA x 3/8")</li> <li>• WASHER, Brass (17/64" ID x 15/32" OD)</li> <li>• SCREW, Shoulder (Ø 1/4" x 1/4")</li> </ul>
17	(Ref.)	-	PANEL, Engine control post <i>(For components, refer to Figure 6.2)</i>
18	111954	1	ENGINE GUARD DOOR LATCH ASSEMBLY
	102780	1	<ul style="list-style-type: none"> <li>• LATCH, Right hand rotary</li> <li>• WASHER, Lock (5/16")</li> </ul>
	103404	3	<ul style="list-style-type: none"> <li>• BOLT, Hex head (5/16"-18 x 1" Grade 5)</li> <li>• BOLT, Hex head (1/4"-20 x 1" Grade 5)</li> </ul>
	103864	3	<ul style="list-style-type: none"> <li>• WASHER, Lock (1/4")</li> <li>• NUT, Hex head (1/4"-20 Grade B)</li> </ul>
	103857	1	<ul style="list-style-type: none"> <li>• KNOB, Rotary latch</li> </ul>
19	103914	2	BOLT, Hex head (0.375-16 x 3.75 grade 5)
20	103472	4	WASHER, Flat (0.375) ( <b>Dual fuel engines</b> )
21	104606	2	NUT, Hex nylon lock (0.375-16 grade 5)
22	122834	1	KIT, Energy chain mounting bracket <ul style="list-style-type: none"> <li>• BRACKET, Carrier assembly mounting (Male)</li> <li>• BRACKET, Carrier assembly mounting (Female)</li> </ul>
	122998	1	
	122999	1	
23	123368	1	CHAIN, Energy
24	-	-	HARDWARE, Engine cover weldment ( <b>Model 9241</b> ) <ul style="list-style-type: none"> <li>• WASHER, Flat (3/8")</li> <li>• WASHER, Lock (3/8")</li> <li>• BOLT, Hex head (3/8"-16 x 3/4", Grade 5)</li> </ul>

**Figure 6.2 Engine Control Panel**

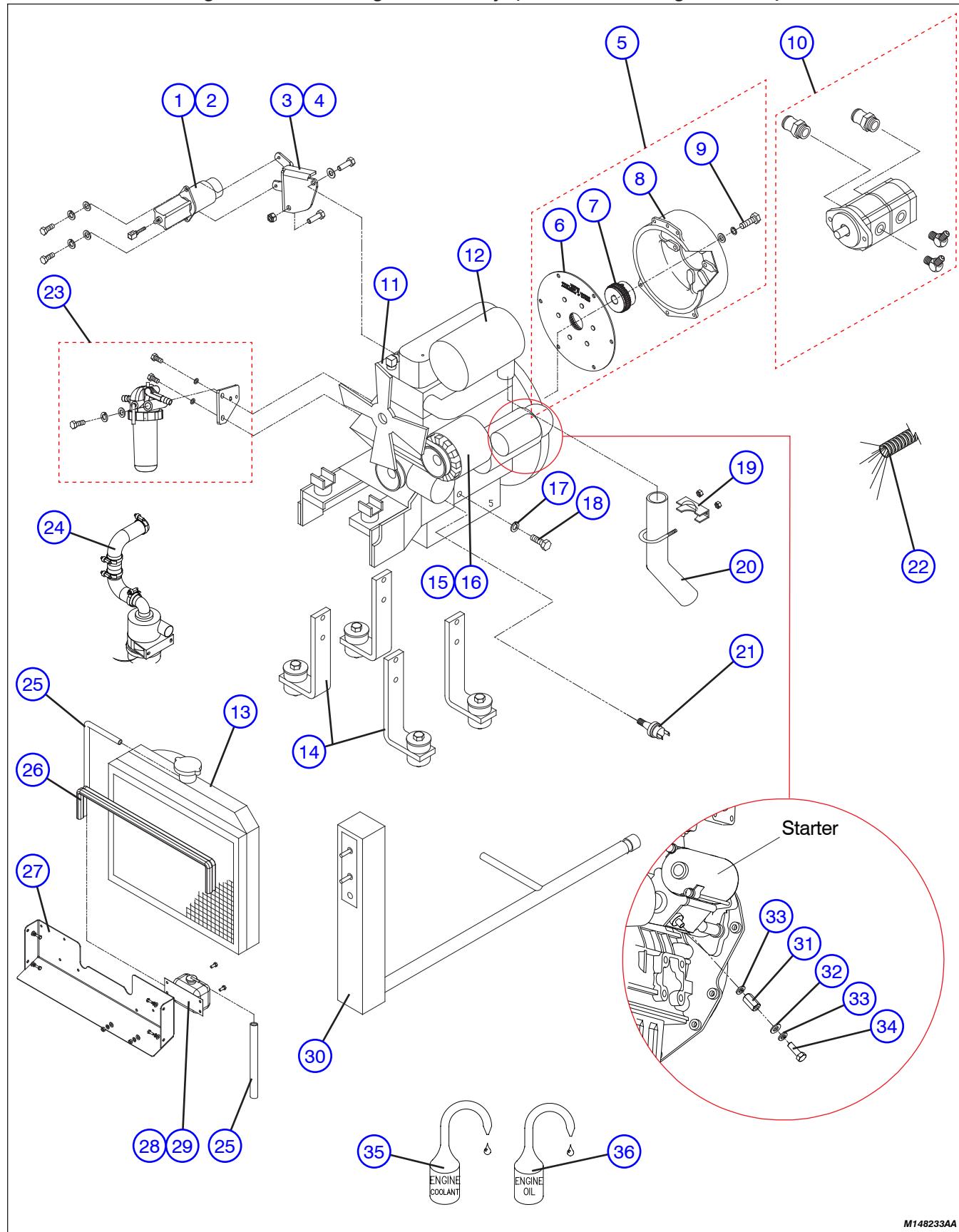


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**Figure 6.2 Engine Control Panel**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	-	-	DUAL FUEL ENGINE ELECTRICAL ASSEMBLY ( <b>GM</b> )
<b>B</b>	-	-	DIESEL FUEL ENGINE ELECTRICAL ASSEMBLY ( <b>Kubota</b> )
1	141840	1	PANEL, Engine control front
2	132883	1	TIMER, Glow plug (Not shown) <b>B</b>
3	124446	1	SWITCH, Off/On/Start toggle
4	115574	1	SWITCH, Toggle <b>A</b>
	102853	1	SWITCH, Toggle <b>B</b>
5	133133	1	LIGHT, Check engine indicator <b>A</b>
	132884	1	LIGHT, Indicator glow plug <b>B</b>
6	141838	1	COVER, Engine control panel rear
7	117398	4	TRIM, Protective
8	-	-	PANEL ASSEMBLY HARDWARE <ul style="list-style-type: none"> <li>• SCREW, Machine (#10-32 x 0.5")</li> <li>• WASHER, Lock (#10)</li> <li>• WASHER, Flat (#10)</li> <li>• BOLT, Hex head (1/4"-20 x 5/8") <b>B</b></li> <li>• BOLT, Hex head (1/4"-20 x 3/8") <b>B</b></li> <li>• WASHER, Lock (1/4")</li> <li>• BOLT, Hex head (1/4"-20 x 1/2") <b>A</b></li> <li>• WASHER, Flat (1/4") <b>A</b></li> </ul>
9	127035	1	RELAY (12 Volt, 40A) <b>B</b>
10	-	-	HARDWARE, Relay
	124031	1	• SCREW, Machine flat head (#10-32 x 0.625")
	104185	1	• WASHER, Lock (#10)
	104003	1	• NUT, Machine (#10-32 Grade 5) <b>B</b>
11	(Ref.)	-	HARNESS, Engine wiring <p style="color: blue;">(For components, refer to Figure 6.5) (<b>Kubota engines</b>)</p> <p style="color: blue;">(For components, refer to Figure 6.10) (<b>GM engines</b>)</p>
L	(Ref.)	-	LABEL, Engine control panel (Refer to Figure 8.3)

**Figure 6.3 Diesel Engine Assembly (Kubota Diesel Engine D1305)**



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**Figure 6.3 Diesel Engine Assembly (Kubota Diesel Engine D1305)**

Index No.	Skyjack Part No.	Qty.	Description
1	106370	1	KIT, Throttle solenoid
	127150	1	<ul style="list-style-type: none"> <li>• SOLENOID, Throttle</li> </ul>
2	-	-	HARDWARE, Solenoid
	104000	2	<ul style="list-style-type: none"> <li>• WASHER, Lock (1/4)</li> </ul>
	103995	2	<ul style="list-style-type: none"> <li>• WASHER, Flat (1/4)</li> </ul>
	103856	2	<ul style="list-style-type: none"> <li>• BOLT, Hex head (1/4 - 20 x 0.75, Grade 5)</li> </ul>
3	112769	1	PLATE, Mount solenoid
4	-	-	HARDWARE, Mount solenoid plate
	103984	1	<ul style="list-style-type: none"> <li>• NUT, Lock hex (5/16-18, Grade B)</li> </ul>
	103996	1	<ul style="list-style-type: none"> <li>• WASHER, Flat (5/16)</li> </ul>
	103864	1	<ul style="list-style-type: none"> <li>• BOLT, Hex head (5/16 – 18 x 1, Grad E)</li> </ul>
	116218	1	<ul style="list-style-type: none"> <li>• WASHER, Lock (M8)</li> </ul>
	133174	1	<ul style="list-style-type: none"> <li>• BOLT, Hex head (M8 X 1.25 X 20mm grade 5 ZP)</li> </ul>
5	147631	1	BELL HOUSING ASSEMBLY
6	147733	1	<ul style="list-style-type: none"> <li>• FLANGE, Nylon flywheel</li> </ul>
7	147732	1	<ul style="list-style-type: none"> <li>• HUB, Pump coupling</li> </ul>
8	147731	1	<ul style="list-style-type: none"> <li>• HOUSING, Bell</li> </ul>
9	147734	1	<ul style="list-style-type: none"> <li>• KIT, Hardware</li> </ul>
10	(Ref.)	-	<p>HYDRAULIC PUMP AND FITTING ASSEMBLY  <span style="color: blue;">(For components, refer to Figure 6.7)</span></p>
11	147124	1	ENGINE, Kubota diesel (D1305-E3B-SJC-1)
	147130	1	<ul style="list-style-type: none"> <li>• FILTER, Oil</li> </ul>
	147125	1	<ul style="list-style-type: none"> <li>• STARTER, 12V, 1.2KW</li> </ul>
	137138	1	<ul style="list-style-type: none"> <li>• ALTERNATOR, 12V, 40A</li> </ul>
	137139	1	<ul style="list-style-type: none"> <li>• BRACKET, Alternator</li> </ul>
	137140	1	<ul style="list-style-type: none"> <li>• GUARD, Alternator</li> </ul>
	147238	3	<ul style="list-style-type: none"> <li>• GLOW PLUG</li> </ul>
	147131	1	<ul style="list-style-type: none"> <li>• SOLENOID, Stop</li> </ul>
	137143	1	<ul style="list-style-type: none"> <li>• PUMP, Water</li> </ul>
	137144	1	<ul style="list-style-type: none"> <li>• THERMOSTAT</li> </ul>
	137145	1	<ul style="list-style-type: none"> <li>• FAN, Cooling</li> </ul>
	147126	1	<ul style="list-style-type: none"> <li>• BELT, Fan</li> </ul>
	137147	1	<ul style="list-style-type: none"> <li>• PUMP, Fuel transfer</li> </ul>
	147127	1	<ul style="list-style-type: none"> <li>• GAUGE, Oil (dipstick)</li> </ul>
	113400	1	<ul style="list-style-type: none"> <li>• SWITCH, Water temp</li> </ul>
	147129	1	<ul style="list-style-type: none"> <li>• PUMP, High pressure fuel injection</li> </ul>
	147242	1	<ul style="list-style-type: none"> <li>• KIT, Shiploose</li> </ul>
12	(Ref.)	-	<p>EXHAUST MANIFOLD ASSEMBLY  <span style="color: blue;">(For components, refer to Figure 6.8)</span></p>

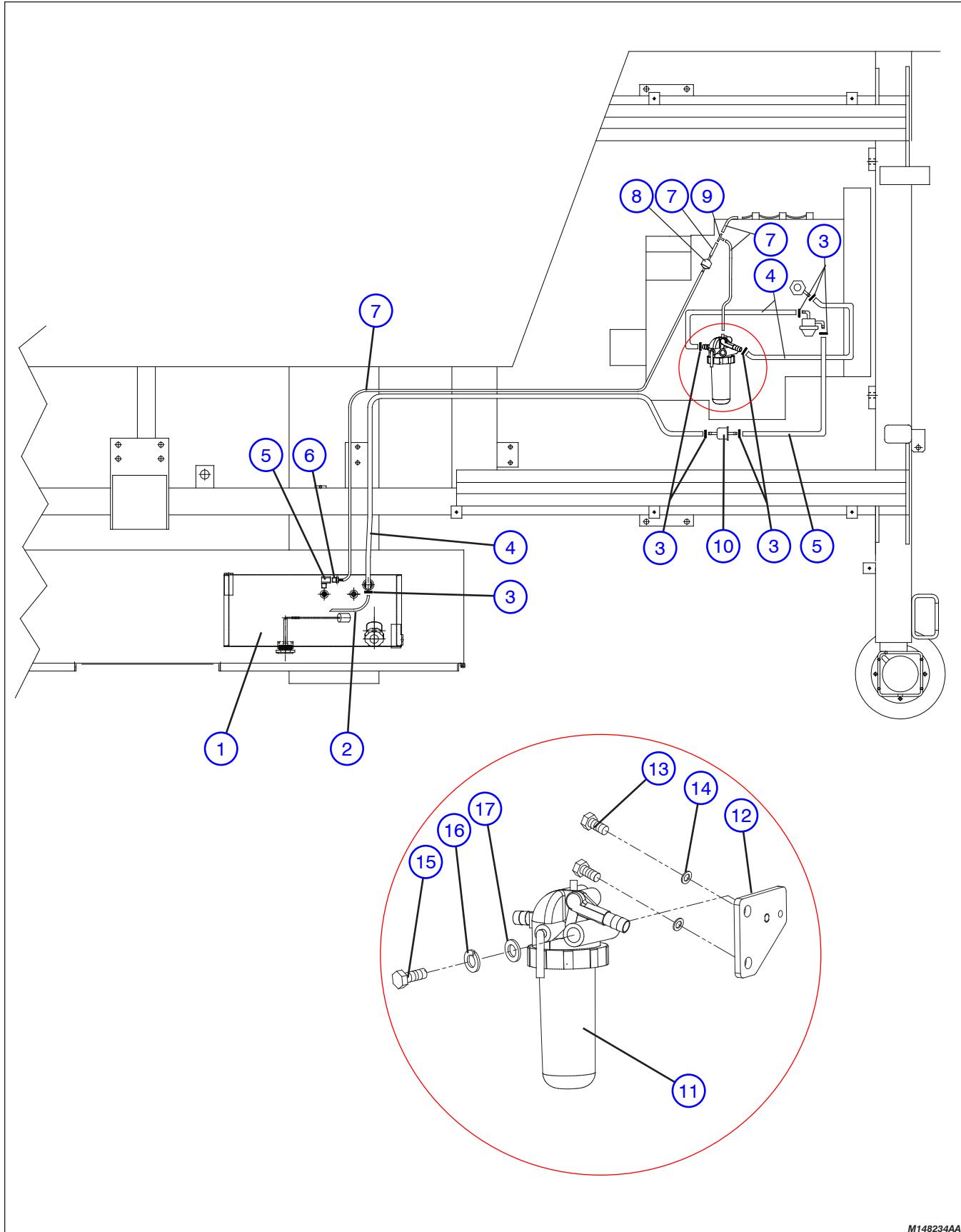
**Figure 6.3 Diesel Engine Assembly (Kubota Diesel Engine D1305) (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
13	147243 147253 132892 147254 147255 132895 132896 132897 132898 132899 132900 132901 132902 132903 132904 132905 132906 147256 132908 132909 132910 132911	1 1 1 1 1 4 2 4 2 2 1 1 1 1 1 2 2 1 1 4 4 4 4 8	<ul style="list-style-type: none"> <li>• RADIATOR ASSEMBLY</li> <li>• • RADIATOR</li> <li>• • LABEL</li> <li>• • HOSE, Water lower</li> <li>• • HOSE, Water upper</li> <li>• • CLAMP, Hose</li> <li>• • BOLT</li> <li>• • WASHER</li> <li>• • CUSHION, Radiator</li> <li>• • CUSHION, Radiator</li> <li>• • SNAP PIN</li> <li>• • SUPPORT, Radiator</li> <li>• • SUPPORT, Radiator</li> <li>• • STAY, Radiator</li> <li>• • STAY, Radiator</li> <li>• • BOLT, Exhaust manifold</li> <li>• • PACKING</li> <li>• • COVER, Fan</li> <li>• • BOLT</li> <li>• • NUT</li> <li>• • WASHER, Spring</li> <li>• • WASHER, Plain</li> </ul>
14	-	-	ENGINE MOUNT ASSEMBLY
	133797 147634 108818 128352 103470	4 4 4 4 4	<ul style="list-style-type: none"> <li>• BRACKET, Engine mount</li> <li>• MOUNT, Engine vibration control</li> <li>• BOLT, Hex head (1/2"-13 x 2.75", Grade 5)</li> <li>• WASHER, Flat (1/2", style BB)</li> <li>• WASHER, Lock (1/2", Grade 5)</li> </ul>
15	132887	1	ALTERNATOR COUPLER ASSEMBLY
16	132888	1	ALTERNATOR TERMINAL ASSEMBLY
17	114720	4	BOLT, Hex head (M10 -1.25 x 30)
18	127607	4	WASHER, Lock (M10)
19	136969	1	CLAMP, Exhaust
20	136951	1	PIPE, Exhaust
21	102838	1	SWITCH, Oil pressure
22	(Ref.)	1	HARNESS, Engine wiring <i>(For components, refer to Figure 6.5)</i>
23	(Ref.)	1	FUEL LINE AND FILTER ASSEMBLY <i>(For components, refer to Figure 6.4)</i>
24	(Ref.)	1	AIR INTAKE ASSEMBLY <i>(For components, refer to Figure 6.6)</i>
25	102984	73"	FUEL LINE, (5/16")
			<b>Parts list continued on the next page.</b>

**Figure 6.3 Diesel Engine Assembly (Kubota Diesel Engine D1305) (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
26	(Ref.)	-	TRIM, Rubber (Refer to Figure 6.1)
27	(Ref.)	-	BRACKET, Engine dam plate (For components, refer to Figure 6.1)
28	147142	1	RESERVOIR, Coolant
29	-	-	HARDWARE, Coolant reservoir
	103887	2	• BOLT, Hex head (5/16-18 x 0.75, Grade 5)
	103996	2	• WASHER, Flat (5/16)
	100397	2	• NUT, Hex head (5/16-18 Grade 5)
	103404	2	• WASHER, Lock (5/16)
30	(Ref.)	-	PANEL, Engine control post (For components, refer to Figure 6.2)
31	134372	1	NUT, Coupling (M8 x 1.25 x 24mm)
32	127940	1	WASHER, Flat (M8 Zinc PL)
33	116218	2	WASHER, Lock (M8)
34	133174	1	BOLT, Hex head cap screw (M8-1.25 x 20mm)
35	(Ref.)	-	OIL, Engine (Refer to Table 1.1)
36	(Ref.)	-	SOLUTION, Engine coolant (antifreeze) (Refer to Table 1.1)

