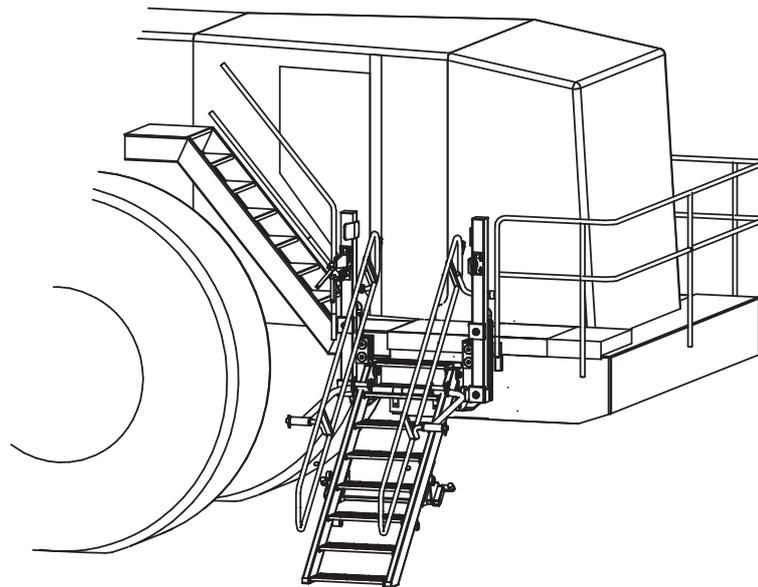


FOLDING STAIRWAY



Manual for Caterpillar 994 Loader



Model No.: PSA-CAT994-FS
Serial No.: PSA-994-002 ~
Date Manufactured: Jan 2014

FOLDING STAIRWAY

Caterpillar 994 Loader



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Page 3	Section 1 <u>Installation and Mounting Instructions</u> Installation Drawings:
7	Section 2 <u>Recommended Maintenance procedure</u>
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	Section 4 <u>Drawings and Repair Parts lists</u>
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FOLDING STAIRWAY

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Section 1 Installation Drawings Mounting Procedure PS-23873 Sheet 1 & 2

NOTE

Follow all on-site/Mine lifting and safety procedures when installing PSFS to Wheel Dozer

PROCEDURE

See Pages 4 & 5

1. With the stair latched in its' stowed position, locate the stair set against the side of the rear bumper as shown in **Views 1 and 2** and per the dimensions given in **View 3**. Weld the back plate of the stair base to the skin of the bumper with substantial tack welds.
2. Manually unlock the latch and lower the stair to its' deployed position, using lifting devices as required. Check that the stair (in both the original raised position and the deployed position) will be appropriate for use.
Report any problems to Power Step or make minor adjustments to suit.
3. With the stair deployed and a support (to suit) under the lower end of the stair, release the side isolator clamp bolt nuts and the shear isolator cap bolts (shown in View 4) as required to allow the base of the stair to tilt away from the back plate by a distance of about 10 or 12 mm at the top as shown in View 5. Be sure that the top clamp nuts are not undone so far that they allow the stair base to fall forward.
ALTERNATIVELY, the installer may choose to remove all of the side isolator clamp bolt nuts and all of the shear isolator clamp bolts and then fully remove the stair base and stair from the back plate before welding.
4. Weld the back plate to the bumper per View 3.
5. Cut away part of the bottom of the OEM ladder/stair stile that would be a trip hazard to stair users per View 6.
6. Reinstall the isolators.
7. Connect Stair hydraulics.

NOTE: The whole purpose of tilting the base away from the back plate or removing the base from the back plate in '3' above is to ensure that welding at the top of the back plate does not burn the rubber isolators. If the welding can be undertaken in small increments so that the isolators do not heat above 70Deg C without tilting or removing the base away, tilting/removing the base will not be required.