**Figure 6.4 Diesel Fuel System (Kubota Diesel Engine D1305)**

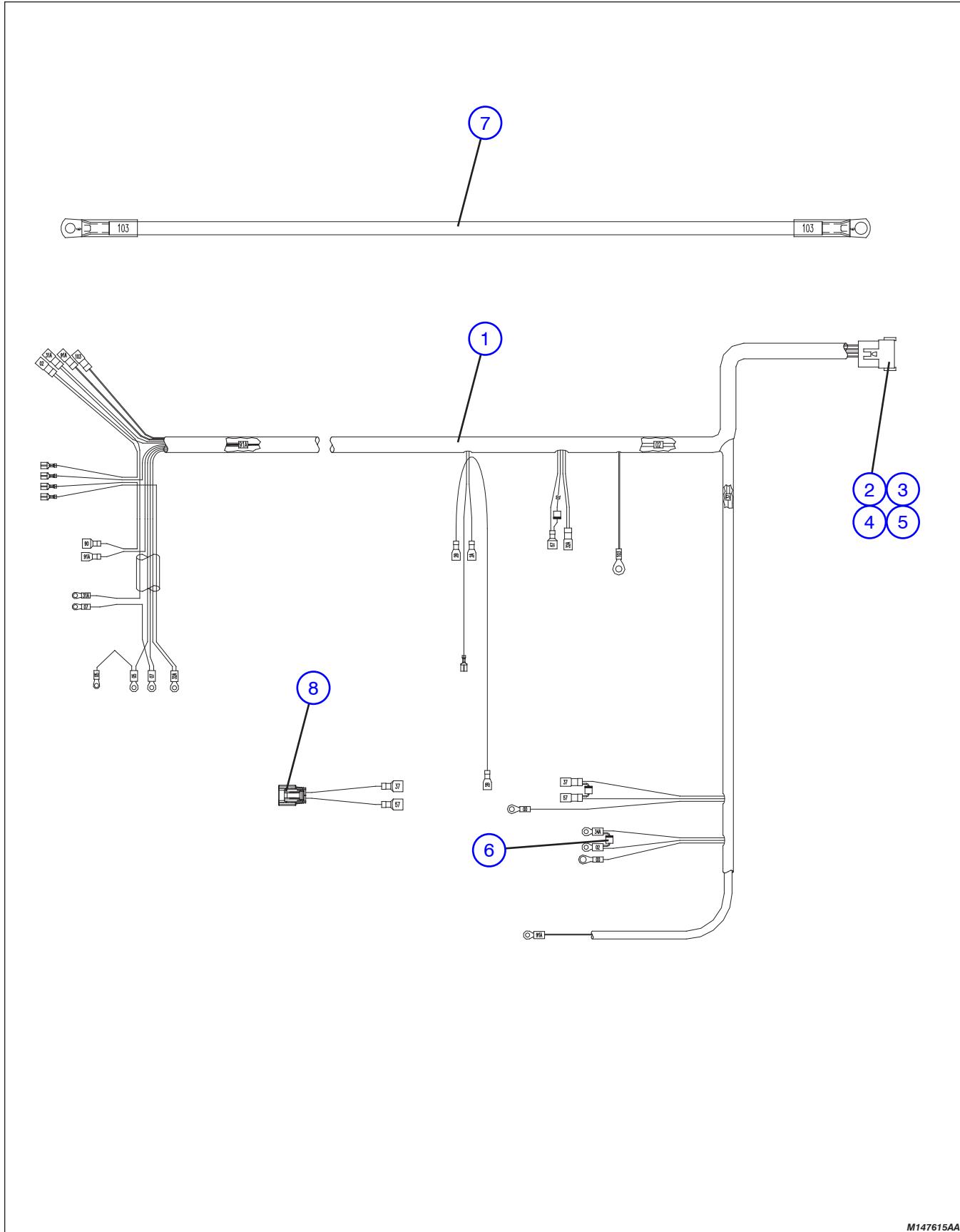


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**Figure 6.4 Diesel Fuel System (Kubota Diesel Engine D1305)**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	FUEL TANK ASSEMBLY (For components, refer to Figure 4.3)
2	101452	1	TUBING, Fuel line (5/16" OD x 20)
3	103321	8	CLAMP, Gear (#4)
4	102984	269"	HOSE, Fuel tank to fuel filter
5	(Ref.)	-	FITTING, Elbow (90°) (For components, refer to Figure 4.3)
6	103176	1	CONNECTOR, Hose reduce
7	102660	228"	HOSE, Fuel return line
8	147250	1	CHECK VALVE
9	147249	1	FITTING, Tee
10	139254	1	FILTER, Pre-fuel
11	147247	1	FILTER, Fuel
	147248	1	• ELEMENT, Fuel filter
12	147321	1	• BRACKET, Fuel filter
13	103848	2	• BOLT, Hex head cap screw (M10 - 1.25 x 20mm, Grade 8.8)
14	127607	2	• WASHER, Lock (M10)
15	103884	1	• BOLT, Hex head cap screw (5/16"-18 x 2.5, Grade 5)
16	104637	1	• WASHER, Lock (5/16" - 0.09 high collar)
17	103996	1	• WASHER, Flat (5/16" S.A.E.)

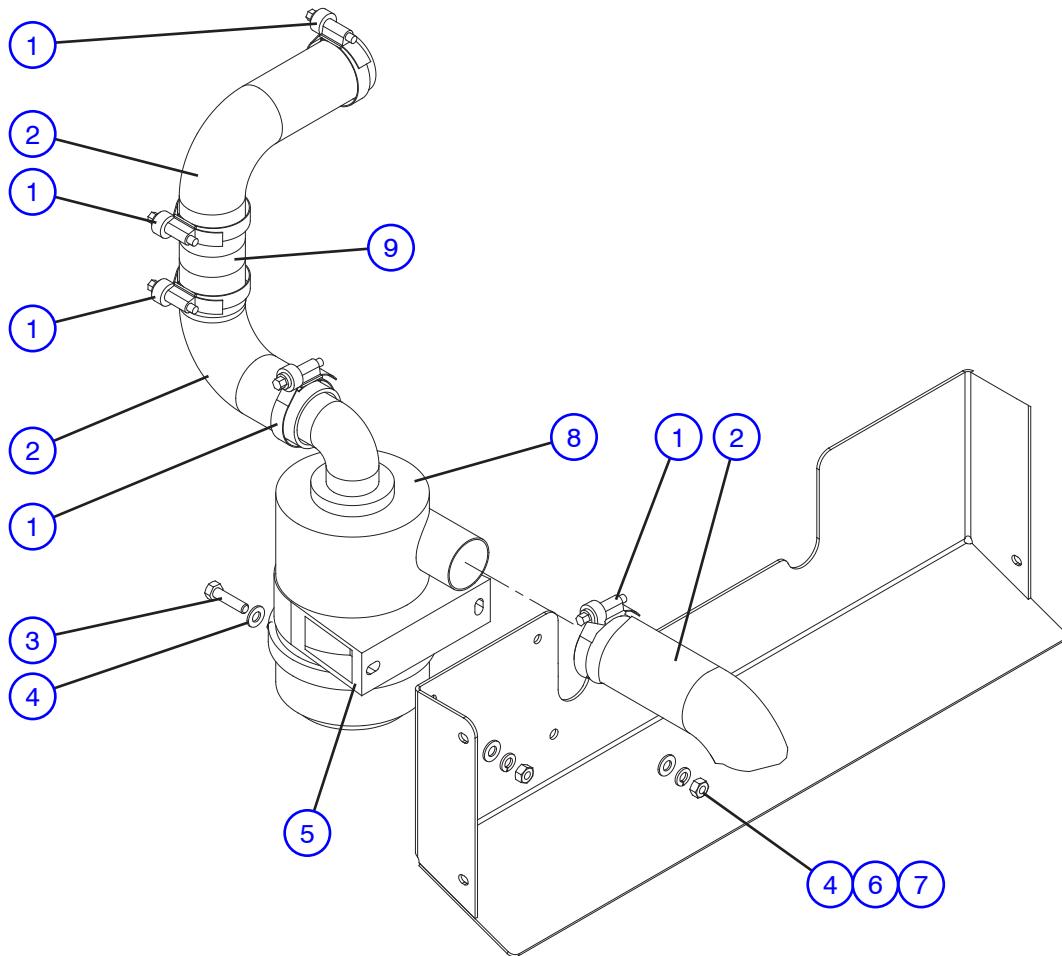
**Figure 6.5 Kubota Diesel Fuel Engine Harness**



**Figure 6.5 Kubota Diesel Fuel Engine Harness**

Index No.	Skyjack Part No.	Qty.	Description
<a href="#">1</a>	147615	-	HARNESS, Engine wiring
<a href="#">2</a>	117586	1	• CONNECTOR, Receptacle (12 Pin)
<a href="#">3</a>	117588	1	• CONNECTOR, Receptacle (12 Pin, wedge)
<a href="#">4</a>	117592	8	• CONNECTOR, Contact pin (14-16)
<a href="#">5</a>	117594	4	• CONNECTOR, Sealing plug
<a href="#">6</a>	102921	3	• DIODE
<a href="#">7</a>	123413	1	WELDING CABLE, #6GA 1/4*20"**5/16 (103,103)
<a href="#">8</a>	130910	1	HARNESS, Shutdown solenoid
	130906	1	• KIT, Connector assembly

**Figure 6.6 Air Intake Assembly (Kubota Diesel Engine D1305)**



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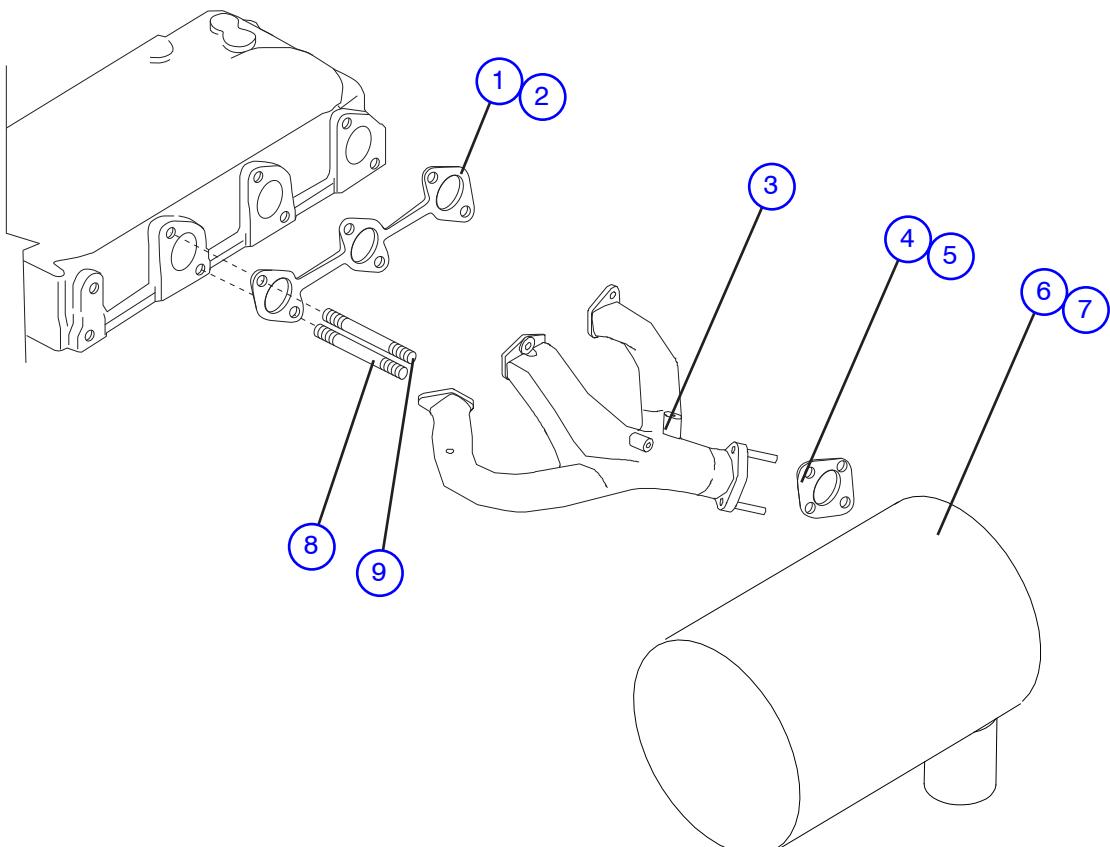
Index No.	Skyjack Part No.	Qty.	Description
-	147322	-	AIR INTAKE ASSEMBLY
1	133222	5	• CLAMP, Gear (#32, 2")
2	116147	3	• HOSE, Rubber
3	112532	2	• BOLT, Hex head (5/16"-18 x 1.25", Grade 5)
4	103996	4	• WASHER, Flat (5/16")
5	128602	1	• BRACKET, Air cleaner
6	103004	2	• WASHER, Lock (5/16")
7	100397	2	• NUT, Hex head (5/16"-18, Grade 8)
8	128601	1	• CLEANER, Air
	132913	1	• ELEMENT, Air filter
9	141506	1	• TUBE

**Figure 6.7 Hydraulic Pump Assembly**

M10341AA

Index No.	Skyjack Part No.	Qty.	Description
1	110460	1	PUMP, Dual hydraulic (.488/.854)
2	114325	2	FITTING, Suction pump
3	103472	2	WASHER, Flat (3/8")
4	103999	2	WASHER, Lock (3/8")
5	103870	2	BOLT, Hex head (3/8"-16 x 1.5", Grade 5)
6	120054	2	FITTING, O-ring (37 45 10-8 SAE)

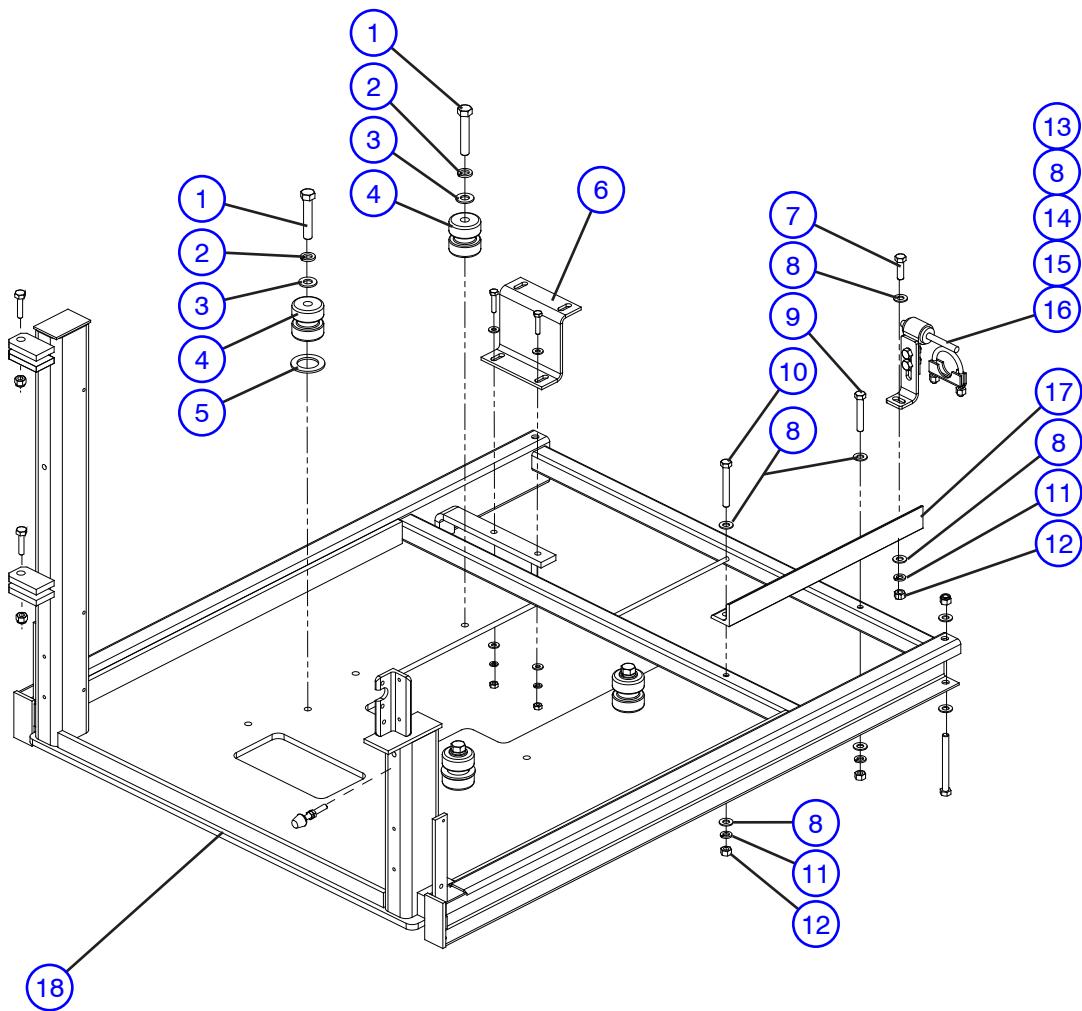
**Figure 6.8 Exhaust Manifold Assembly (Kubota Diesel Engine D1305)**



M147128AA

Index No.	Skyjack Part No.	Qty.	Description
-	147128	1	EXHAUST MANIFOLD ASSEMBLY
1	146678	1	• GASKET, Exhaust manifold
2	146688	6	• NUT, Flanged (M7-)
3	147241	1	• MANIFOLD, Exhaust
4	147240	1	• GASKET, Exhaust to manifold
5	133667	4	• BOLT, Hex head (M8-1.25 x 30mm)
6	136039	1	• MUFFLER, Kubota diesel
7	139447	1	• PURIFIER, Kubota diesel muffler (if equipped)
8	146687	4	• BOLT, Head flanged (M6-1 x 12mm)
9	146679	3	• STUD (M7-1 x 112mm)
	146680	3	• STUD (M7-1 x 1.00 x 90mm)

**Figure 6.9 Engine Roll Out Accessories (GM Dual Fuel Engine)**

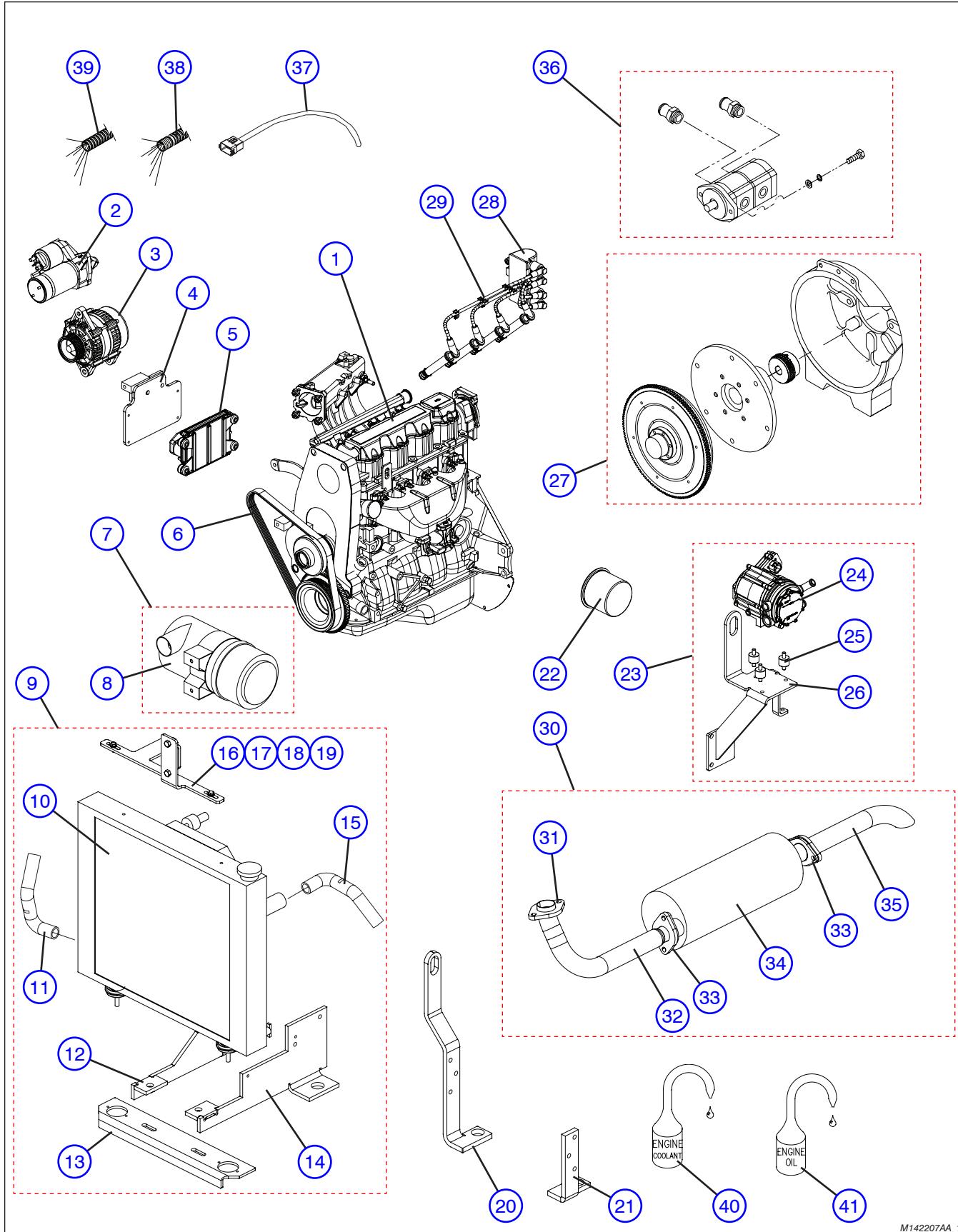


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**Figure 6.9 Engine Roll Out Accessories (GM Dual Fuel Engine)**

Index No.	Skyjack Part No.	Qty.	Description
1	108818	4	BOLT, Hex head (1/2"-13 x 2.75", Grade 5)
2	103470	4	WASHER, Lock (1/2", Grade 5)
3	103468	4	WASHER, Flat (1/2")
4	147634	4	MOUNT, Engine vibration control
5	101520	2	WASHER, Flat nylon (1.28" ID x 2" OD x 0.12")
6	(Ref.)	-	BRACKET, E-chain  (For components, refer to Figure 6.1)
7	101297	1	BOLT, Hex head (0.375-16 x 1.25 grade 5)
8	103472	AR	WASHER, Flat (0.375)
9	103872	1	BOLT, Hex head (0.375-16 x 2.25 grade 5)
10	103874	1	BOLT, Hex head (0.375-16 x 2.75 grade 5)
11	103999	3	WASHER, Lock (0.375)
12	103978	3	NUT, Hex head (0.375-16 grade 5)
13	143617	1	WELDMENT, Exhaust hanger
14	142243	1	BRACKET
15	112601	2	NUT, Hex flange lock (3/8"-16)
16	300437	2	BOLT, Hex head (3/8"-16 x 7/8", Grade 5)
17	142420	1	SUPPORT, Exhaust tube
18	(Ref.)	-	ENGINE ROLL-OUT TRAY ASSEMBLY  (For components, refer to Figure 6.1)

**Figure 6.10 Dual Fuel Engine Assembly (GM Dual Fuel Engine)**



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**Figure 6.10 Dual Fuel Engine Assembly (GM Dual Fuel Engine)**

Index No.	Skyjack Part No.	Qty.	Description
1	142230	1	ENGINE ASSEMBLY
	142315	1	• SENSOR , Precat
	103473	AR	• BOLT, Head (3/8"-16 x 1", grade 5)
	103999	AR	• WASHER, Lock (3/8")
	142377	1	• FAN, Puller (16")
	143520	1	• MIXER, Cert 60 series (with fitting)
	143521	1	• ENGINE BLOCK (1.6 L)
	143522	1	• THERMOSTAT
	143524	1	• THROTTLE BODY, Bosch (40 mm)
	143525	1	• RAIL, FUEL & INJECTOR ASSEMBLY
	143528	1	• TIMING BELT
	143530	1	• SENSOR, Crankshaft position
	143535	4	• SPARK PLUG
	143537	1	• DIPSTICK OIL
	143738	1	• PUMP, Oil
	143523	1	• PUMP, Water
	143827	1	• SENSOR, LPG temperature
	143743	1	• SENSOR, Coolant temperature
	143803	1	• SWITCH, Oil pressure
	143518	1	• SENSOR, T map
2	142308	1	• STARTER
3	142309	1	• ALTERNATOR
4	142351	1	• BRACKET, Alternator & ECU mount
5	146085	1	• ECU
6	142376	1	• BELT, Fan (Poly-6V 39)
7	142234	1	• AIR INTAKE ASSEMBLY (1.6L GM)
8	142305	1	• • AIR FILTER ASSEMBLY
	142330	1	• • • ELEMENT, Air filter primary
	142352	1	• • • ELEMENT, Air filter safety
	142335	1	• • ELBOW, Plastic (with clamp)
	142336	1	• • ELBOW, Steel air intake
	133222	4	• • CLAMP, Gear (#32)
	142337	2	• • CONNECTOR, Rubber
	142338	1	• • HOSE (Crankcase vent)
	142359	1	• • CLAMP, Gear (#10)
	102854	1	• • CLAMP, Gear (#12)
	103864	2	• • BOLT, Head (5/16"-18 x 1)
	300122	4	• • WASHER, (5/16")
	103404	2	• • WASHER, Lock (5/16")
	123012	2	• • NUT, (5/16"-18)

**Parts list continued on the following page.**

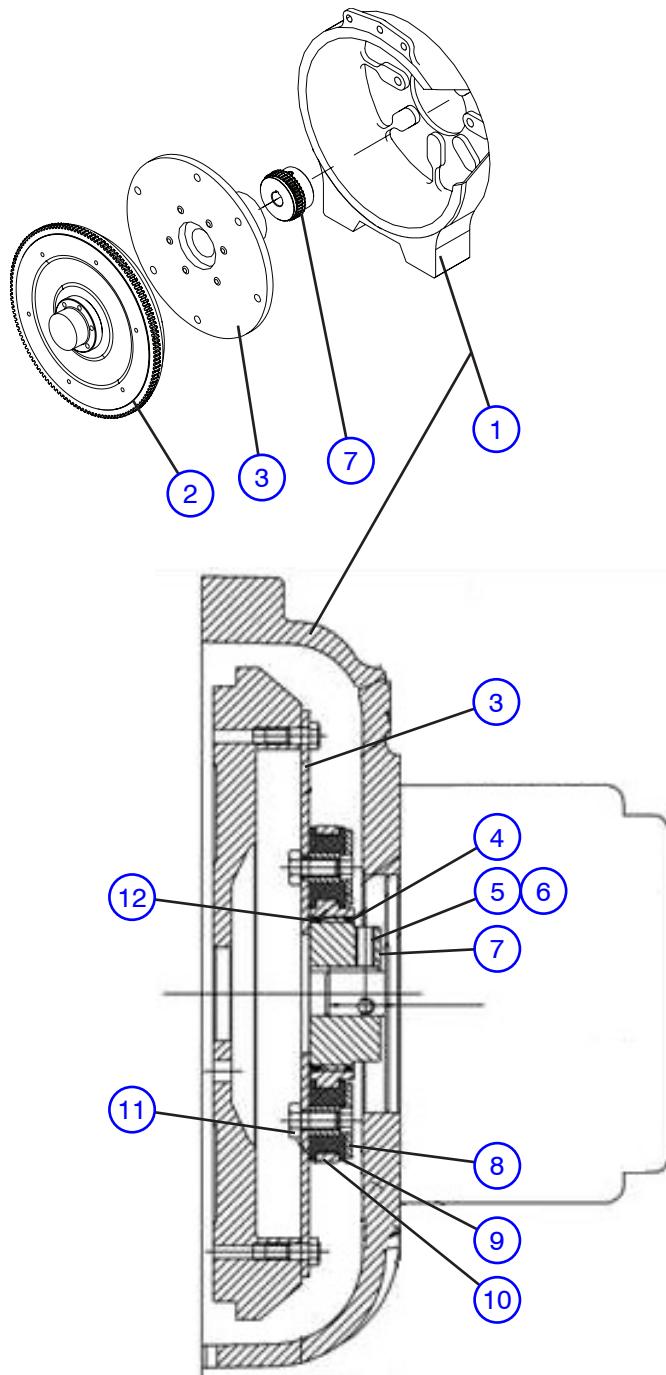
**Figure 6.10 Dual Fuel Engine Assembly (GM Dual Fuel Engine) (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
9	142233 104528 142415 142359 142322 142323 142326 141769 143596 115745	1 2 4 4 2 1 1 1 1 4	<ul style="list-style-type: none"> <li>• RADIATOR ASSEMBLY (1.6L GM)</li> <li>• CLAMP, Gear (#28)</li> <li>• CLAMP, Gear (#20, 1.25")</li> <li>• CLAMP, Gear (#10)</li> <li>• ISOLATOR (Under radiator)</li> <li>• ISOLATOR (Radiator mount to engine)</li> <li>• RESERVOIR, Coolant</li> <li>• SPACER (Radiator upper bracket)</li> <li>• DRAIN VALVE ASSEMBLY</li> <li>• BOLT, Head (M10-1.50 x 30, Grade 8.8)</li> </ul>
10	142317	1	• RADIATOR
11	142320	1	• HOSE, Lower
12	141756	1	• BRACKET, Front engine mount (RH)
13	141754	1	• BRACKET, Radiator support
14	141752	1	• BRACKET, Front engine mount (LH)
15	142318	1	• HOSE, Upper
16	141768	1	• BRACKET, Radiator /air cleaner
17	103856	4	• BOLT, (1/4"-20 x 3/4")
18	801305	4	• WASHER, Lock (1/4")
19	103995	4	• WASHER, Flat (1/4")
20	141728	1	• BRACKET, Rear engine mount (RH)
21	141739	1	• BRACKET, Rear engine mount (LH)
22	143538	1	• FILTER, Oil
23	142236 702236 142324 103156 142346 142359 103847 130884	1 1 1 1 1 2 3 3	<ul style="list-style-type: none"> <li>• PROPANE FUEL ASSEMBLY (1.6 L GM)</li> <li>• FITTING, Elbow 90° (1/4" NPT, brass)</li> <li>• VALVE, Lock-off</li> <li>• FITTING, Brass (#48 - 6B)</li> <li>• HOSE (EPR to mixer)</li> <li>• CLAMP, Gear (#10)</li> <li>• BOLT (M10-1.5 x 20mm, Grade 5)</li> <li>• WASHER, Lock (M10)</li> </ul>
24	142340	1	• ELECTRONIC PRESSURE REGULATOR (EPR)
25	142341	3	• ISOLATOR, Rubber
26	141688	1	• BRACKET, Electronic pressure regulator
27	(Ref.)	1	• BELL HOUSING ASSEMBLY  (For components, refer to Figure 6.11)
28	143527	1	• COIL, Ignition
29	143534	1	• WIRES, Ignition
30	142294 142299 300705 103978 103472	1 1 4 4 4	<b>EXHAUST ASSEMBLY</b> <ul style="list-style-type: none"> <li>• SENSOR, O2 post catalyst</li> <li>• BOLT, Hex head cap screw (3/8"-16 x 1.25)</li> <li>• NUT, (3/8"-16)</li> <li>• WASHER, (3/8")</li> </ul>
			<b>Parts list continued on the following page.</b>

**Figure 6.10 Dual Fuel Engine Assembly (GM Dual Fuel Engine) (Continued)**

Index No.	Skyjack Part No.	Qty.	Description
			<b>Parts list continued from the previous page.</b>
31	142296	1	• GASKET (Seal for manifold)
32	142297	1	• PIPE (Exhaust manifold to catalyst)
33	142298	2	• GASKET, Exhaust catalyst
34	143595	1	• MUFFLER, Catalyst
35	146099	1	• PIPE, Exhaust tail
36	(Ref.)	-	HYDRAULIC PUMP ASSEMBLY (For components, refer to Figure 6.7)
37	142394	1	HARNESS, Fuel cabinet
38	142448	1	HARNESS, Engine
39	(Ref.)	-	HARNESS, Engine interface (For components, refer to Figure 6.12)
40	(Ref.)	-	SOLUTION, Engine coolant (extended life - antifreeze) (Refer to Table 1.1)
41	(Ref.)	-	OIL, Engine (Refer to Table 1.1)

**Figure 6.11 Bell Housing Assembly (GM Dual Fuel Engine)**

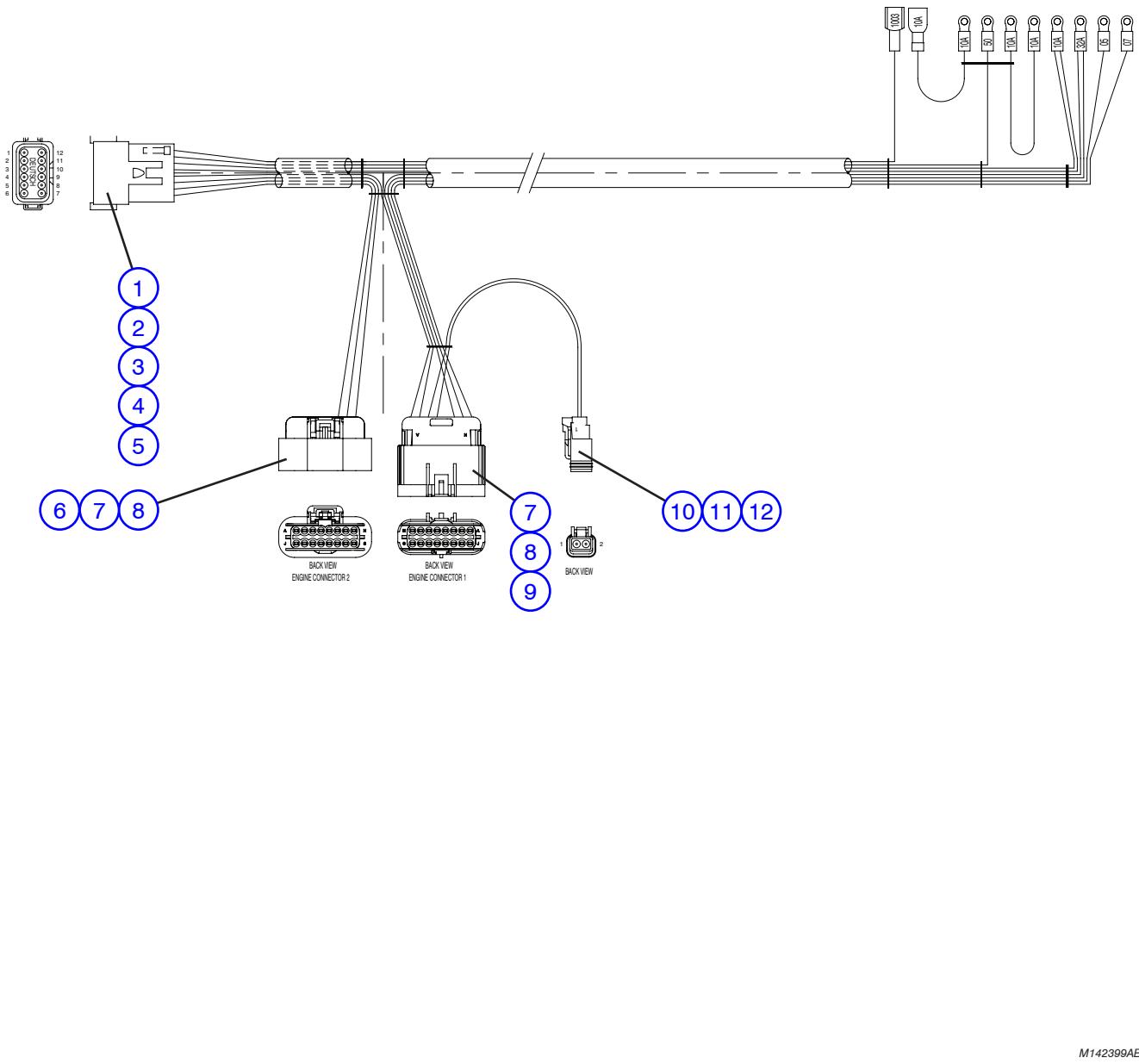


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**Figure 6.11 Bell Housing Assembly (GM Dual Fuel Engine)**

Index No.	Skyjack Part No.	Qty.	Description
-	142232	-	BELL HOUSING ASSEMBLY
1	142423	1	• BELL HOUSING
2	143583	1	• GEAR, Ring
3	143486	1	• PLATE, Flywheel
4	143481	1	• O-RING
5	143488	1	• SCREW, Socket set (5/16"-18 x 5/8")
6	143489	1	• SCREW, Socket set (5/16"-18 x 3/4")
7	143484	1	• HUB, External
8	143483	AR	• BUSHING, Threaded
9	143482	AR	• INSERT, Neoprene
10	143485	1	• HUB, Internal
11	143491	AR	• BOLT, Hex head (5/16"-24 x 5/8")
12	143480	1	• O-RING

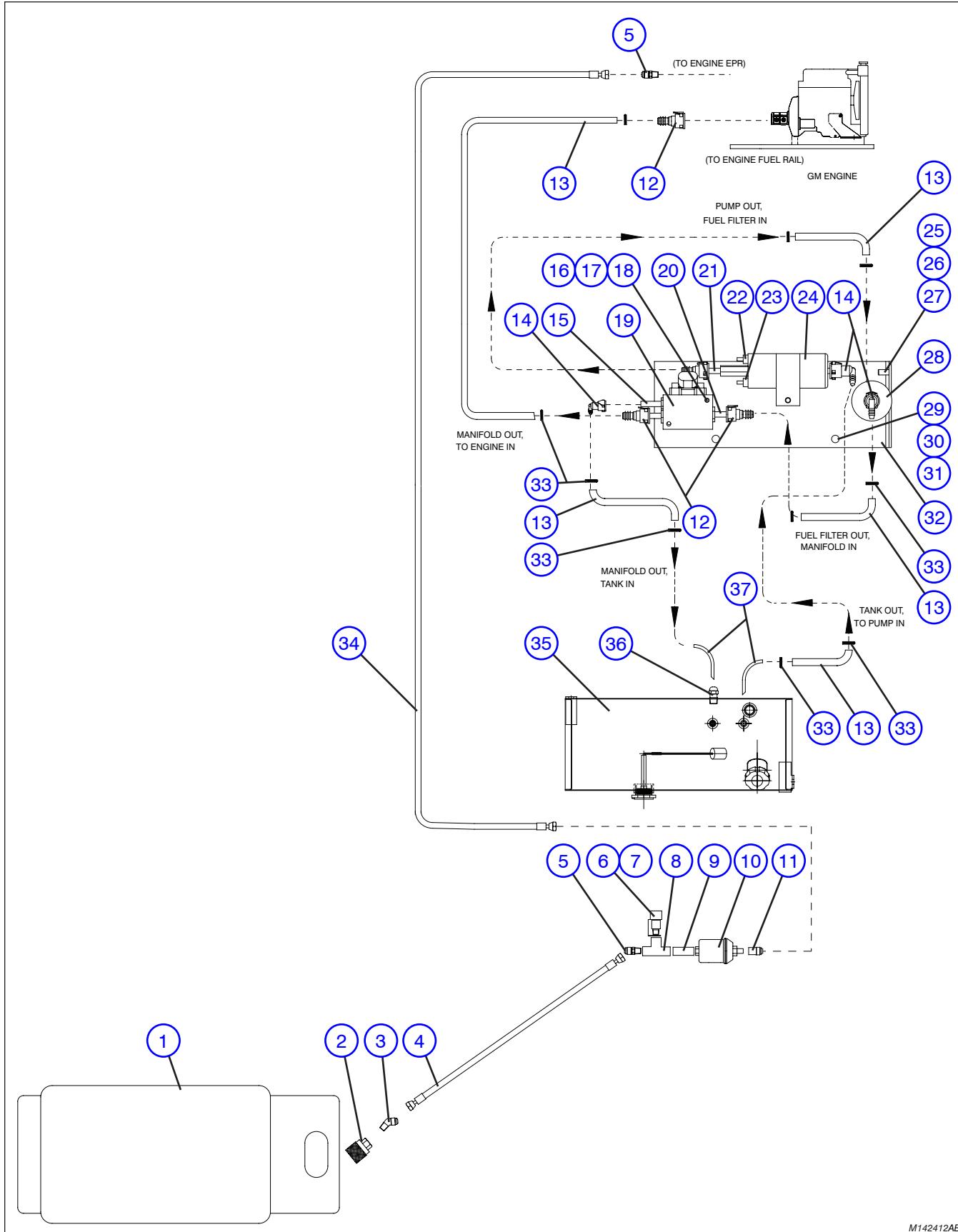
**Figure 6.12 Engine Interface Harness (GM Dual Fuel Engine)**