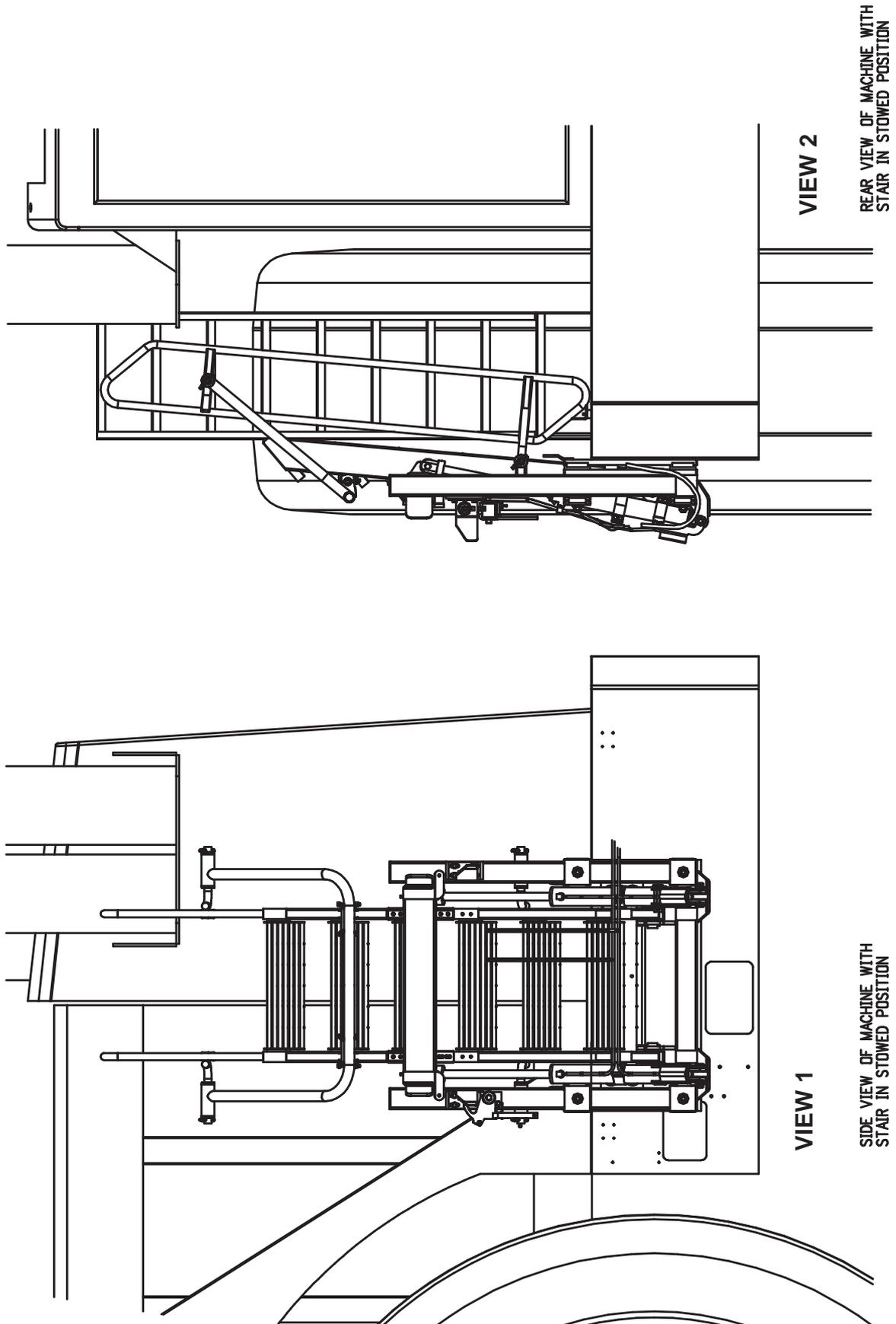
FOLDING STAIRWAY

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Section 1 Installation Drawings