**Figure 6.12 Engine Interface Harness (GM Dual Fuel Engine)**

Index No.	Skyjack Part No.	Qty.	Description
-	142399	-	HARNESS, Engine interface
1	117586	1	• CONNECTOR, Receptacle (12 Pin)
2	117588	1	• CONNECTOR, Receptacle (12 Pin)
3	117590	AR	• CONNECTOR, Contact pin (16-18)
4	117592	2	• CONNECTOR, Contact pin (14-16)
5	117594	4	• CONNECTOR, Sealing plug
6	142361	1	• HOUSING, Female (150 GT sealed, 16 way)
7	142365	AR	• SEAL, Wire (150 GT series)
8	142366	AR	• PLUG CAVITY (150 GT series)
9	142363	1	• HOUSING, Male (150 GT sealed, 16 way)
10	117597	1	• CONNECTOR, Plug (2 Pin)
11	117599	1	• CONNECTOR, Plug (2 Pin wedge)
12	117591	2	• CONNECTOR, Contact socket (16-18)

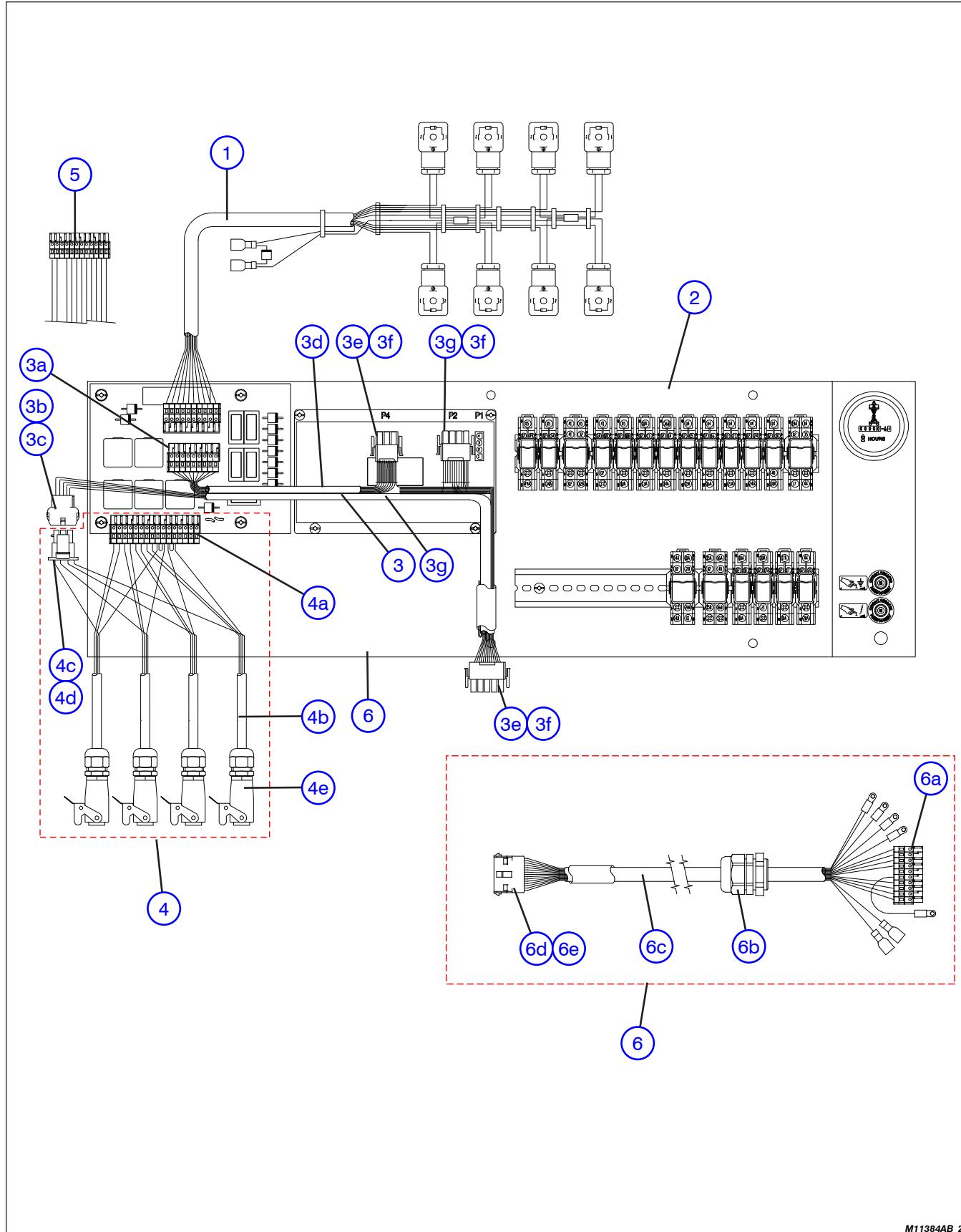
**Figure 6.13 Dual Fuel Hose Assembly (GM Dual Fuel Engine)**



**Figure 6.13 Dual Fuel Hose Assembly (GM Dual Fuel Engine)**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	TANK, Liquid propane (with coupling, 33lbs) <i>(For components, refer to Figure 4.2)</i>
2	103006	1	COUPLING, Quick attach (Female)
3	103159	1	FITTING, Brass (45°)
4	103098	1	HOSE (Tank to filter, 42")
5	103156	AR	FITTING, Straight brass
6	111622	1	CAP, Rain
7	300799	1	VALVE, Relief, propane
8	132919	1	TEE, Female pipe (1/4")
9	143478	1	NIPPLE, Long (1/4"-2)
10	142300	1	FILTER, Liquid propane
11	143477	1	FITTING, 45°-M (3/8" SAE, 1/4 NPT-F)
12	142397	AR	CONNECTOR, Fuel quick straight
13	142405	AR	LINE, Fuel (5/16")
14	142398	4	CONNECTOR, Fuel quick 90°
15	142451	1	FITTING, Fuel manifold (out)
16	103995	2	WASHER, Flat (1/4")
17	104000	2	WASHER, Lock (1/4")
18	103983	2	NUT, Hex (1/4"-20)
19	142303	1	MANIFOLD, Fuel
20	142452	1	FITTING, Fuel manifold (in)
21	142453	1	FITTING, Fuel pump
22	118367	1	NUT (M4)
23	133872	1	NUT, Hex (M5-0.8)
24	142302	1	PUMP, Fuel
25	103472	2	WASHER, Flat (3/8")
26	103999	2	WASHER, Lock (3/8")
27	103978	2	NUT, Hex head (3/8"-16)
28	142301	1	FILTER, Fuel
29	103473	2	BOLT, Hex head (3/8"-16 x 1", Grade 5)
30	103472	2	WASHER, Flat (3/8")
31	112601	2	NUT, Hex head flange (3/8" - 16)
32	142257	1	BRACKET, Fuel
33	103321	AR	CLAMP, Gear (#4)
34	103097	144"	HOSE (LPG)
35	(Ref.)	-	FUEL TANK ASSEMBLY <i>(For components, refer to Figure 4.3)</i>
36	(Ref.)	-	FITTING, Brass (#68-5B) <i>(For components, refer to Figure 4.3)</i>
37	101452	2	TUBE, Hydraulic line (5/16" x 20")

**Figure 7.1 Hydraulic Outrigger - Electrical Panel Connections**

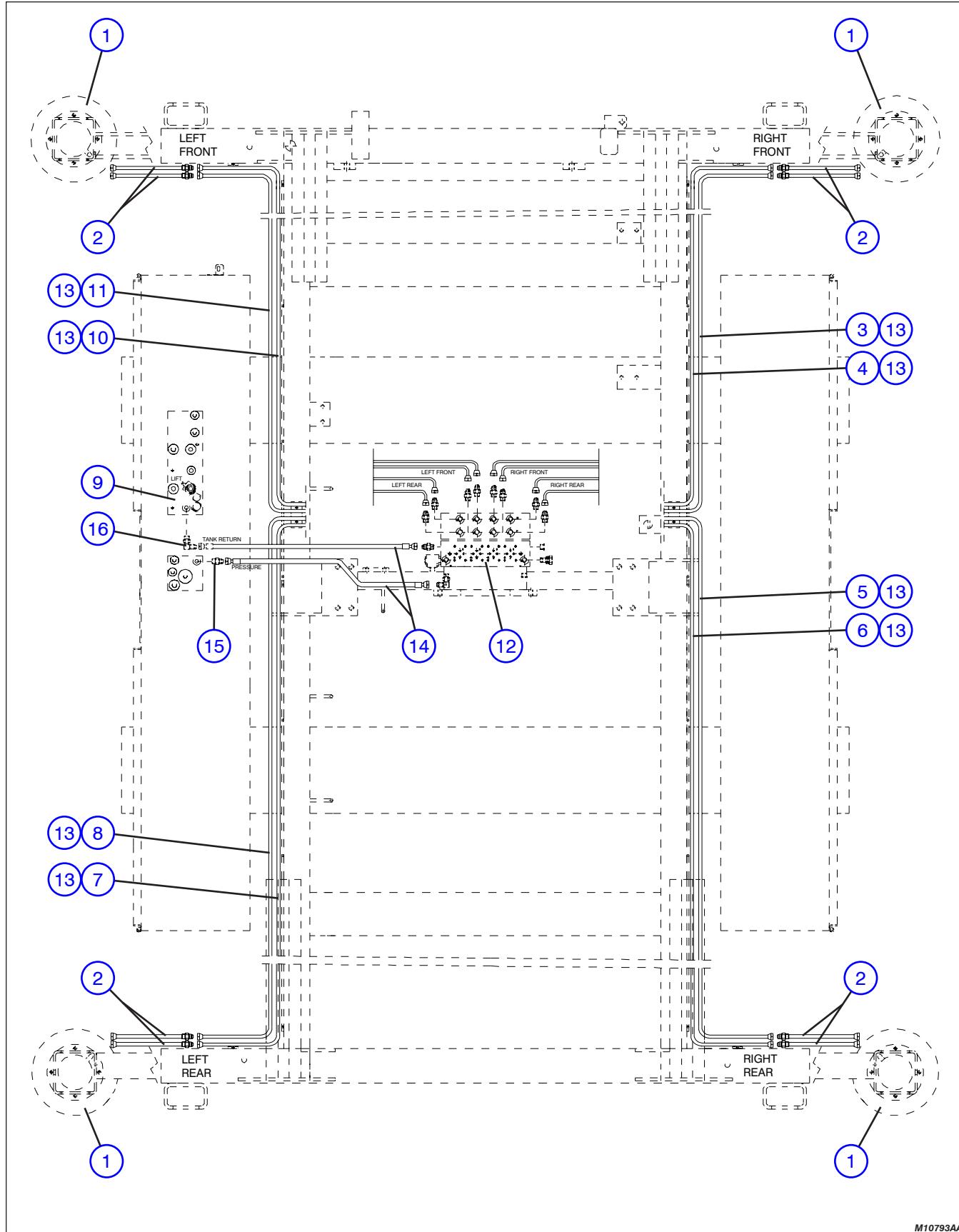


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**Figure 7.1 Hydraulic Outrigger - Electrical Panel Connections**

Index No.	Skyjack Part No.	Qty.	Description
1	129220	1	HARNESS, Outrigger manifold
	102888	132"	<ul style="list-style-type: none"> <li>• CABLE, Control (16/20)</li> </ul>
	119902	1	<ul style="list-style-type: none"> <li>• CONNECTOR, PC board (10 pin plug)</li> </ul>
2	(Ref.)	-	PANEL ASSEMBLY, Base/Control electrical <i>(For components, refer to Figure 4.18)</i>
3	133150	1	HARNESS, Outrigger auto-level control module <b>(ANSI/CSA)</b>
	134306	1	HARNESS, Outrigger auto-level control module <b>(CE)</b>
3a	119901	1	<ul style="list-style-type: none"> <li>• CONNECTOR, PC board (9 pin plug)</li> </ul>
3b	132799	1	<ul style="list-style-type: none"> <li>• HOUSING, Female plug (6-pin)</li> </ul>
3c	116989	5	<ul style="list-style-type: none"> <li>• PIN, Male wire</li> </ul>
3d	102887	16"	<ul style="list-style-type: none"> <li>• CABLE, Control (16/15)</li> </ul>
3e	116993	1	<ul style="list-style-type: none"> <li>• HOUSING, Male plug (9-pin)</li> </ul>
3f	116990	35	<ul style="list-style-type: none"> <li>• PIN, Female wire</li> </ul>
3g	130449	1	<ul style="list-style-type: none"> <li>• HOUSING, Male plug (12-pin)</li> </ul>
3e	116994	1	<ul style="list-style-type: none"> <li>• HOUSING, Male plug (15-pin)</li> </ul>
3g	102888	39"	<ul style="list-style-type: none"> <li>• CABLE, Control (16/10)</li> </ul>
4	129221	-	HARNESS, Auto-level limit switch
4a	119908	1	<ul style="list-style-type: none"> <li>• PC BOARD CONNECTOR, 16 pin</li> </ul>
4b	103255	150"	<ul style="list-style-type: none"> <li>• CABLE, Left rear outrigger</li> </ul>
		204"	<ul style="list-style-type: none"> <li>• CABLE, Right rear outrigger</li> </ul>
		194"	<ul style="list-style-type: none"> <li>• CABLE, Right front outrigger</li> </ul>
		129"	<ul style="list-style-type: none"> <li>• CABLE, Left front outrigger</li> </ul>
4c	130445	1	<ul style="list-style-type: none"> <li>• HOUSING, Male plug (6-pin)</li> </ul>
4d	116990	5	<ul style="list-style-type: none"> <li>• PIN, Female Wire</li> </ul>
4e	107711	4	<ul style="list-style-type: none"> <li>• CONNECTOR ASSEMBLY, Outrigger (Female)</li> </ul>
	103568	1	<ul style="list-style-type: none"> <li>• • HOUSING, Female with strain relief connector</li> </ul>
	132789	1	<ul style="list-style-type: none"> <li>• • • HOUSING</li> </ul>
	132110	1	<ul style="list-style-type: none"> <li>• • • CONNECTOR, Strain relief</li> </ul>
	103570	1	<ul style="list-style-type: none"> <li>• • • INSERT, Female</li> </ul>
5	119904	1	PC BOARD CONNECTOR, Electrical panel (12 pin plug) <b>(Model 9241)</b>
6	148314	1	HARNESS, Outrigger control <b>(Model 9241)</b>
	129222	1	HARNESS, Outrigger control <b>(Model 9250)</b>
6a	119902	1	<ul style="list-style-type: none"> <li>• PLUG, PC Board 10-pin connector</li> </ul>
6b	300788	1	<ul style="list-style-type: none"> <li>• CONNECTOR, Strain relief</li> </ul>
6c	102887	862"	<ul style="list-style-type: none"> <li>• CABLE, Control 16/15 <b>(Model 9241)</b></li> </ul>
		1002"	<ul style="list-style-type: none"> <li>• CABLE, Control 16/15 <b>(Model 9250)</b></li> </ul>
6d	132800	1	<ul style="list-style-type: none"> <li>• HOUSING, 15-pin male plug</li> </ul>
6e	116989	15	<ul style="list-style-type: none"> <li>• PIN, Male wire</li> </ul>

**Figure 7.2 Hydraulic Outrigger Option - Hydraulic Hose Connection**

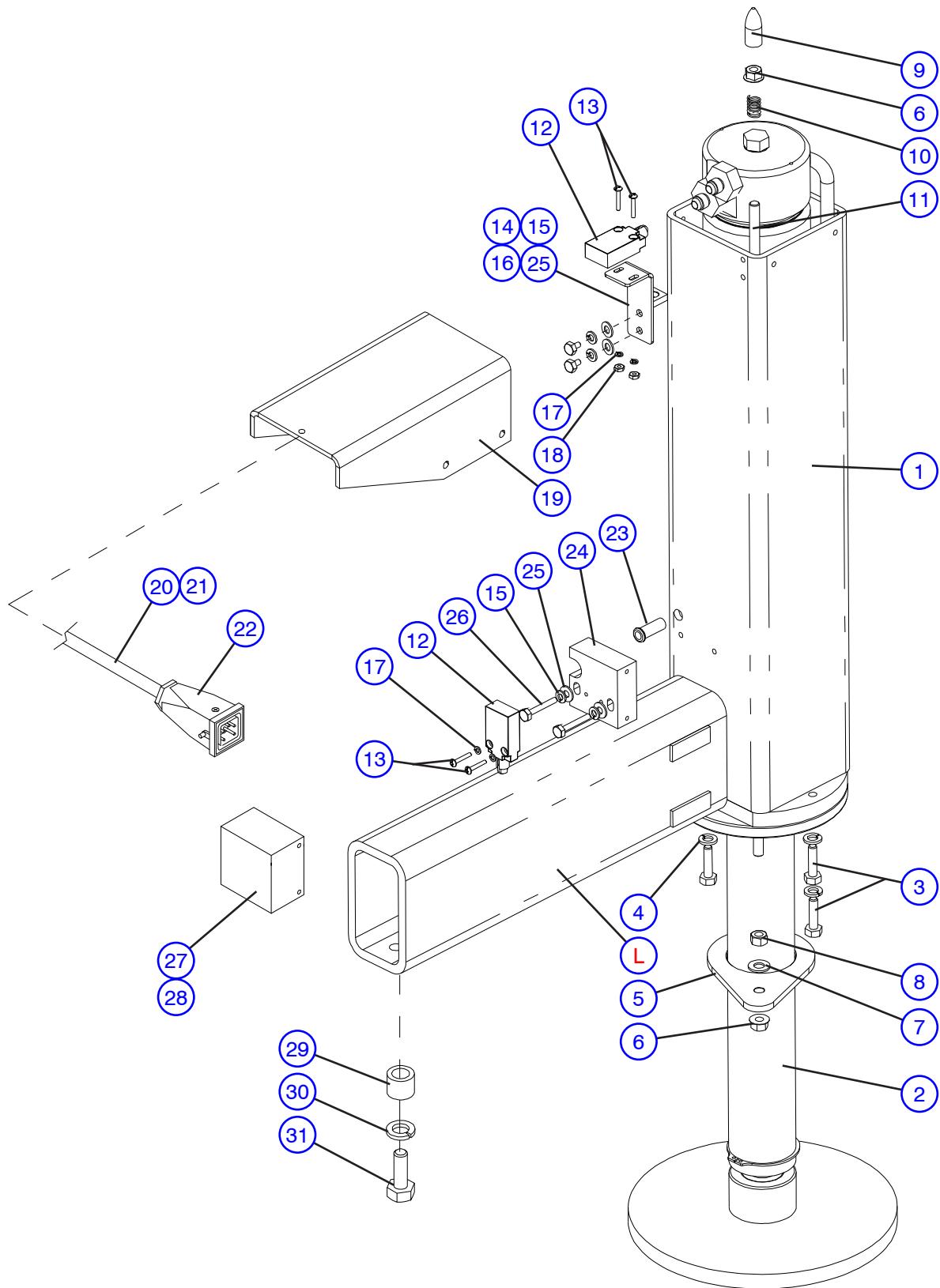


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**Figure 7.2 Hydraulic Outrigger Option - Hydraulic Hose Connection**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	4	OUTRIGGER CYLINDER ASSEMBLY (For components, Refer to Figure 7.4)
2	130843	8	HOSE ASSEMBLY (Outrigger cylinder)
3	116795	1	TUBE ASSEMBLY (Right front retract)
4	116794	1	TUBE ASSEMBLY (Right front extend)
5	116790	1	TUBE ASSEMBLY (Right rear retract)
6	116791	1	TUBE ASSEMBLY (Right rear extend)
7	116788	1	TUBE ASSEMBLY (Left rear extend)
8	116789	1	TUBE ASSEMBLY (Left rear retract)
9	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Figure 4.17)
10	116793	1	TUBE ASSEMBLY (Left front extend)
11	116792	1	TUBE ASSEMBLY (Left front retract)
12	(Ref.)	-	OUTRIGGER MANIFOLD ASSEMBLY (For components, refer to Figure 7.5)
13	102085	AR	CLAMP, Double tube (3/8")
	109127	2	• INSERT, Tube (3/8")
	103858	1	• BOLT, Hex head (1/4"-20 x 1.25")
	103995	1	• WASHER, Flat (1/4")
14	104585	2	HOSE, Supply/Return hydraulic
15	103069	1	FITTING, Straight
16	103073	1	FITTING, Elbow

**Figure 7.3 Hydraulic Outrigger Option - Leg Assembly**

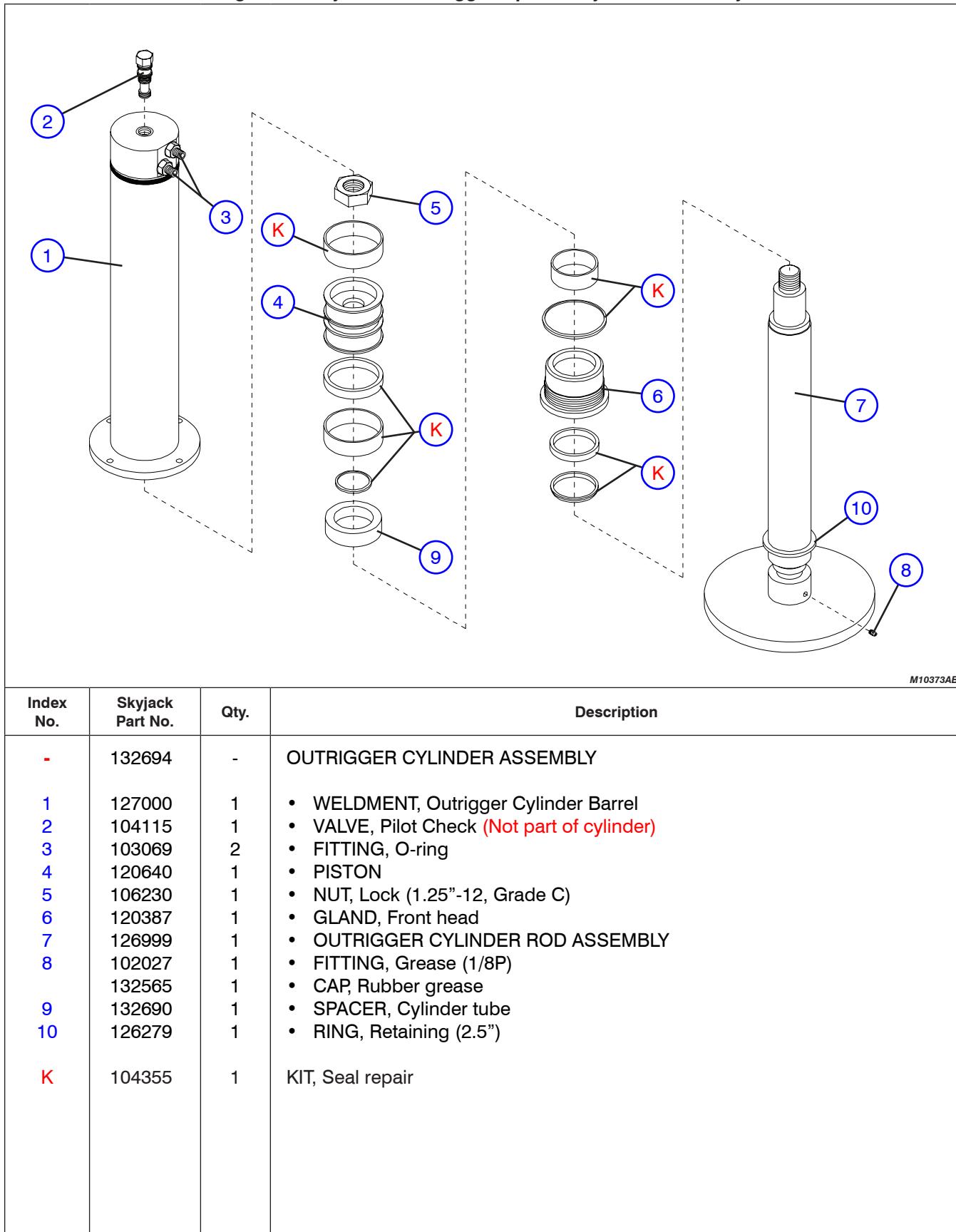


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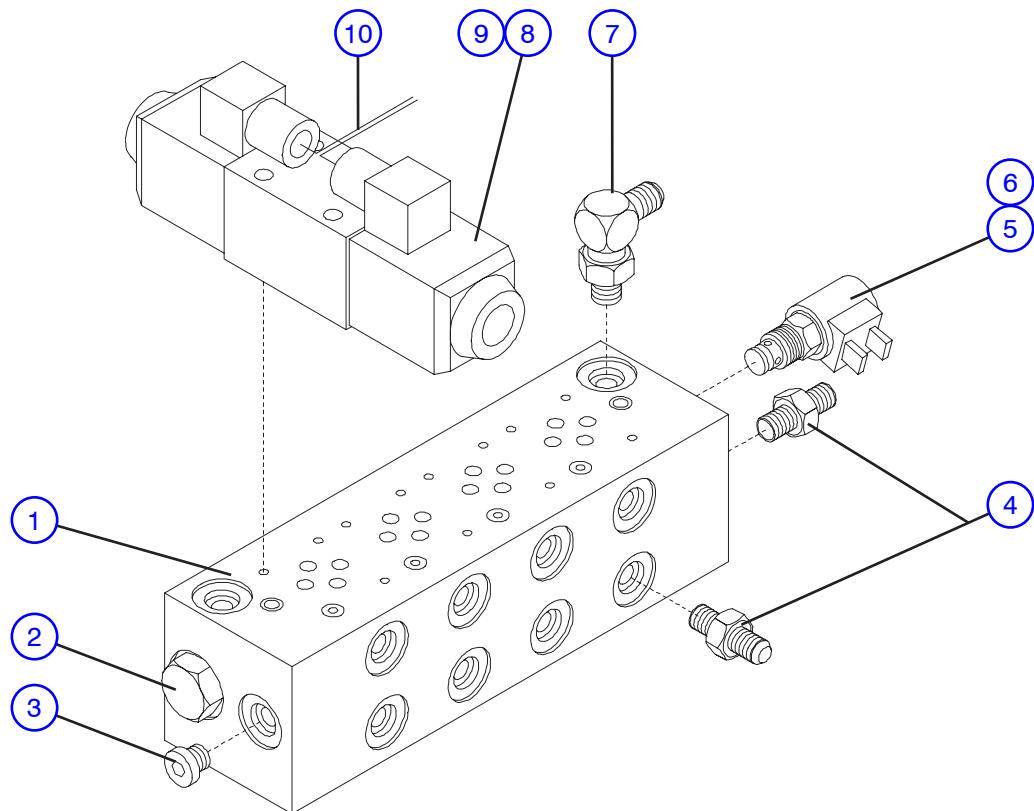
**Figure 7.3 Hydraulic Outrigger Option - Leg Assembly**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	132695	-	OUTRIGGER LEG ASSEMBLY (LH)
<b>B</b>	132697	-	OUTRIGGER LEG ASSEMBLY (RH)
1	124196	2	• WELDMENT, Outrigger leg, (LH) <b>A</b>
	124200	2	• WELDMENT, Outrigger leg, (RH) <b>B</b>
2	(Ref.)	1	• OUTRIGGER CYLINDER ASSEMBLY <i>(For components, refer to Figure 7.4)</i>
3	101297	3	• BOLT, Hex head (3/8"-16 x 1.25")
4	103999	3	• WASHER, Lock (3/8")
5	124338	1	• CLIP, Plastic
6	112601	2	• NUT, Hex head flange (3/8"-16)
7	103472	1	• WASHER, Flat (3/8")
8	103978	1	• NUT, Hex head (3/8"-16)
9	124972	1	• CAP, Nut
10	124356	1	• SPRING, Compression
11	127003	1	• ROD, Actuator
12	115658	2	• SWITCH, Limit
13	126499	4	• SCREW, Machine (#8-32 x 7/8")
14	124335	1	• BRACKET, Limit switch
15	104000	4	• WASHER, Lock (1/4")
16	103855	2	• BOLT, Hex head (1/4" - 20 x 1/2")
17	112249	4	• WASHER, Lock (#8)
18	103986	2	• NUT, Hex (8-32)
19	102355	1	• COVER, Outrigger hose
	103856	4	• BOLT, Hex head (1/4"-20 x 3/4")
	104000	4	• WASHER, Lock (1/4")
	103995	4	• WASHER, Flat (1/4")
20	103091	24"	• CABLE PROTECTION (5/8" x 24")
21	113584	8"	• HEAT SHRINK (1/2" x 8")
22	107712	1	• CONNECTOR ASSEMBLY, Male (5 Pin)
	103567	1	• • HOUSING (with strain relief connector)
	132790	1	• • HOUSING
	132110	1	• • CONNECTOR, Strain relief
	103569	1	• • INSERT, Male
23	118478	1	• BUSHING, Limit switch mount
24	116827	1	• MOUNT, Limit switch
25	103995	2	• WASHER, Flat (1/4")
26	103859	2	• BOLT, Hex head (1/4"-20 x 1-1/2")
27	116826	1	• COVER, Limit switch
28	116193	4	• BOLT, Hex washer head (#10-32 x 1/2")
29	118387	1	• SPACER, Outrigger
30	103470	1	• WASHER, Lock (1/2")
31	103909	1	• BOLT, Outrigger leg stop
L	(Ref.)	-	LABELS <i>(Refer to Figure 8.3)</i>

Figure 7.4 Hydraulic Outrigger Option - Cylinder Assembly



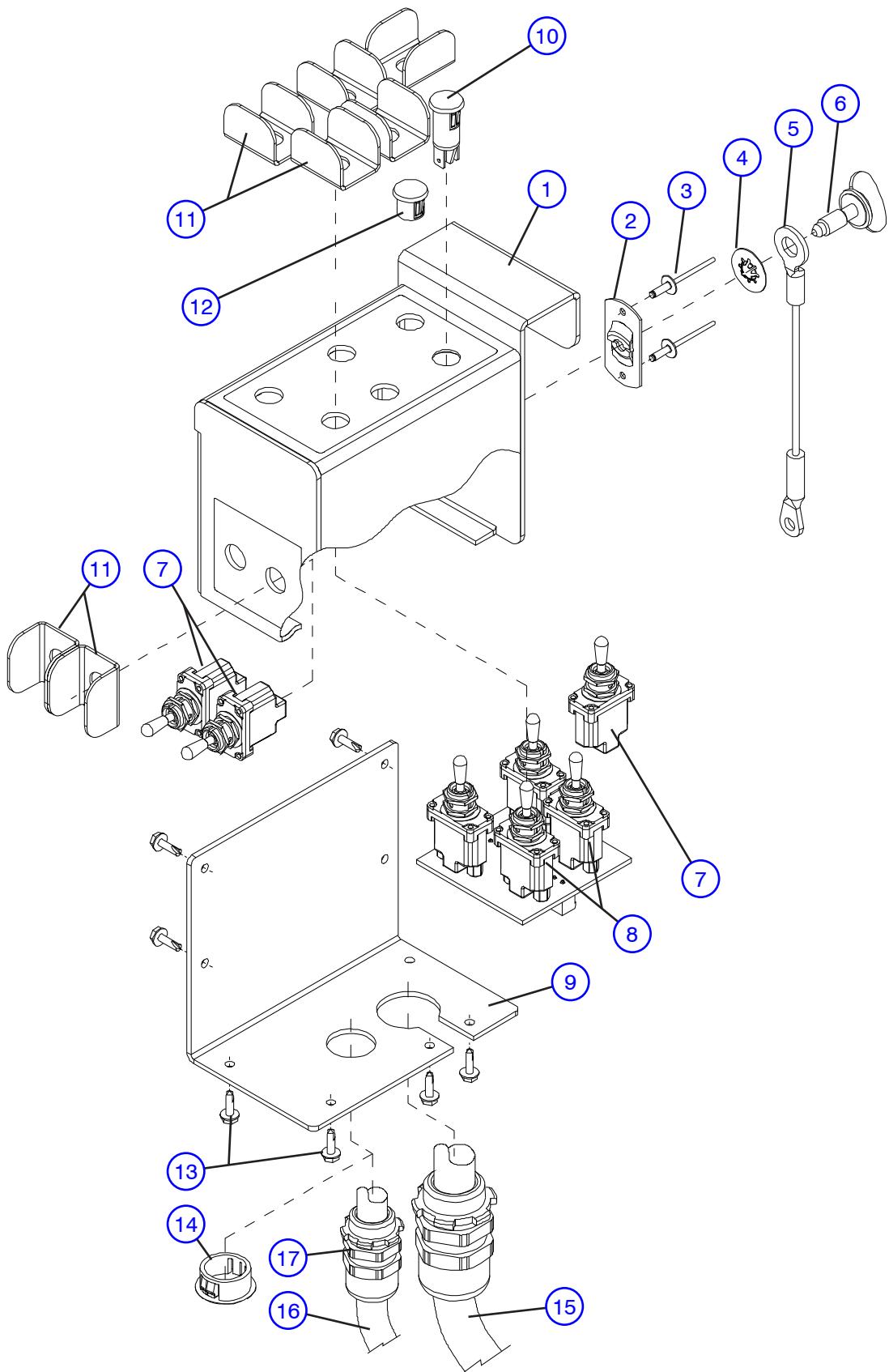
**Figure 7.5 Hydraulic Outrigger Option - Manifold Assembly**



MMA-800-22

Index No.	Skyjack Part No.	Qty.	Description
-	-	1	OUTRIGGER MANIFOLD ASSEMBLY
1	111970	1	• BLOCK, Manifold
2	113801	1	• PLUG, Cavity
3	104437	2	• • PLUG, O-Ring
4	103069	9	• FITTING, Connector
5	103613	1	• COIL, 2-Prong valve (12V)
6	103655	1	• VALVE (NC) <b>(Outrigger holding)</b>
7	114578	1	• FITTING, Elbow 90° (adjustable o-ring)
8	-		• CONNECTORS, Electrical valve
	104345	4	• • CONNECTOR (Gray)
	104409	4	• • CONNECTOR (Black)
9	128797	1	• VALVE ASSEMBLY ("Hytos")
	128318	1	• • VALVE, Directional spool
	128321	2	• • • COIL, Spool valve (12V)
	103920	AR	• • BOLT, Socket head (#10-24 x 2", Grade 5)
10	(Ref.)	-	HARNESS, Outrigger manifold <i>(For components, refer to Figure 7.1)</i>

**Figure 7.6 Outrigger/Hydraulic Generator Control Console Assembly**

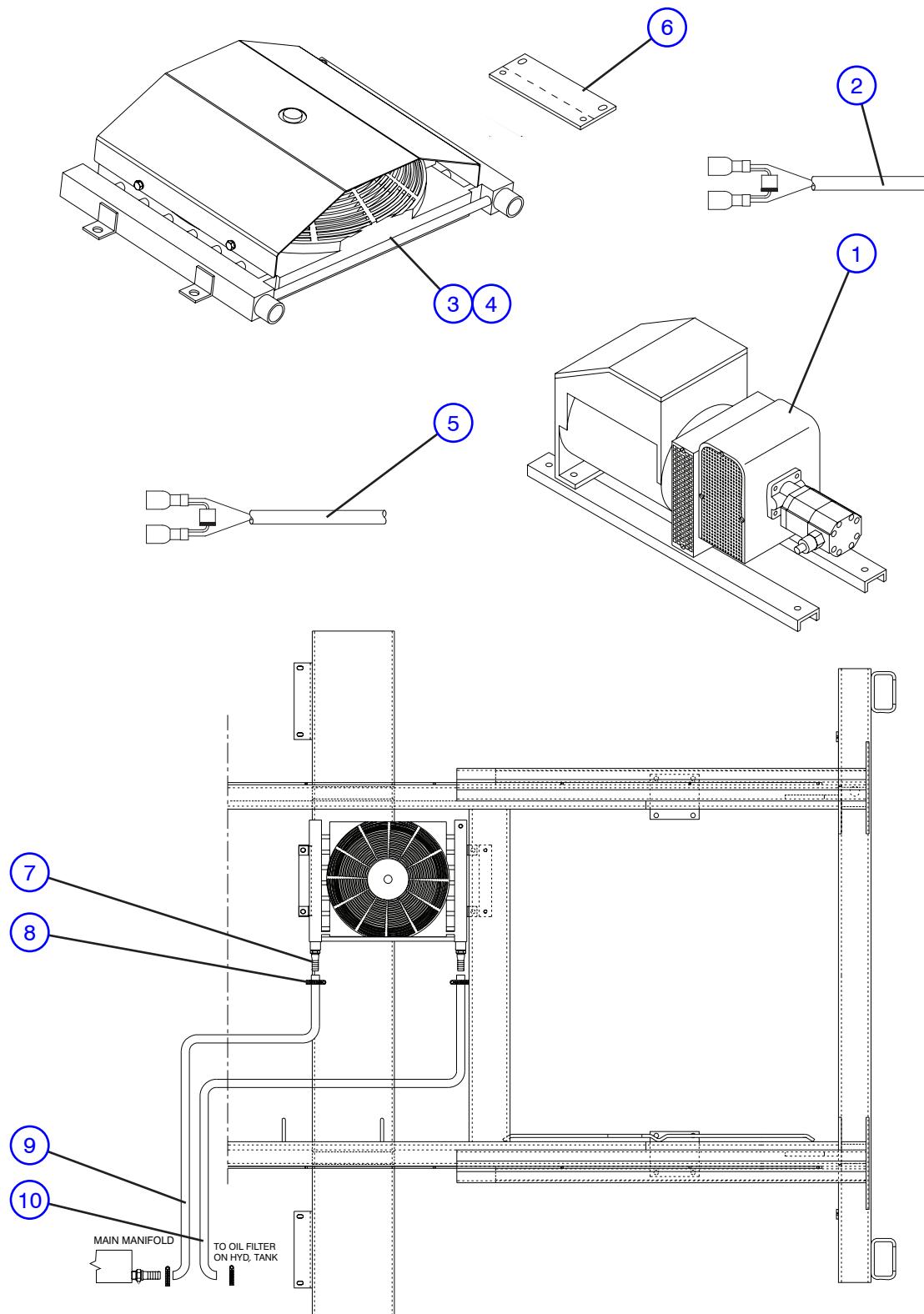


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**Figure 7.6 Outrigger/Hydraulic Generator Control Console Assembly**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	129290	1	OUTRIGGER CONTROL CONSOLE ASSEMBLY (without Hydraulic Generator)
<b>B</b>	129291	1	OUTRIGGER CONTROL CONSOLE ASSEMBLY (Hydraulic Generator Option)
<b>1</b>	132811	1	• WELDMENT, Control console
<b>2</b>	120269	1	• RECEPTACLE, Screw captive
<b>3</b>	119945	2	• RIVET, Large aluminum pop
<b>4</b>	120270	1	• RETAINER, Screw captive
<b>5</b>	120277	1	• LANYARD, Nylon coated (6")
<b>6</b>	120268	1	• SCREW, Captive wing head
<b>7</b>	102853	AR	• SWITCH, Toggle, <b>B</b>
<b>8</b>	121664	1	• BOARD, Outrigger control
	102853	4	• • SWITCH, Toggle
<b>9</b>	129289	1	• WELDMENT, Bottom cover
<b>10</b>	133133	1	• LIGHT, Indicator amber (12V)
<b>11</b>	111181	AR	• GUARD, Toggle switch
<b>12</b>	114377	1	• PLUG, Snap-in hole (1/2") <b>A</b>
<b>13</b>	112327	9	• SCREW, Hex head self tapping (#8-18 x 1/2")
<b>14</b>	102956	1	• PLUG, Snap-in hole (7/8") <b>A</b>
<b>15</b>	(Ref.)	1	OUTRIGGER CONTROL CABLE ASSEMBLY (For components, refer to Figure 7.1)
<b>16</b>	148315	1	HYDRAULIC GENERATOR CONTROL CABLE ASSEMBLY <b>B (Model 9241)</b>
	129299	1	HYDRAULIC GENERATOR CONTROL CABLE ASSEMBLY <b>B (Model 9250)</b>
<b>17</b>	103036	1	CONNECTOR, Strain relief (1/2") <b>B</b>