PS-23873 Sheet 1



FOLDING STAIRWAY

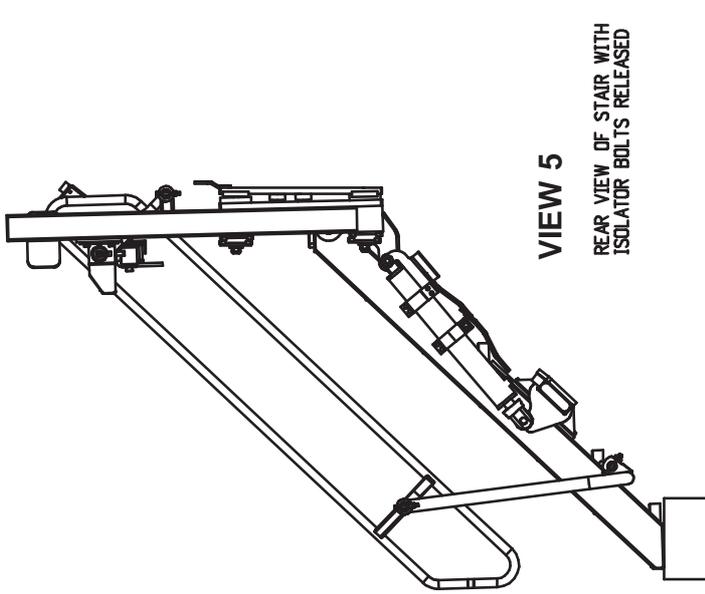
Caterpillar 994 Loader



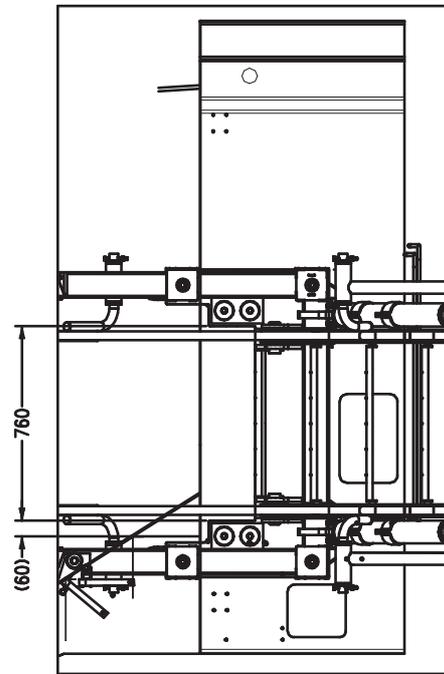
Section 1 Installation Drawings

Stair Set

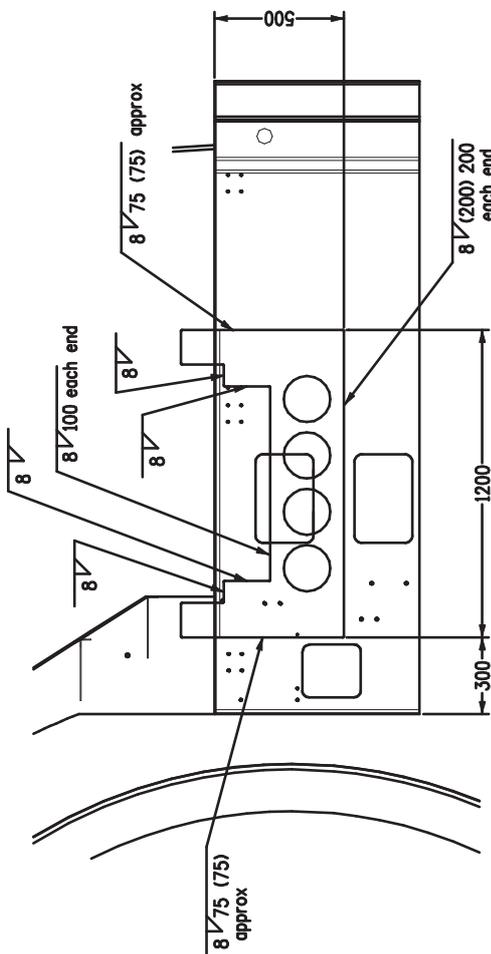
PS-23873 Sheet 2



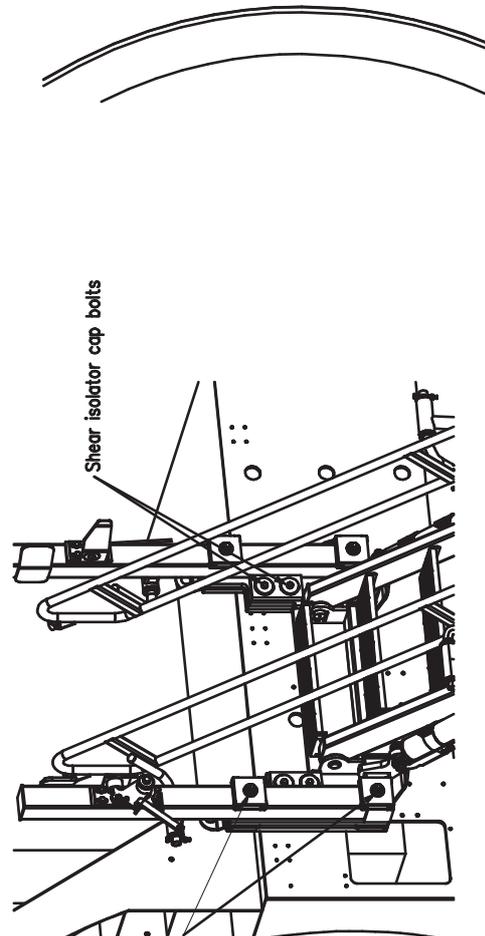
VIEW 5
REAR VIEW OF STAIR WITH
ISOLATOR BOLTS RELEASED



VIEW 6
TRIMMING OF OEM STAIR/LADDER STILE



VIEW 3
LOCATION OF BACK PLATE ON BUMPER
AND WELDING DETAILS



VIEW 4
PICTORIAL VIEW OF REAR CORNER
OF MACHINE WITH STAIR IN DEPLOYED
POSITION

FOLDING STAIRWAY

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Section 1 Installation and Mounting Instructions (cont.)

WARNING

Raising the POWER STEP platform by external means can create a vacuum in the hydraulic cylinder and create the opportunity to allow air into the hydraulic system, defeating the inherent safety features of the POWER STEP.

This must be avoided, to maintain safe operation of the POWER STEP.

In instances where the use of external means to raise the platform must be used, please follow the following instructions:

Loosen hard plumbed hydraulic lines on cylinder side of lock valve on cylinder.

Raise platform by available means.

Note: Make necessary arrangements to collect displaced oil, and be aware that air enters the piston side of the cylinder as platform is raised.

Lock in raised position.

Re-tighten hydraulic fittings.

SECURE THE PLATFORM IN THE RAISED POSITION, MECHANICALLY, CHAIN & TAGOUT THE POWER STEP

To recommission the POWER STEP:

Loosen hydraulic fittings on cylinder side of lock valve.

Note: Collect displaced oil.

Lower platform to lowest position, using alternate safety approved means, fully retracting cylinder. Ensure all personnel are clear of step radius.

Operate electrical control switch to purge air from the hydraulic line systems, lock valve and cylinder.

Tighten the hydraulic fittings either side of lock valves to restriction fittings.

Cycle step unloaded several times to purge all air from hydraulic system.