**Figure 7.7 3500W Hydraulic Generator Option - Generator, Oil Cooler & Mounting**



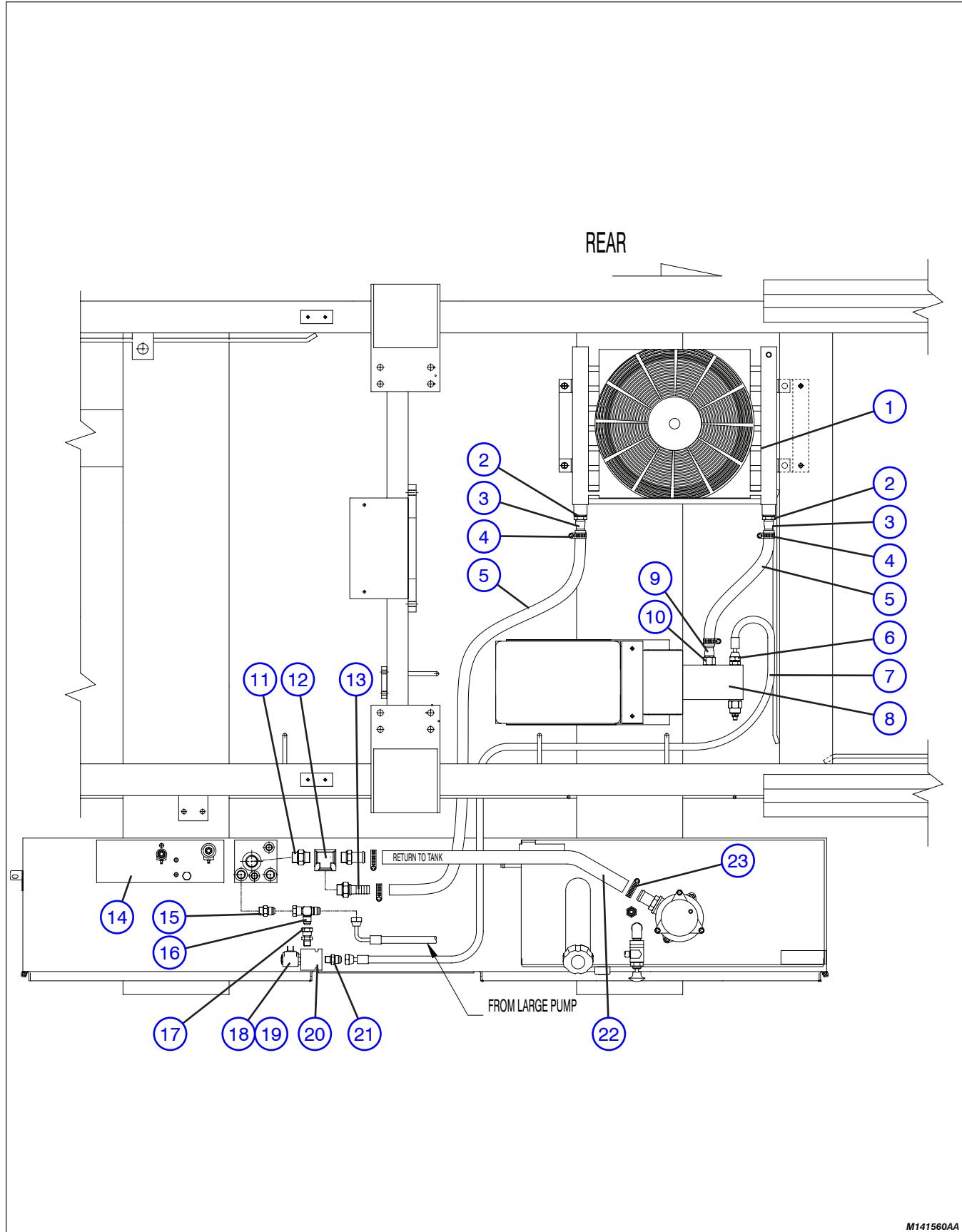
**Oil Cooler Only Hydraulic Connections  
(GM with no Hydraulic Generator Option)**

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**Figure 7.7 3500W Hydraulic Generator Option - Generator, Oil Cooler & Mounting**

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	106216	1	GENERATOR, 3500W Hydraulic (110V, 60Hz) ( <b>ANSI/CSA</b> )
<b>B</b>	118684	1	GENERATOR, 3500W Hydraulic (110/220V, 50Hz) ( <b>CE</b> )
<b>1</b>	-	-	GENERATOR ASSEMBLY <ul style="list-style-type: none"> <li>• PUMP, Hydraulic</li> <li>• • BOLT, Socket head (5/16" - 18 x 1.75")</li> <li>• • BOLT (3/8"-16, Grade B)</li> <li>• • NUT, Hex head (3/8"-16, Grade B)</li> <li>• • WASHER, Flat (1/2")</li> <li>• • WASHER, Flat (3/8")</li> <li>• • WASHER, Lock (3/8")</li> <li>• COUPLING, Pump (1/2")</li> <li>• SPIDER, Coupling</li> <li>• COUPLING, Generator (14mm)</li> <li>• FLOW CONTROL (8 GPM) <b>A</b></li> <li>• FLOW CONTROL (5 GPM) <b>B</b></li> </ul>
<b>2</b>	129306	74"	HARNESS, Hydraulic generator solenoid
<b>3</b>	138122	-	OIL COOLER ASSEMBLY
	136687	1	PLATE, Oil cooler cover
	114284	1	OIL COOLER
<b>4</b>	115384	1	• FAN, Oil cooler
<b>4</b>	-	-	HARDWARE, Oil cooler assembly <ul style="list-style-type: none"> <li>• BOLT, Socket head (3/8"-16 x 1.25")</li> <li>• WASHER, Lock (3/8")</li> <li>• WASHER, Flat (3/8")</li> <li>• NUT, Hex (3/8"-16)</li> <li>• BOLT, Hex head (3/8"-16 x 3/4", Grade 5)</li> <li>• BOLT, Hex head (3/8"-16 x 1.25", Grade 5)</li> </ul>
<b>5</b>	134212	132"	HARNESS, Oil cooler wiring ( <b>Dual fuel engines</b> )
	141570	132"	HARNESS, Oil cooler wiring ( <b>Diesel engines</b> )
<b>6</b>	117354	1	PLATE, Hydraulic generator mounting
<b>7</b>	134234	2	BARB, Hose
<b>8</b>	103320	AR	CLAMP, Gear (#16)
<b>9</b>	134455	1	HOSE (1" ID x 100")
<b>10</b>	134456	1	HOSE (1" ID x 120")

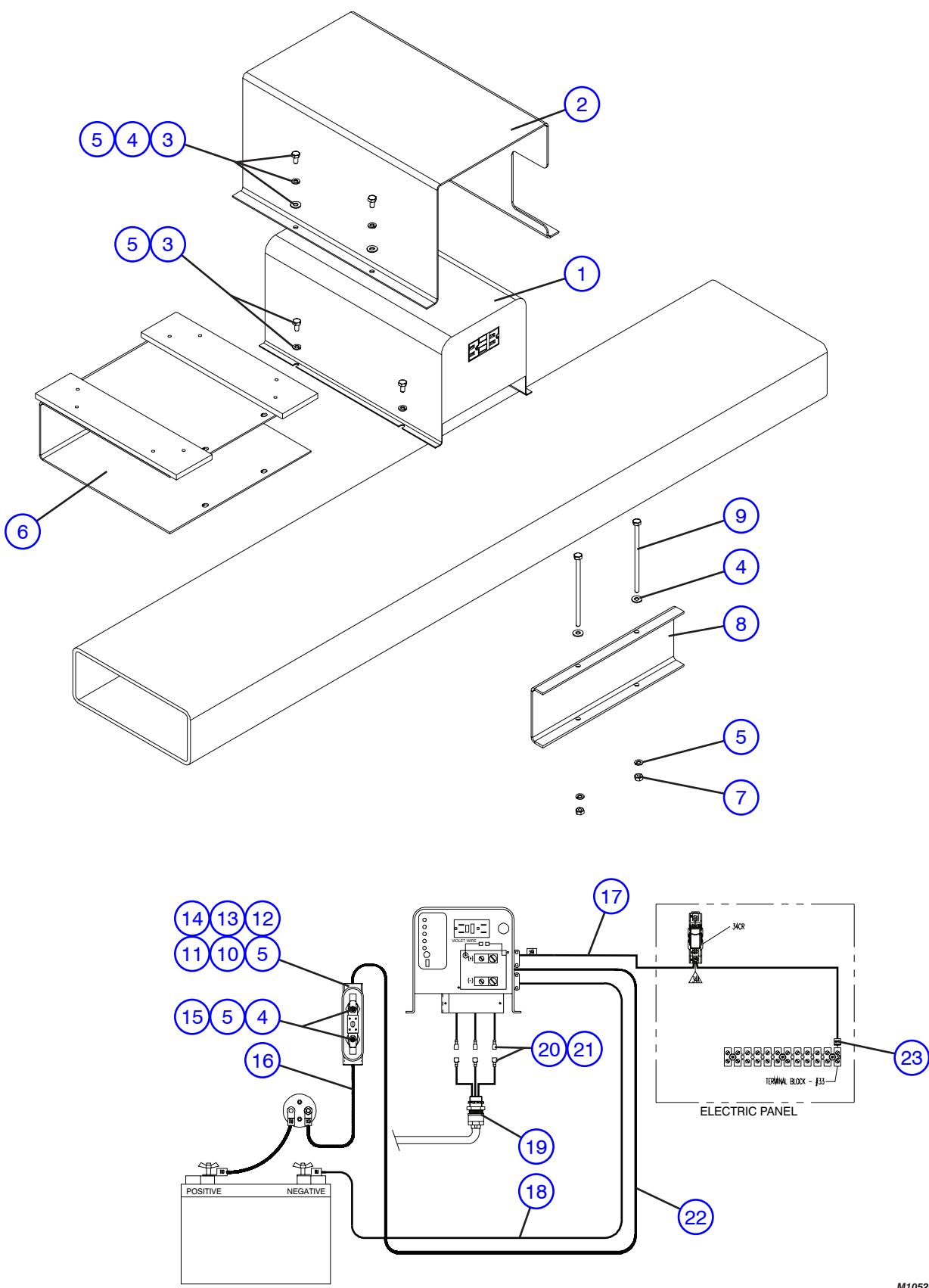
**Figure 7.8 3500W Hydraulic Generator Option - Hydraulic Hose Connections**



**Figure 7.8 3500W Hydraulic Generator Option - Hydraulic Hose Connections**

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	OIL COOLER ASSEMBLY (For components, refer to Figure 7.7)
2	110556	2	FITTING, Pipe (MP15FP12)
3	103215	2	FITTING, Hose barb
4	102854	4	CLAMP, Gear (#12)
5	103032	AR	HOSE, Suction (3/4" ID)
6	102659	1	FITTING, Connector
7	110475	1	HOSE (Pump pressure) (1/2" diameter x 122")
8	(Ref.)	-	GENERATOR, 3500W Hydraulic (For components, refer to Figure 7.7)
9	103294	1	FITTING, Hose barb (1/2" P - 3/4")
10	102374	1	FITTING, Reducer
11	112455	1	FITTING, Connector
12	112451	1	BLOCK, Manifold cross
13	108799	1	FITTING, Hose barb
14	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Figure 4.17)
15	102659	2	FITTING, Connector
16	106170	1	FITTING, Tee
17	112456	1	FITTING, Adapter
18	104412	1	VALVE, Generator
19	106272	1	COIL (12V)
20	103137	1	BLOCK, Manifold (Needle valve)
21	106668	1	FITTING, Connector
22	120055	1	HOSE, Suction (1" ID, 35.00")
23	103320	2	CLAMP, Gear (#16)

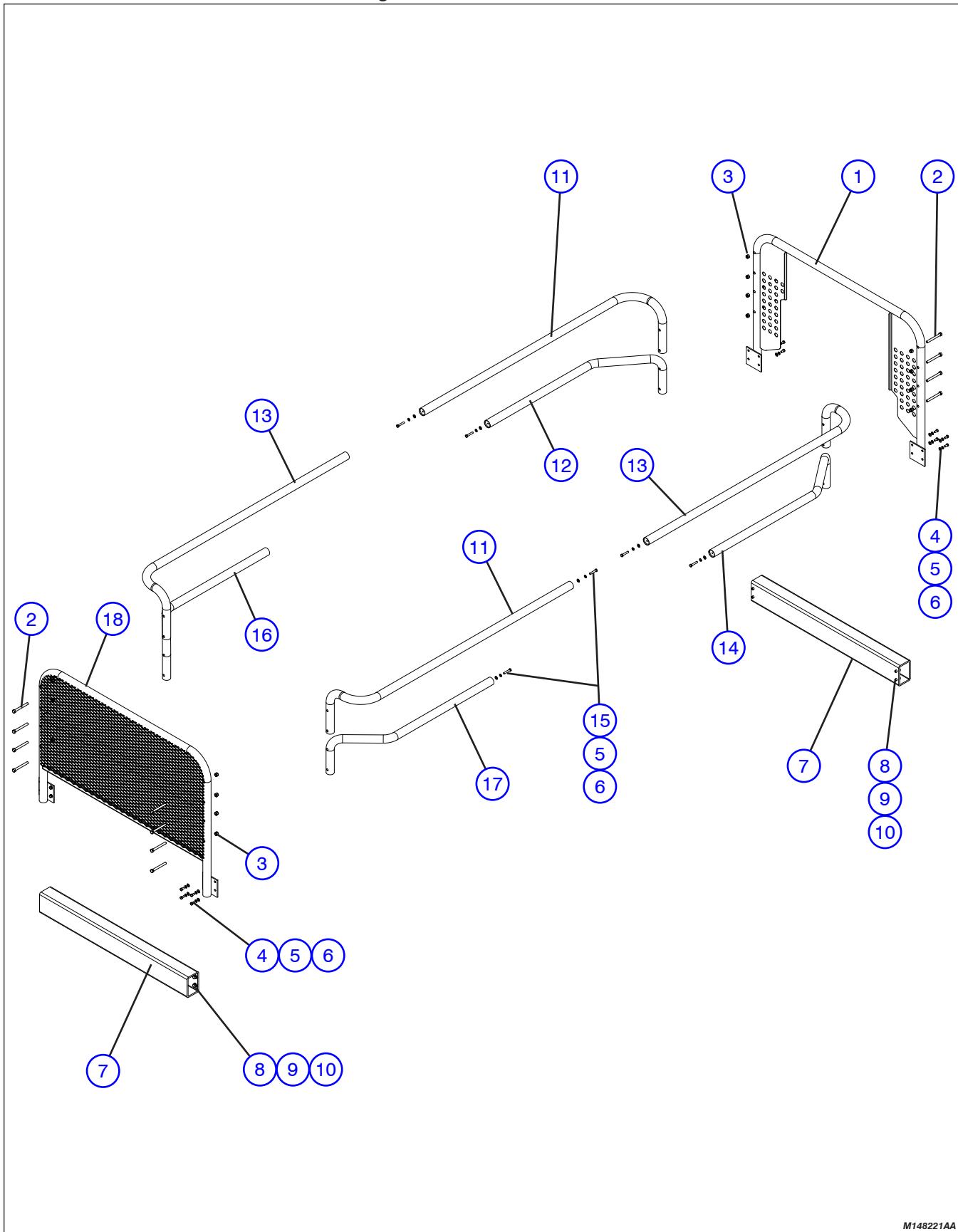
**Figure 7.9 1500W Inverter Option**



**Figure 7.9 1500W Inverter Option**

Index No.	Skyjack Part No.	Qty.	Description
1	123629	1	INVERTER, 1500 Watt (120V @ 60Hz) <b>(ANSI/CSA)</b>
	124047	1	INVERTER, 1500 Watt (110/220V @ 50Hz) <b>(CE)</b>
2	123748	1	COVER, Inverter
3	103855	8	BOLT, Hex head (1/4"-20 x 1/2", Grade 5)
4	103995	AR	WASHER, Flat (1/4" SAE)
5	104000	AR	WASHER, Lock (1/4" NOM x 0.06")
6	124097	1	SUPPORT, Assembly inverter
7	103980	AR	NUT, Hex (1/4"-20, Grade B)
8	124098	1	SUPPORT, Inverter
9	103889	2	BOLT, Hex head (1/4"-20 x 5", Grade 5)
10	103892	2	BOLT, Hex head (1/4"-20 x 0.62", Grade 5)
11	119469	1	FUSE (200 amp)
12	103068	2	INSULATOR, Fuse
13	119061	1	BOX, Fuse
14	119915	1	LABEL, Fuse
15	103855	2	BOLT, Hex head (1/4"-20 x 0.50", Grade 5)
16	124091	1	CABLE ASSEMBLY (#2GA, 1/4"-8" - 3/8 (+,+))
17	124099	1	REMOTE SWITCH WIRE ASSEMBLY
18	124090	1	CABLE ASSEMBLY (#2GA, 1/4"-130" (-,-))
19	103041	1	CONNECTOR, Strain relief (Blue)
20	105359	3	TERMINAL, Female (14-16GA, insulated blue)
21	105360	3	TERMINAL, Male (14-16GA x 1/4", full insulation)
22	124089	1	CABLE ASSEMBLY (#2GA, 1/4"-144" (+,+))
23	130950	1	DIODE ASSEMBLY <b>(EFI engines)</b>

**Figure 7.10 Scissor Guard**

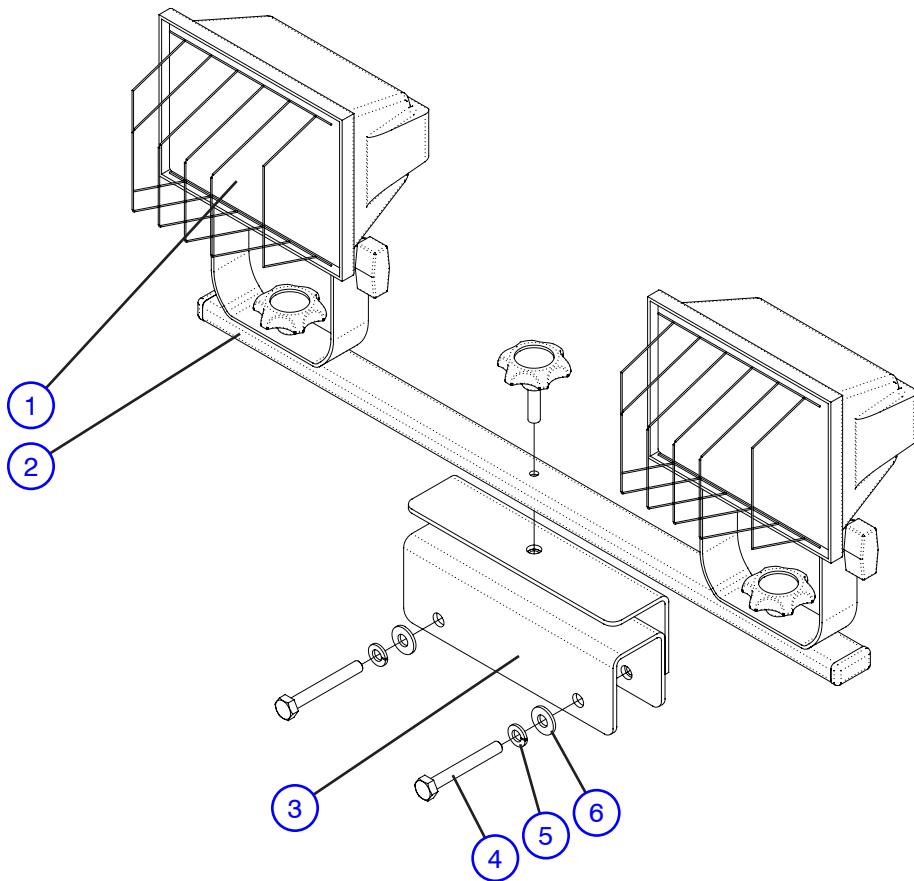


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**Figure 7.10 Scissor Guard Assembly Option**