The Power Step will not operate correctly if there is any air in the hydraulic circuit (due to the incorrect operation of the lock valve).

NOTE.

**THE RELIEF PRESSURE OF THE POWERPACK IS TO BE SET TO 1500PSI.
IF THE POWERPACK IS REPLACED, THIS RELIEF PRESSURE WILL NEED TO BE
RESET USING INLINE GAUGES.**

FAILURE TO DO SO MAY RESULT IN ACCIDENT OR INJURY.

FOLDING STAIRWAY

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Section 2 Recommended Maintenance Procedure

Daily

Visually check stairway and structure for damage, loose components, handrails, etc.

Check for hydraulic oil leaks from hydraulic cylinders, plumbing and hoses.

Notify the appropriate supervisor for any observed damage or malfunction.

500 Hours

Grease 2 grease nipples on hinge pins
Check main mounting bolts for torque.

Check hydraulic oil level in power pack and top up as necessary. (Stairway in raised position).

Top up using same hydraulic oil as used in hydraulics of machine.
Thoroughly check all electrical wiring for damage, replace as necessary.

Repeat daily check as above

5000 Hours

Change hydraulic oil in tank of hydraulic power pack (5.0 litres)

It is recommended that the same hydraulic oil be used in the power pack as the hydraulics of the machine.

Check and inspect all main bolts on stairway system.
Retorque if required.

Repeat daily check as above

FOLDING STAIRWAY

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Section 3 Operating Procedure

To Lower Stairway (from the machine)

Position machine in a level, safe area, away from the work face, whenever possible. Apply park brake and lower engine speed to idle.

Check that the area below the Ladder Access System is clear of people and obstacles, and lower ladder by operating the two position electrical switch adjacent to the ladder, to the down position by pressing the switch down.

Hold the switch in the down position until ladder is fully lowered.

If the truck is parked on uneven ground, the bottom of the stairway may touch the ground before the ladder is in the fully lowered position.

Should this occur, descend the ladder with caution.

To Raise Stairway

Ascend the ladder onto the landing of the Loader.

Ensure the area around the ladder is clear of people and standing to the side, clear of the area the handrails and ladder raises into, operate the electrical switch to the raise position (up).

Hold the switch in the up position until the ladder is in the fully raised position.

The ladder is now raised and stored.

OPERATING NOTES

NOTE: FLOW CONTROL VALVE ADJUSTMENT:

The valve should be positioned to restrict the flow and speed of the Power Step when lowering. Adjust the knob on top of the valve by turning left or right (clockwise) when the step is being lowered, until it is lowering at a safe and reasonable speed.

When it is adjusted, lock the adjusting knob by tightening the grub screw located on the side of the knob.

NOTE: MAGNETIC 'GO' SWITCH ADJUSTMENT:

The switch target trigger area is located on the opposite side and end from the cable entry point on the switch. Once it is mounted to the switch bracket, adjust the switch in or out from the stair steel trigger point, to be within 3mm - 10mm from touching each other when the stair is in the desired rest position.

[DO NOT EXCEED 10mm DISTANCE BETWEEN THE SWITCH AND STRIKER PLATE].

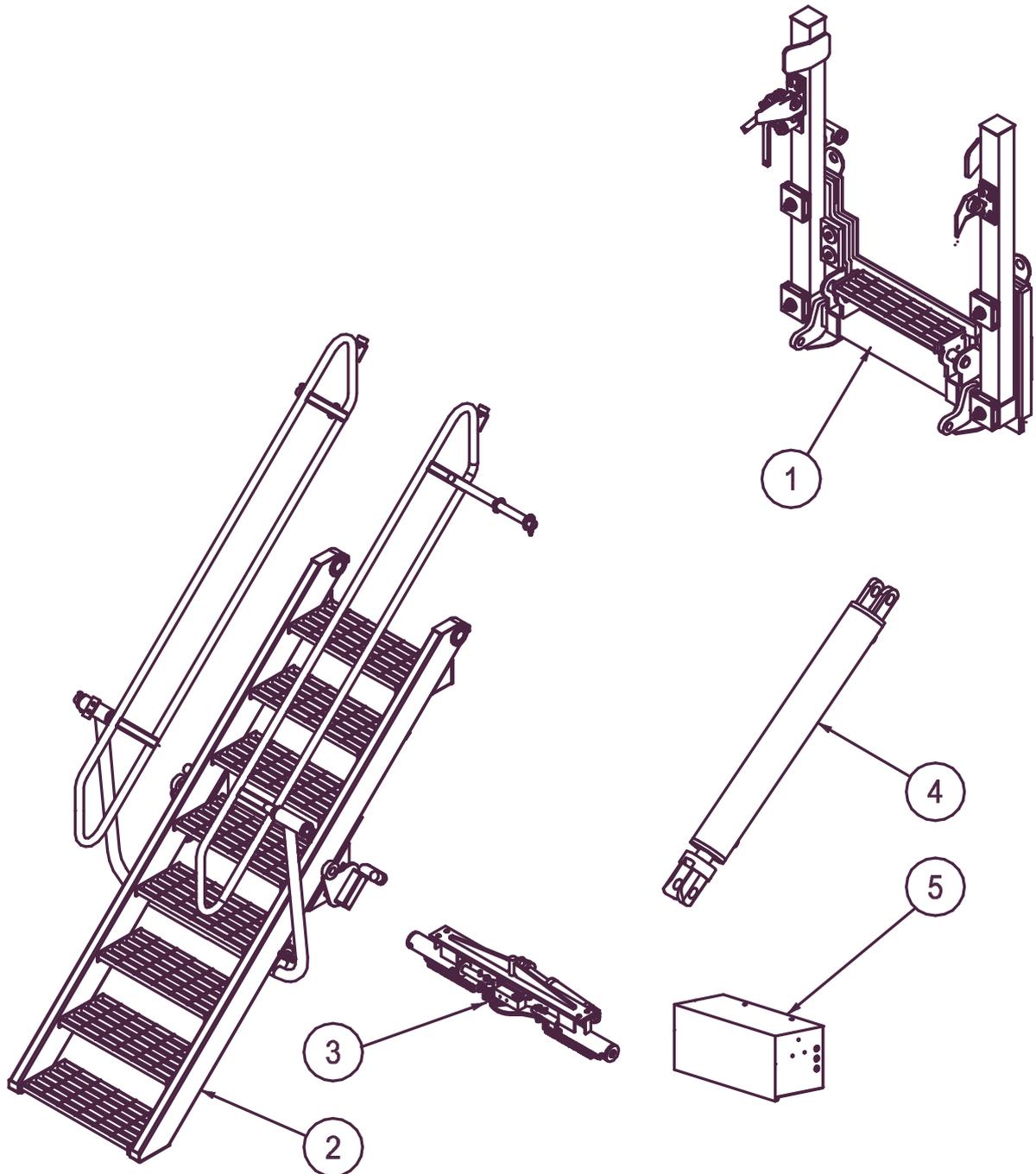
Test by raising and lowering the Power Step a couple of times and adjust again if necessary.