Index No.	Skyjack Part No.	Qty.	Description
-	148221	-	SCISSOR GUARD ASSEMBLY
1	148317	1	• GUARD, FRONT
2	111420	16	• BOLT, Hex head (1/2"-13 x 4.5" , Grade 5)
3	702507	16	• NUT, Hex lock (1/2"-13)
4	101632	16	• BOLT, Hex head (3/8"-16 x 3/4")
5	103999	24	• WASHER, Lock (3/8")
6	103472	24	• WASHER, Flat (3/8")
7	116426	2	• BUMPER
8	103911	8	• BOLT, Hex head (1/2"-13 x 1")
9	103468	8	• WASHER, Flat (1/2")
10	103470	8	• WASHER, Lock (1/2", Grade 5)
11	147844	2	• SIDE GUARD WELDMENT (Upper side LH front, RH rear)
12	147847	1	• SIDE GUARD WELDMENT (Lower side LH front)
13	147845	2	• SIDE GUARD WELDMENT (Upper side RH front, LH rear)
14	147846	1	• SIDE GUARD WELDMENT (Lower side RH front)
15	103870	8	• BOLT, Hex head (3/8"-16 x 1.5, Grade 5)
16	147848	1	• SIDE GUARD WELDMENT (Lower side LH rear)
17	147849	1	• SIDE GUARD WELDMENT (Lower side RH rear)
18	147861	1	• GUARD, REAR

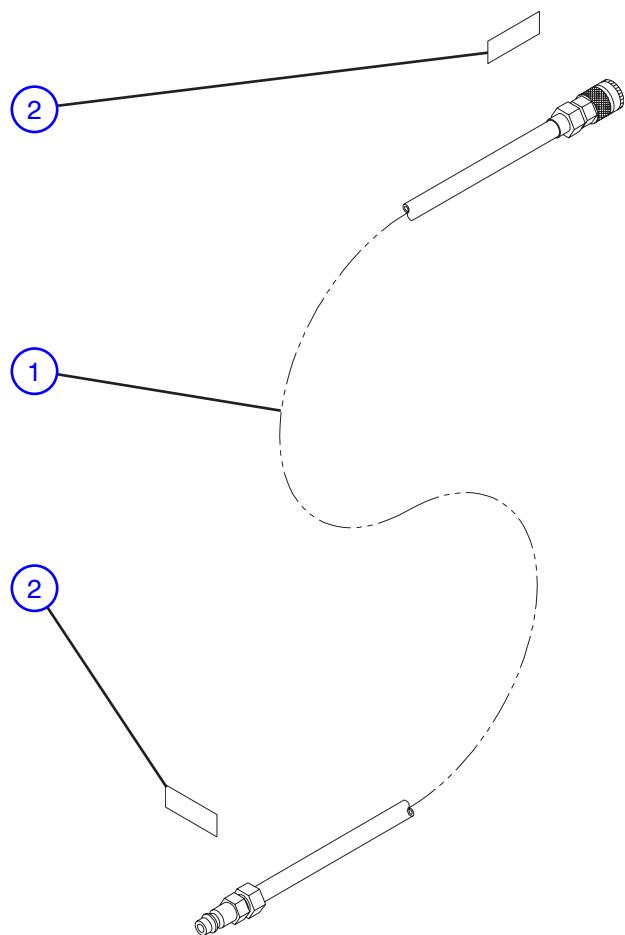
**Figure 7.11 Work Light Option**



M137979AB

Index No.	Skyjack Part No.	Qty.	Description
-	137979	-	WORK LIGHT ASSEMBLY
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 (1/4"-20 x 2", Grade 5)
5	104000	2	• WASHER, Lock (1/4")
6	103995	2	• WASHER, Flat (1/4")

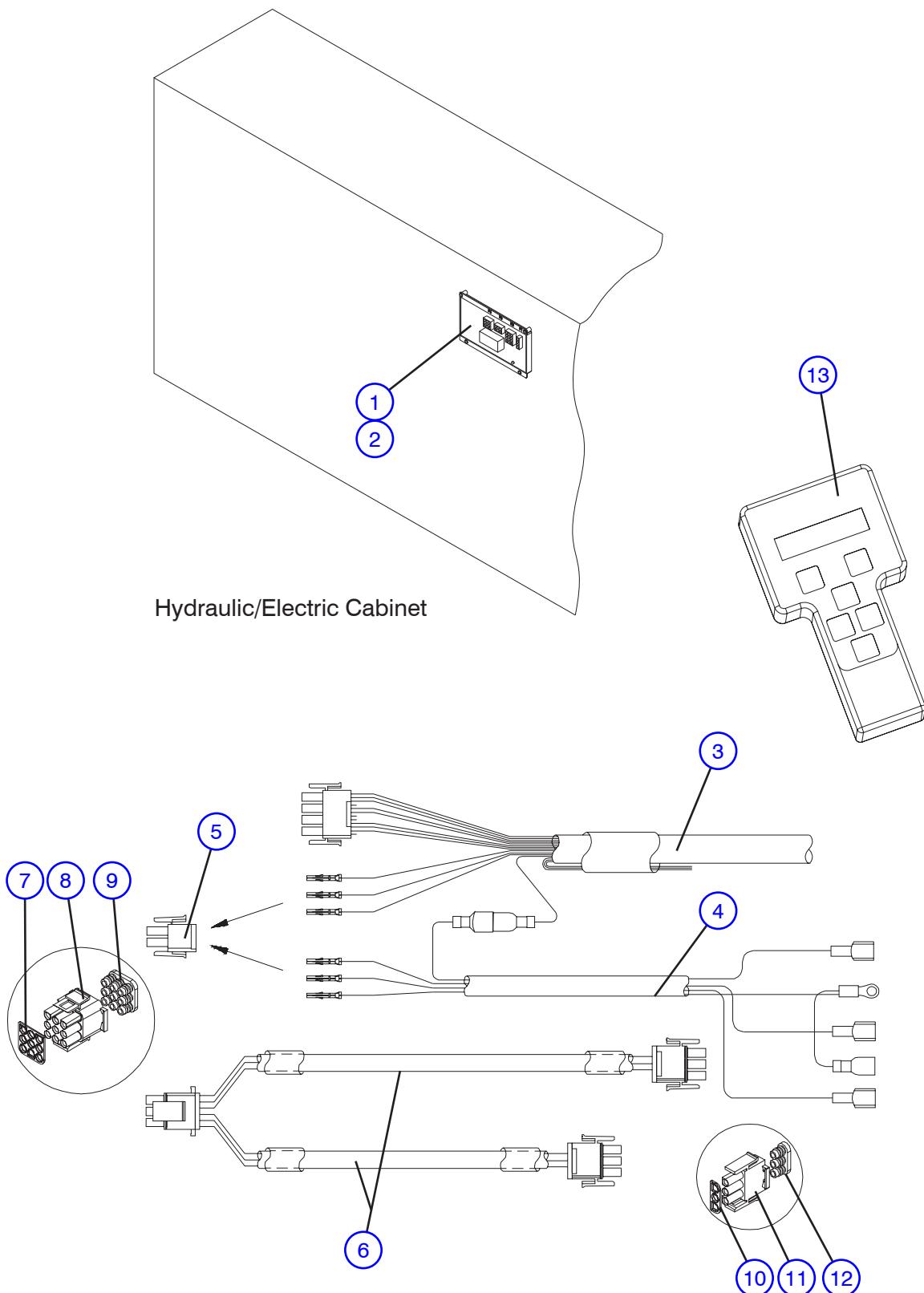
**Figure 7.12 Air Hose to Platform Option**



M127539AB

Index No.	Skyjack Part No.	Qty.	Description
-	127539	-	AIR HOSE TO PLATFORM ASSEMBLY
1 (Ref.)	107882	1	HOSE ASSEMBLY (Air to platform)
	107883	1	<ul style="list-style-type: none"> <li>• FITTING, Disconnect (Female)</li> <li>• FITTING, Disconnect (Male)</li> <li>• HOSE, Air (1/2" diameter)</li> </ul>
	107884	1080"	<ul style="list-style-type: none"> <li>• FITTING, Hose barb</li> <li>• CLAMP, Hose</li> </ul>
	109050	2	
	107886	2	
	102891	AR	STRAP, Tie (7.5")
	102893	AR	STRAP, Tie (14")
	138212	2	LABEL, Connect air here

**Figure 7.13 Load Sensing Components (CE)**

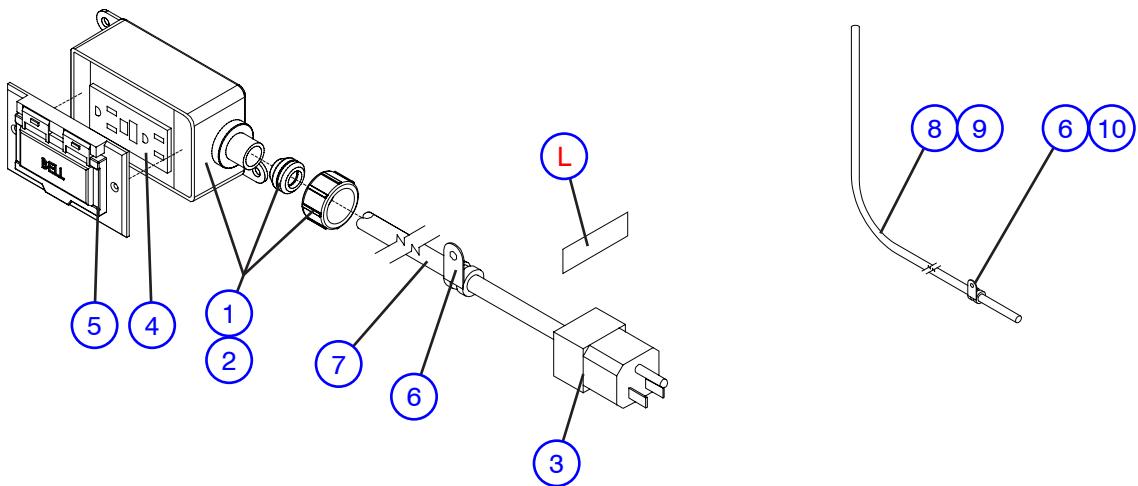


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**Figure 7.13 Load Sensing Components (CE)**

Index No.	Skyjack Part No.	Qty.	Description
1	130439	1	CONTROLLER, Overload sensing
2	-	-	HARDWARE, Overload sensing controller
	122498	4	• SCREW, Socket Head Cap #10-32 x 1.25"
	104694	4	• WASHER, Flat (#10)
	104185	4	• WASHER, Lock (#10)
	103987	4	• NUT, Hex head (#10-24)
3	133151	1	HARNESS, Electric panel
4	130775	1	HARNESS, Horn/light/beeper to control module
	103255	216"	• CABTIRE, 18/4
	116990	3	• PIN, Female wire
5	130445	1	HOUSING, 6-pin plug
6	134438	1	HARNESS, Angle/pressure transducer to control module
	103257	468"	• CABTIRE, 18/3
	116990	12	• PIN, Female wire
7	134069	1	• SEAL, 9 position interface
8	116993	1	• HOUSING, 9 pin plug
9	134070	1	• SEAL, 9 position wire
10	134067	2	• SEAL, 3 position interface
11	130446	2	• HOUSING, 3 pin plug
12	134068	2	• SEAL, 3 position wire
13	130477	1	KIT, Hand held calibration/diagnostic tool
	130441	1	• TOOL, Hand held calibration/diagnostic
	130457	1	• CABLE, Computer cable 24 gauge
	130448	1	• PLUG, Male 4-pin
	130451	1	• PLUG, Male 4-pin (Enclosed Version)

**Figure 7.14 Platform AC Outlet Assembly**



M11090AG M148327AA

Index No.	Skyjack Part No.	Qty.	Description
<b>A</b>	136317	-	110V AC OUTLET ON PLATFORM ( <b>ANSI/SCA Model 9250</b> )
<b>B</b>	117550	-	110/220V AC OUTLET ON PLATFORM ( <b>CE/AS Model 9250</b> )
<b>C</b>	148327	-	110/220V AC OUTLET ON PLATFORM ( <b>Model 9241</b> )
1	136328	1	• BOX, Outlet with fitting <b>A</b>
2	134140	2	• RIVET, Open end dome (1/4" diameter) <b>A</b>
3	104208	1	• PLUG, 3-Prong male (15A/125V) <b>A</b>
4	109698	1	• RECEPTACLE, 125V GFI <b>A</b>
5	109699	1	• PLATE, Weatherproof cover <b>A</b>
6	103024	1	• CLIP, Cord
7	105269	912"	• CABTIRE (14/3) <b>A</b>
8	117542	984"	• CORD (14/3) <b>B</b>
		845"	• CORD (14/3) <b>C</b>
9	130730	1	• GROUND WIRE ASSEMBLY) <b>B, C</b>
10	-	-	• HARDWARE, Clip <b>B, C</b>
	103856	1	• • BOLT, Hex head (1/4"-20 x 3/4")
	115649	1	• • NUT, Hex nylon lock (1/2"-20, Grade 5)
	104000	1	• • WASHER, Lock (1/4") <b>C</b>
<b>L</b>	(Ref.)	-	LABEL, AC Outlet (Refer to Figure 8.3)

**Figure 8.1 Label Kit**

### **Label Kits**

The following label kits are for SJ 9250 model only.

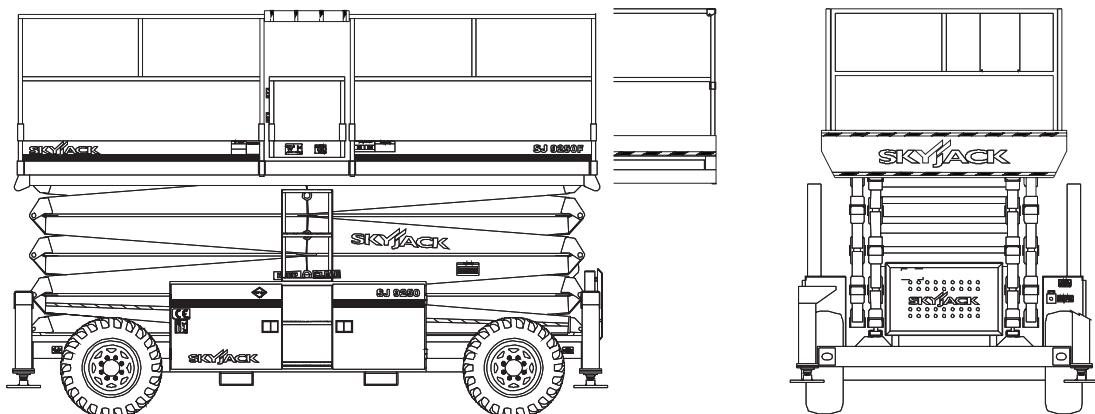
#### **It excludes:**

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

There are two kits for this machine, 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.

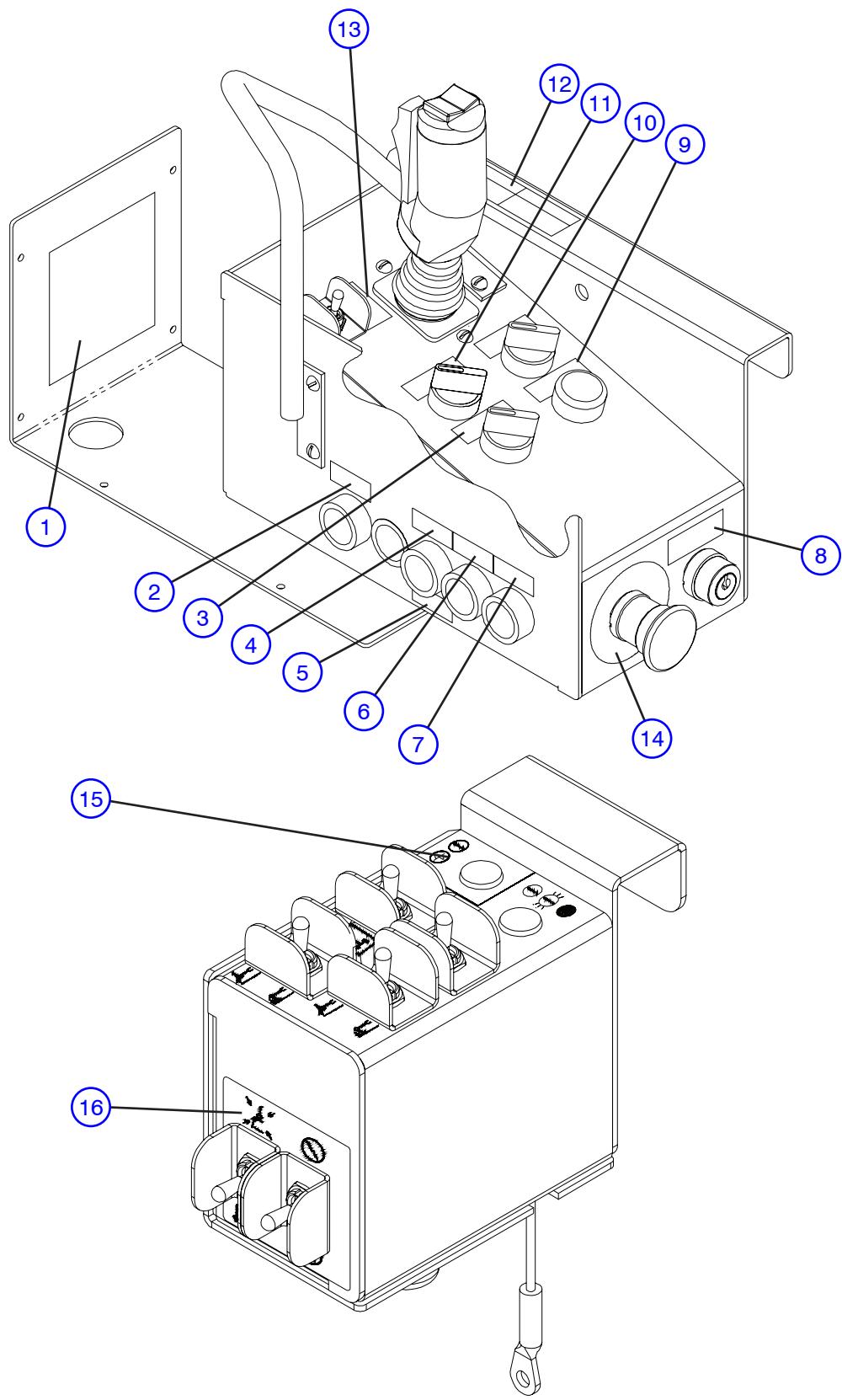
<b>Label Kit</b>				
<b>MODELS</b>	<b>ANSI/CSA</b>		<b>CE</b>	
	<b>Part # 129984</b>	<b>Part # 149816</b>	<b>Part # 129985</b>	<b>Part # 149817</b>
<b>SJ 9241</b>		N/A	N/A	55 000 001 & Above
<b>SJ 9250</b>	51389 to 50000512	50000513 & Above	51389 to 50 000 512	50 000 513 & Above

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**SKYJACK™**

**Figure 8.2 Labels and Nameplate - Control Console Assemblies**

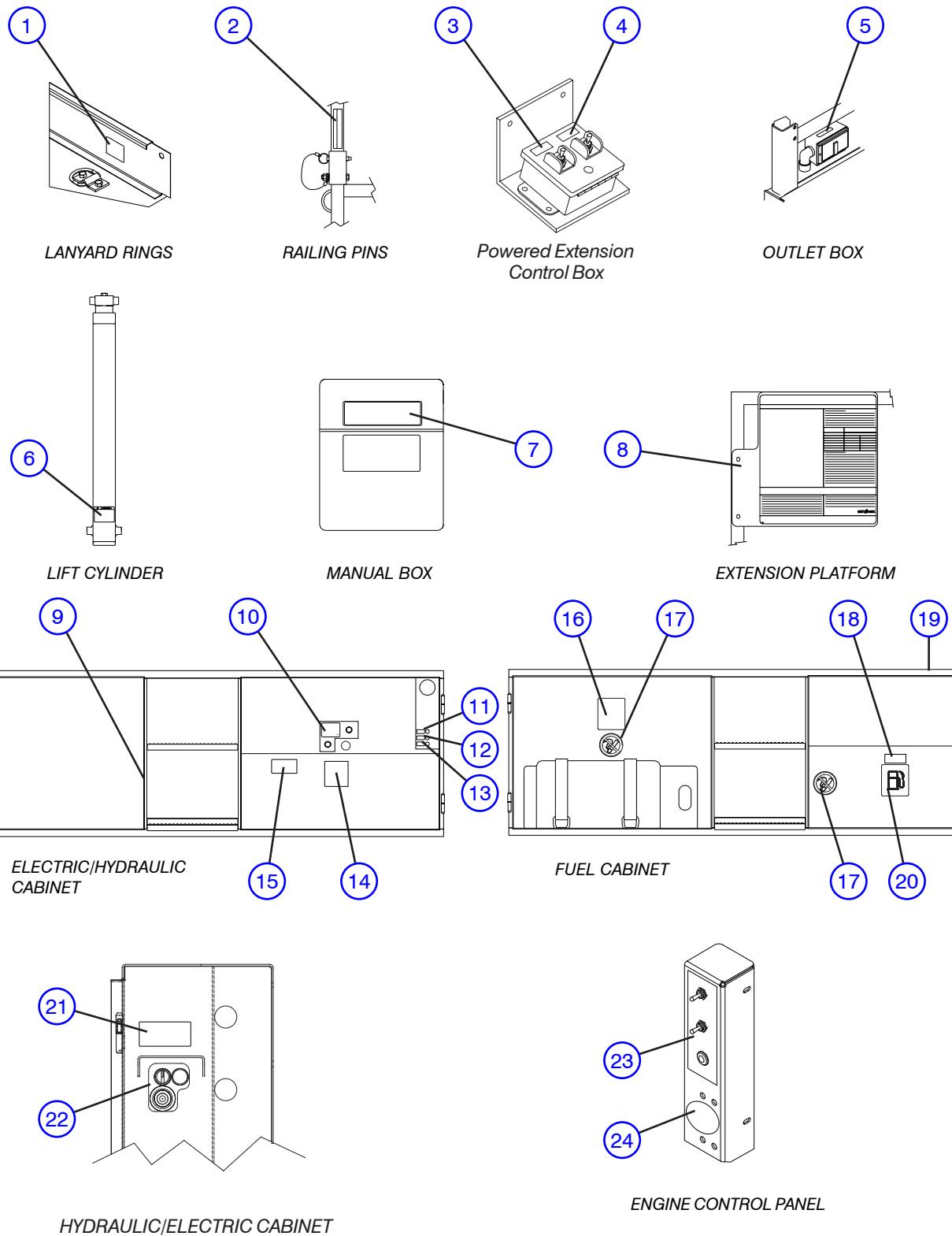


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**Figure 8.2 Labels and Nameplate - Control Console Assemblies**

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Figure 8.1)
1	124207	1	LABEL, Joystick connector
2	105352	1	LABEL, Horn
3	130792	1	LABEL, Up/Off/Down
4	130805	1	LABEL, Choke
5	130788	1	LABEL, Glow plug (Diesel engines)
6	130789	1	LABEL, Start
7	130790	1	LABEL, Lift Enable
8	130798	1	LABEL, Lift/Off/Drive
9	130802	1	LABEL, Power on/overload indicator (ANSI/CSA)
	130797	1	LABEL, Power on/overload indicator (CE)
10	130793	1	LABEL, Low/High Throttle
11	130791	1	LABEL, Low/High range
12	130800	1	LABEL, Enable joystick (Machines with Proportional Joystick)
13	130799	1	LABEL, High/Normal Torque
14	111814	1	LABEL, Emergency stop
15	133227	1	LABEL, Outriggers and Hydraulic Generator (Not included in kit)
16	133228	1	LABEL, Auto Level Outriggers (Not included in kit)

**Figure 8.3 Labels and Nameplate - Misc**

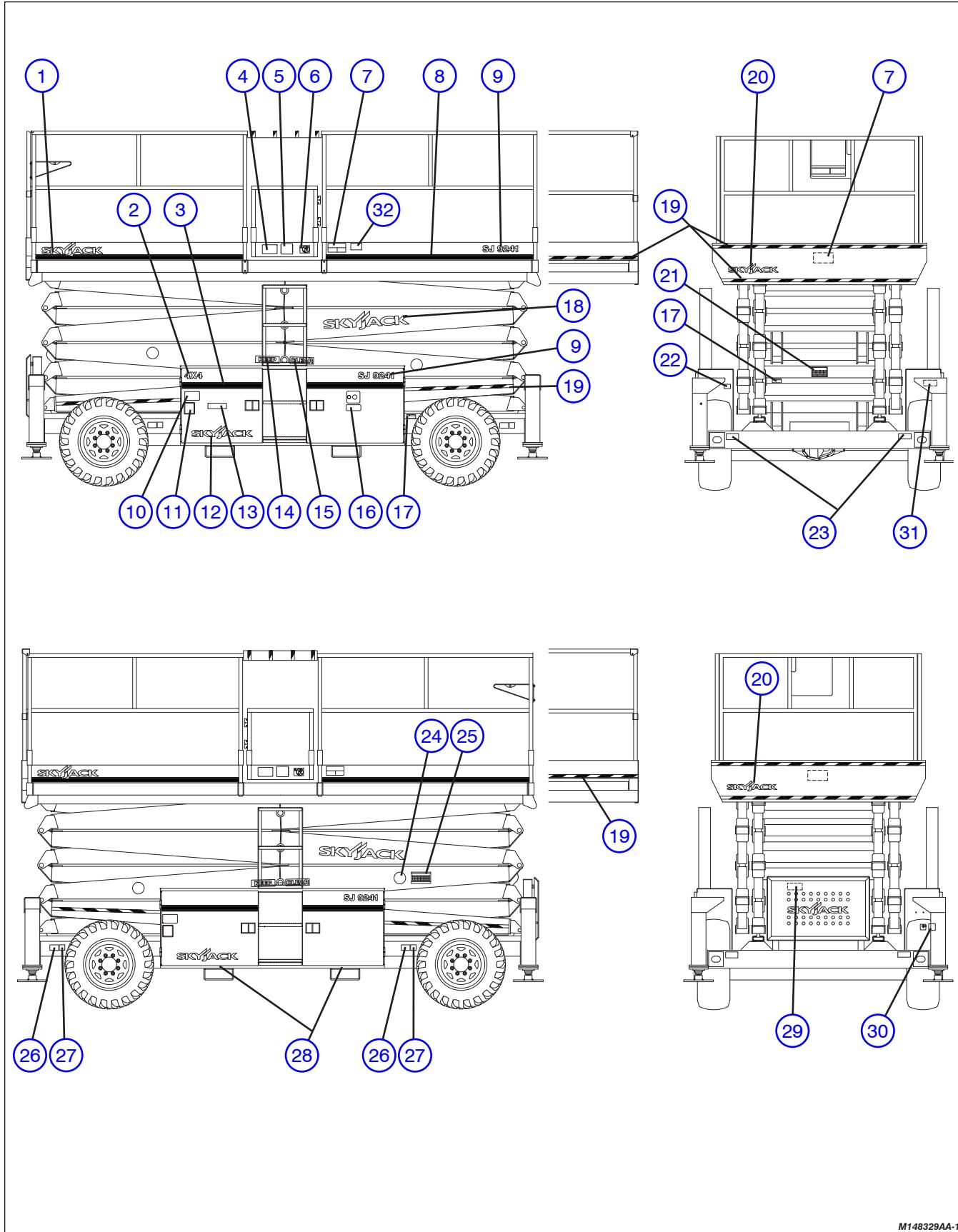


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**Figure 8.3 Labels and Nameplate - Misc**

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Figure 8.1)
1	130018	10	LABEL, Anchorage Harness
2	115531	12	LABEL, Warning! Falling hazard
3	132004	1	LABEL, Enable
4	132003	1	LABEL, Platform extend/retract or up/off/down
5	201446	1	LABEL, 110 VAC (If equipped)
	201447	1	LABEL, 220 VAC (If equipped)
	110333	1	LABEL, "Connect AC supply here" (If equipped)
6	106703	1	LABEL, Orifice decal
7	123628	1	LABEL, Manual enclosed
8	146526	1	LABEL, Danger/Warning
9	113846	1	LABEL, Manual break release
10	117632	1	LABEL, Emergency platform instruction (CE Models only)
11	117389	1	LABEL, Ground reset
12	117387	1	LABEL, Power reset
13	117390	1	LABEL, Push to reset (Hydraulic generator option) (Not included in kit)
14	102961	1	LABEL, "Use hydraulic oil only"
15	146016	1	LABEL, Hydraulic oil level (min/max)
16	103023	1	LABEL, "Use liquid propane only" (Dual Fuel Engines)
17	138146	2	LABEL, No smoking (Not included in kit)
18	149502	1	LABEL, "Use low sulfur fuel" (Diesel fuel engines ANSI/CSA)
19	106406	1	LABEL, Maintenance Support (On top of Fuel Cabinet)
20	102962	1	LABEL, Use diesel fuel only (Diesel Engines)
	132400	1	LABEL, Unleaded fuel only (Dual Fuel Engines)
21	129772	1	LABEL, On/Off slab (CE)
	146525	1	LABEL, On/Off slab (ANSI/CSA)
22	147197	1	LABEL, Base Control (ANSI/CSA)
	146443	1	LABEL, Base control (CE)
23	147624	1	LABEL, Engine control panel diesel (Diesel fuel engines)
	149656	1	LABEL, Start/on/off/LP. Gas/gasoline/Engine malfunction (GM)
24	139457	1	LABEL, Do not use pressure washers (Diesel fuel engines)

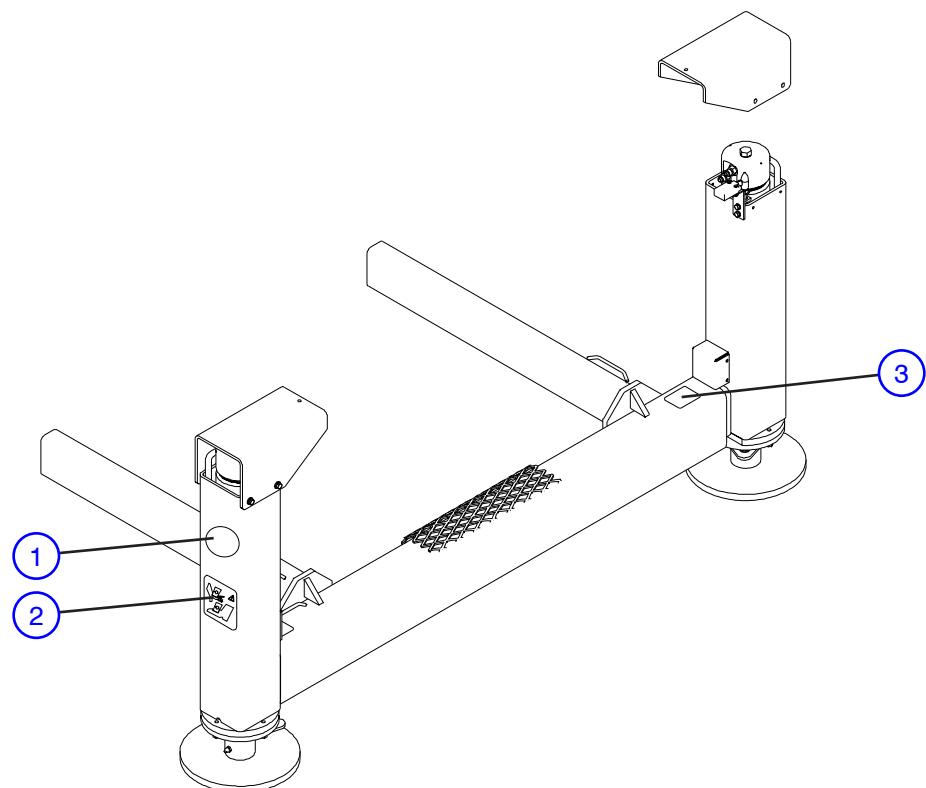
**Figure 8.4 Labels and Nameplate - Chassis**



**Figure 8.4 Labels and Nameplate - Chassis**

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Figure 8.1)
1	129773	2	LABEL, "Skyjack" (Medium, blue)
2	129810	2	LABEL, "4x4" (Not included in kit)
3	103110	AR	TAPE, Stripe (Red/Blue/Red) (Not included in kit)
4	124465	2	LABEL, Side force/outdoor
5	106691	2	LABEL, Operator's check list
6	124362	2	LABEL, Warning! Do not wear jewelry
7	147936	4	LABEL, Platform capacities 1500 (500/500/500) ( <b>Model 9241</b> )
	134421	3	LABEL, Platform capacities 2000 (500/500/500) ( <b>Model 9250 w/tires 6A/F, 7F</b> )
	134450	3	LABEL, Platform capacities 1500 (500/500/500) ( <b>Model 9250 w/tires 7A</b> ) (Platform capacity labels are not included in kit)
8	103125	AR	TAPE, Stripe (White/Blue) (Not included in kit)
9	147900	4	LABEL, "SJ-9241" ( <b>Model 9241</b> ) (Not included in kit)
	129809	4	LABEL, "SJ-9250" ( <b>Model 9250</b> ) (Not included in kit)
10	117023	2	LABEL, "CE" ( <b>CE</b> )
11	128226	2	LABEL, Sound power level ( <b>CE</b> )
12	129760	2	LABEL, "Skyjack" (Medium)
13	123628	1	LABEL, Manual enclosed
14	129838	2	LABEL, "KEEP"
15	129839	2	LABEL, "CLEAR"
16	111605	1	LABEL, Emergency lowering procedure ( <b>Model 9241</b> )
	134366	1	LABEL, Emergency lowering procedure ( <b>Model 9250</b> )
17	106705	2	LABEL, Do not alter!
18	129761	2	LABEL, "Skyjack" (Large)
19	119803	AR	TAPE, Safety stripe (1") (Not included in kit)
20	129758	1	LABEL, "Skyjack" (Small, blue)
21	-	1	NAMEPLATE, Serial number ( <b>Consult factory</b> ) (Not included in kit)
22	132209	1	LABEL, Registration ( <b>Australia/New Zealand</b> ) ( <b>Model 9250</b> ) (Not included in kit)
23	124767	4	LABEL, Lift point/Tie down
24	139855	4	LABEL, Keep clear
25	109985	1	LABEL, Annual inspection
26	132735	4	LABEL, Wheel load (Not included in kit)
	134409	4	LABEL, Wheel load (Not included in kit)
	126928	4	LABEL, Tire pressure (75 psi) (Not included in kit)
	125024	4	LABEL, Tire pressure (70 psi) (Not included in kit)
27	124631	4	LABEL, Wheel offset/pressure (Not included in kit)
28	102896	4	LABEL, Forklift boot
29	124883	1	LABEL, Fuel switch sequence ( <b>Dual fuel engines</b> )
30	119674	1	LABEL, Battery disconnect switch
31	106515	2	LABEL, Caution brake
32	114252	2	LABEL, California proposition 65 ( <b>ANSI/CSA</b> ) (Not included in kit)

**Figure 8.5 Labels - Outrigger**



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**Figure 8.5 Labels - Outrigger**

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Figure 8.1)
1	139855	4	LABEL, Keep clear ( <b>Model 9241</b> )
2	119866	4	LABEL, Danger! Hand/foot pinch
3	106705	4	LABEL, Do not alter

**Table 1.1 SJRT Scissor Fluids**

Table continued on the following page.

AXLE OIL						
Axle Type		*Qty. (Liters)	*Qty. (Gallons)	Oil Type	Skyjack Part No.	Recommended Equivalent Oil
Cushman	Front	2.4	0.634	Gear Oil, 80W-90 GL5	134612	-
Dana	Front / Rear					
Cushman	Rear	1	0.264	Gear Oil, ESI 80W-90	133461	Chevron Gear Lubricant Delo ESI 80W-90, Caltex Gear Lubricant ESI 80W-90, Caltex RPM Borate EP 80W-90, Texaco Star Gear Lubricant 80W-90

CENTER DRIVE OIL						
Center Drive Type	*Qty. (Liters)	*Qty. (Gallons)	Oil Type	Skyjack Part No.	Recommended Equivalent Oil	
Center Drive	1	0.26	Gear Oil, 80W-90 GL5	134612	-	

HYDRAULIC OIL						
Model	*Qty. (Liters)	*Qty. (Gallons)	Oil Type	Skyjack Part No.		
SJRT-68XX	86.88	22.95		ATF Dexron III	119309	
SJRT-7127						
SJRT-7135						
SJRT-8243						
SJRT-8850						
SJRT-8831						
SJRT-8841						
SJRT-8831E						
SJRT-8841E						
SJRT-9241						
SJRT-9250	67.38	17.8				

\*All fuel capacity quantities are in standard liter or US gallons (liquid).

\*\*Use distilled water and 50/50 mix of ant-freeze/water.

**Table 1.1 SJRT Scissor Fluids**

Table continued from the previous page.

ENGINE OIL					
Engine Type	*Qty. (Liters)	*Qty. (Gallons)	Oil Type, Viscosity	Skyjack Part No.	Recommended Equivalent Oil (Viscosity - API Service Designation)
Kubota D902	3.9	1.03	Engine Oil, SAE 10W-30	105287	10W30 - API Service Designation CG-4, CF-4, CF, CD, SH.
Kubota D1305	5.1	1.35			
Kubota DF972	3.4	0.9		142454	10W30 - API Service Designation SF/CC.
GM 1.6	3.5	0.98			

ENGINE COOLANT				
Component Type	*Qty. (Liters)	*Qty. (Gallons)	**Coolant Type	Skyjack Part No.
Kubota D902	3.1	0.82	Anti-freeze / Water	125985
Kubota D1305				
Kubota DF972				
GM 1.6	11.4	3.01	Extended life anti-freeze / Water	142208

ENGINE FUEL						
Model	Tank		Diesel		Gasoline / Liquid Propane	
	*Qty. (Liters)	*Qty. (Gallons)	Kubota D902	Kubota D1305	Kubota DF972	GM 1.6
SJRT-68xx	86.88	22.95	✓	N/A		
SJRT-7127	80.48	21.26	N/A	✓	✓	N/A
SJRT-7135						
SJRT-8243						
SJRT-8850						
SJRT-8831	49.21	13				
SJRT-8841						
SJRT-9241	64.35	17			N/A	✓
SJRT-9250						

\*All fuel capacity quantities are in standard liter or US gallons (liquid).

\*\*Use distilled water and 50/50 mix of antifreeze/water.



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