FOLDING STAIRWAY

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Section 4 Assembly Complete



FOLDING STAIRWAY

Caterpillar 994 Loader



Section 4 Assembly Complete

See Drawing Page 9

ITEM	PART NO.	PART NAME	QTY		
	PSA-CAT 994-FS	ASSEMBLY COMPLETE	1		
1	PS-23838-A	STAIR BASE FRAME & MOUNTING	1		
2	PS-23852-A-994	STAIR ASSEMBLY	1		
3	PS-23847-A	LATCH ASSEMBLY	1		
4	PS-62996-A	HYDRAULIC CYLINDERS (Stair)	1		
5	PS-80103A-SLD	POWER PACK	1		

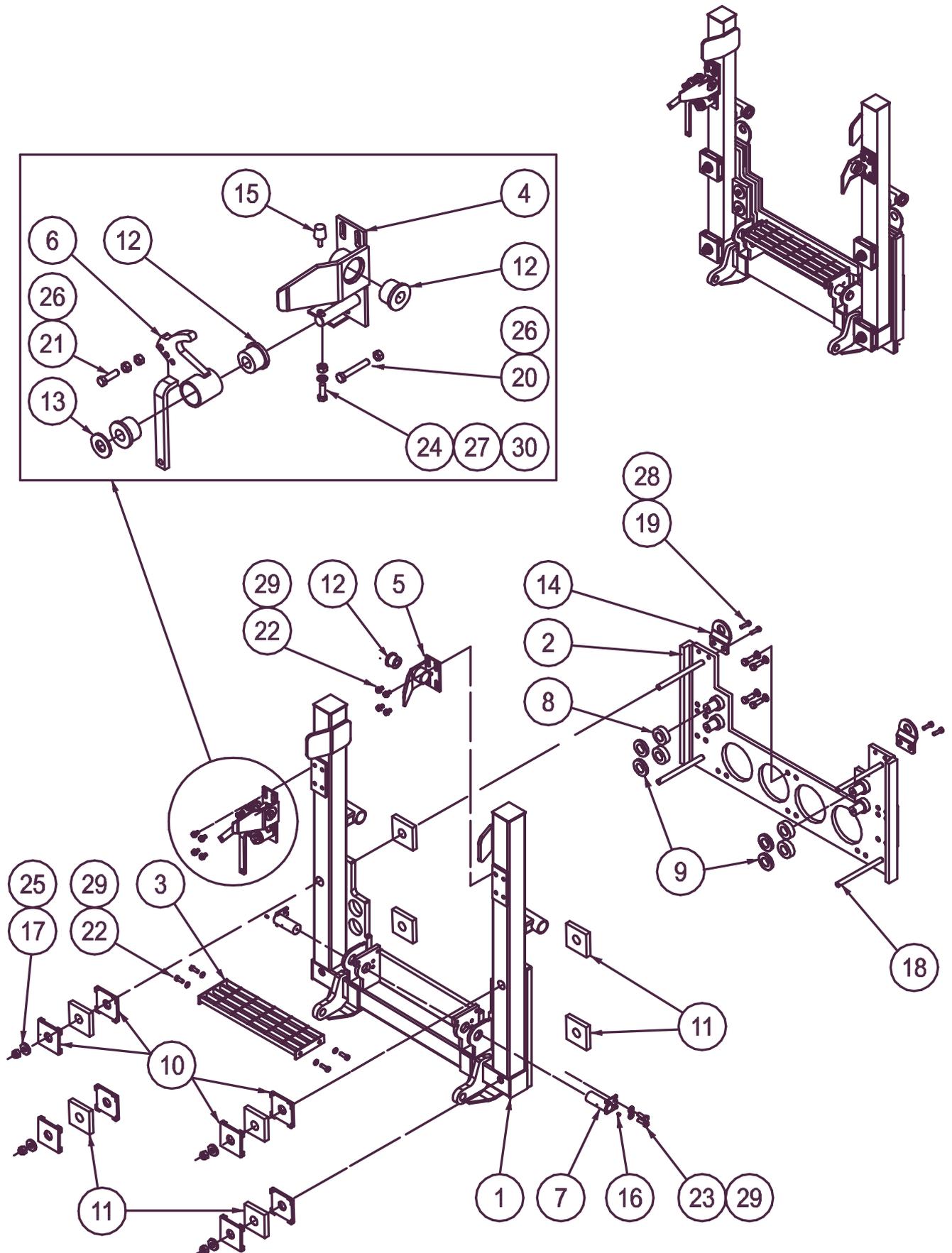
FOLDING STAIRWAY

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Section 4.1 Stair Base Frame and Mounting Assembly PS-23838-A

See Parts List Pg. 12



FOLDING STAIRWAY

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Section 4.1 Stair Base Frame and Mounting

PS-23838-A

See Drawing Page 11

PS-23838-A (Excl.Items 2, 3, 14, 18, 19, 25, 28, 29)

Item	Part No.	Part Name	Qty		
1	PS-23838	BASE FRAME	1		
2	PS-24831	ISOLATOR MOUNTING PLATE	1		
3	PS-23839	TOP STAIR TREAD	1		
4	PS-23841-98	STRIKER-LEFT SIDE	1		
5	PS-23841-99	STRIKER-RIGHT SIDE	1		
6	PS-23854A	MANUAL RELEASE LEVER	1		
7	PS-23828	HINGE PIN	2		
8	PS-23836-02	SHEAR ISOLATOR ELEMENT	4		
9	PS-23834-01	SHEAR ISOLATOR CAP	4		
10	PS-23833-99	ISOLATOR COVER PLATE	8		
11	PS-23836-01	FACE ISOLATOR ELEMENT	8		
12	PS-23846-02	LATCH BUSH	8		
13	PS-23846-03	RELEASE LEVER SPACER	1		
14	PS-23860	LIFT LUG	2		
15	PS-1066553	LATCH LEVER BUFFER Mackay 12252555 M6	1		
16	PS-61006-2	GREASE NIPPLE M6	2		
17	PS-23834-03	FACE ISOLATOR WASHER	4		
18	PS-M20X250	THREADED ROD-M20 x 250	4		
19	S-M16X35ZP	BOLT-M16 x 35	4		
20	CPS-M12X75ZP	BOLT-M12 x 75	1		
21	CPS-M12X35ZP	BOLT-M12 x 35	2		
22	CPS-M12X25ZP	BOLT-M12 x 25	8		
23	CPS-M12X20ZP	BOLT-M12 x 20	8		
24	CPS-M8X35ZP	BOLT-M8 x 35	1		
25	CPS-M20NZP	NUT-M20	6		
26	PS-M12NZP	NUT-M12	4		
27	PS-M8NZP	NUT-M8	1		
28	CPS-M16WH	WASHER-HARDENED-M16	8		
29	CPS-M12WH	WASHER-HARDENED-M12	16		
30	CPS-M8WH	WASHER-HARDENED-M8	2		

FOLDING STAIRWAY

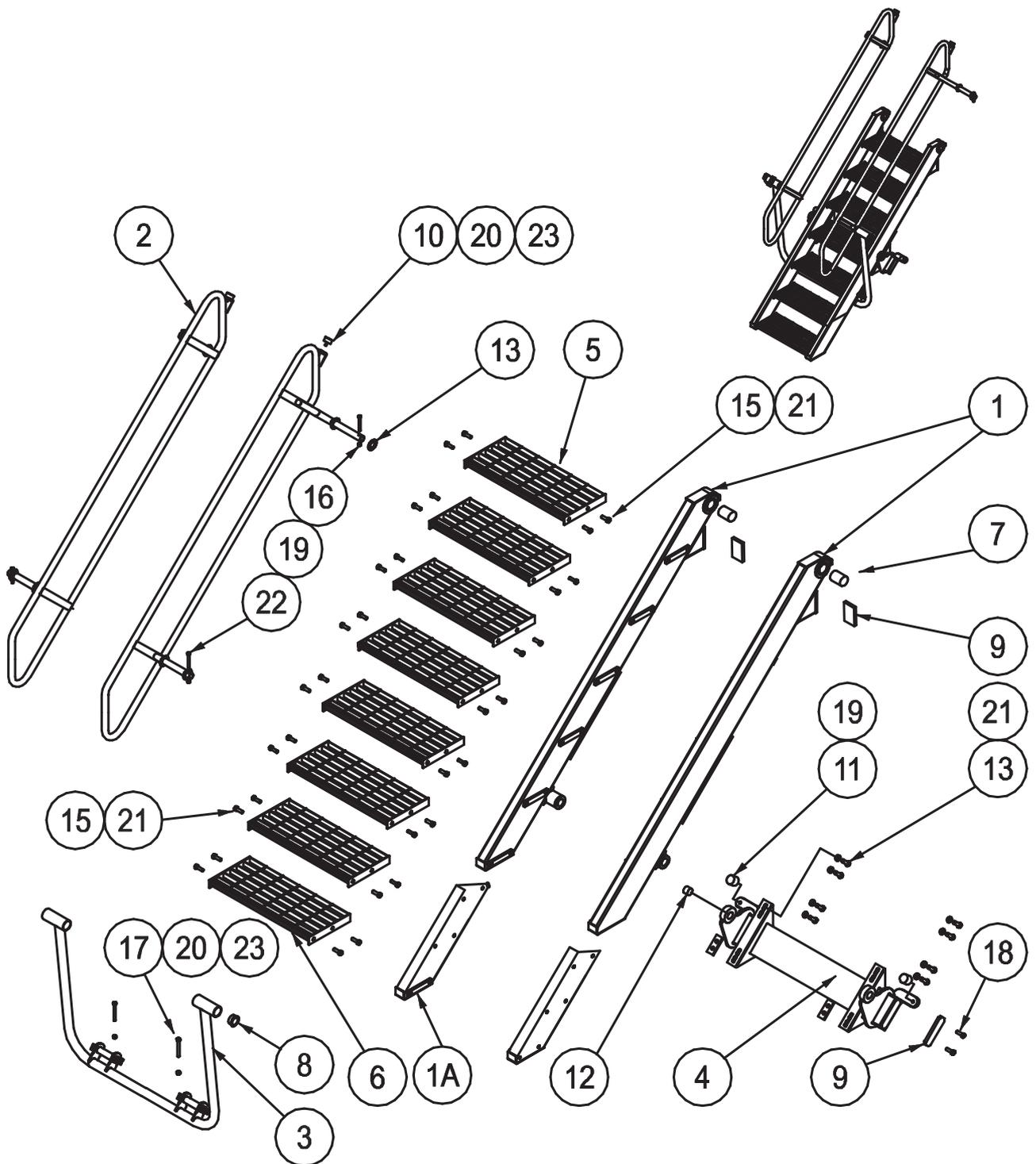
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Section 4-2 Stair Assembly

See Parts List Page 14

PS- 23-852A-994



FOLDING STAIRWAY

Caterpillar 994 Loader



Section 5-2 Stair Assembly

PS- 23852A-994F

See Drawing Page 13

Item	Part No.	Part Name	Qty		
1	PS-23852A	STAIR STILE (6 Tread)	2		
1A	PS-23865	STAIR EXTENSION - (TwoTread)	1set		
2	PS-23862	STAIR HANDRAILS	2		
3	PS-23863	HANDRAIL LINK POST	1		
4	PS-23849	STAIR ACTUATOR BEAM	1		
5	PS-22266	STAIR TREAD	8		
6	PS-32266-SAN	NON SLIP NOSING	9		(Incl.Top Step)
7	PS-23857	HINGE BUSH	2		
8	PS-23858	HANDRAIL BUSH	4		
9	PS-23848-07	BUMPER PAD (Rubber)	2		
10	PS-40002	BUFFER-RUBBER- M8	2		
11	PS-40003	BUFFER-RUBBER- M10	2		
12	PS-23849-01	BUSH-(Stair Actuator Beam)	2		
13	PS-23853-05	WASHER	4		
14	CPS-M12X30ZP	BOLT-M12 x 30	4		
15	CPS-M12X20ZP	BOLT-M12 x 20	24		
16	CPS-M10X85ZP	BOLT-M10 x 85	4		
17	CPS-M8X75ZP	BOLT-M8 x 75	4		
18	CPS-M6X15ZP	BOLT-M6 x 15	4		
19	CPS-M10NN	NUT-NYLOC-M10	4		
20	CPS-M8NN	NUT-NYLOC-M8	4		
21	CPS-M12WH	WASHER-HARDENED-M12	28		
22	CPS-M10WH	WASHER-HARDENED-M10	10		
23	CPS-M8WH	WASHER-HARDENED-M8	10		

FOLDING STAIRWAY

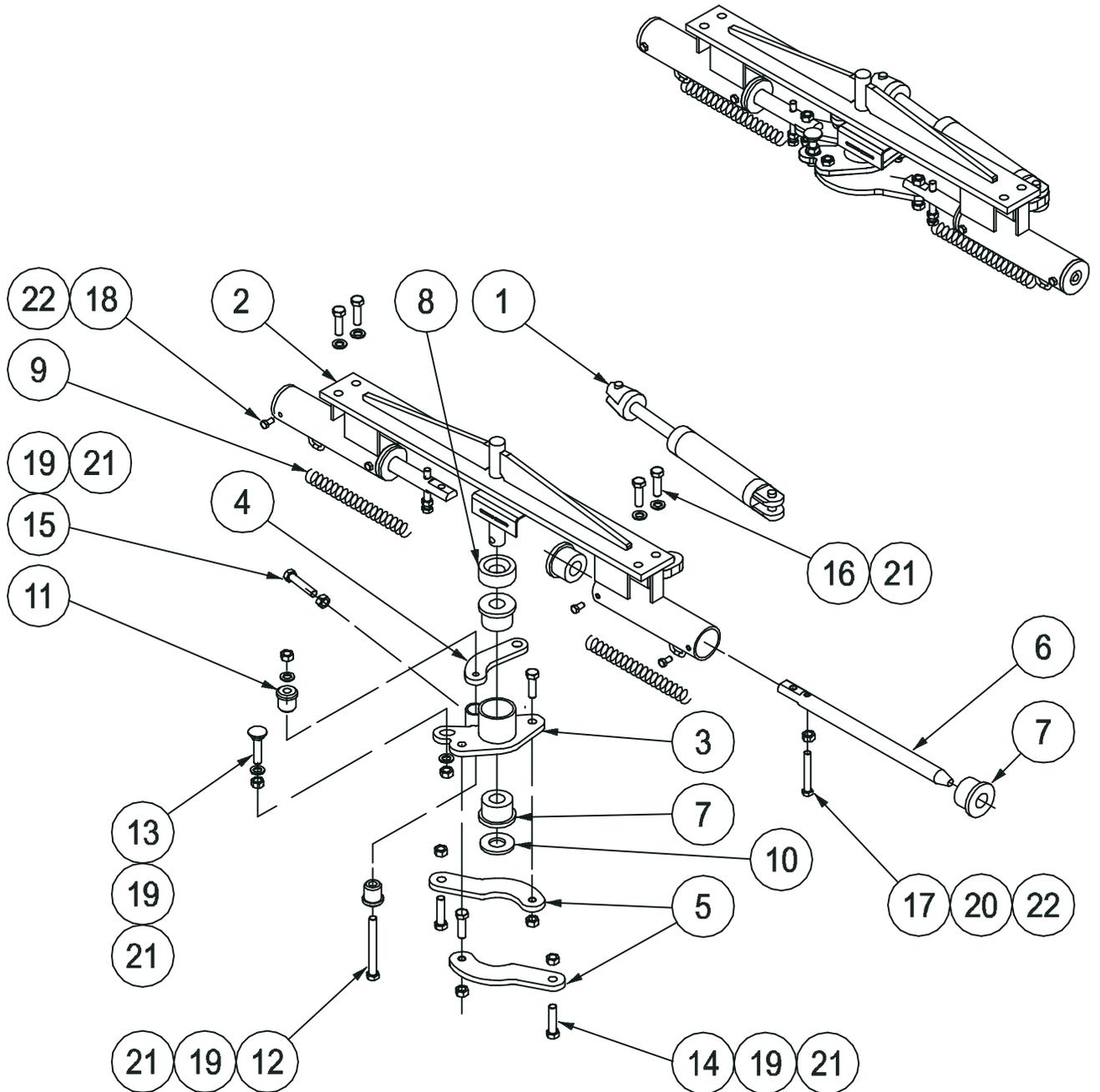
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Section 4-3 Latch Assembly

PS-23847-A

See Parts List Pg. 16



FOLDING STAIRWAY

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Section 4-3 Latch Assembly

PS-23847-A

See Drawing Page 15

Item	Part No.	Part Name	Qty		
1	PS-62997	CYLINDER	1		
2	PS-23842	LATCH BASE	1		
3	PS-23845-99	LATCH WRIST	1		
4	PS-23845-98	ACTUATOR ARM	1		
5	PS-23844-01	BOLT LINK	2		
6	PS-23843	LATCH BOLT	2		
7	PS-23846-02	LATCH BUSH	6		
8	PS-23846-01	WRIST SPACER	2		
9	PS-39008-SPRING	SPRING	2		
10	PS-23844-02	WASHER	4		
11	PS-S245	LATCH BUSH-(WRIST PLATE) S245	2		
12	PS-M12X110ZP	BOLT-M12 x 110	1		
13	CPS-M12X55ZP	BOLT-M12 x 55 (Striker)	1		
14	CPS-M12X40ZP	BOLT-M12 x 40	4		
15	CPS-M12X35ZP	BOLT-M12 x 35	1		
16	CPS-M12X25ZP	BOLT-M12 x 25	4		
17	CPS-M10X75ZP	BOLT-M10 x 75	2		
18	CPS-M10X15ZP	BOLT-M10 x 15	4		
19	CPS-M12NZP	NUT-M12	1		
20	CPS-M10NZP	NUT-M10	6		
21	CPS-M12WH	WASHER-HARDENED-M12	12		
22	CPS-M10WH	WASHER-HARDENED-M10	6		

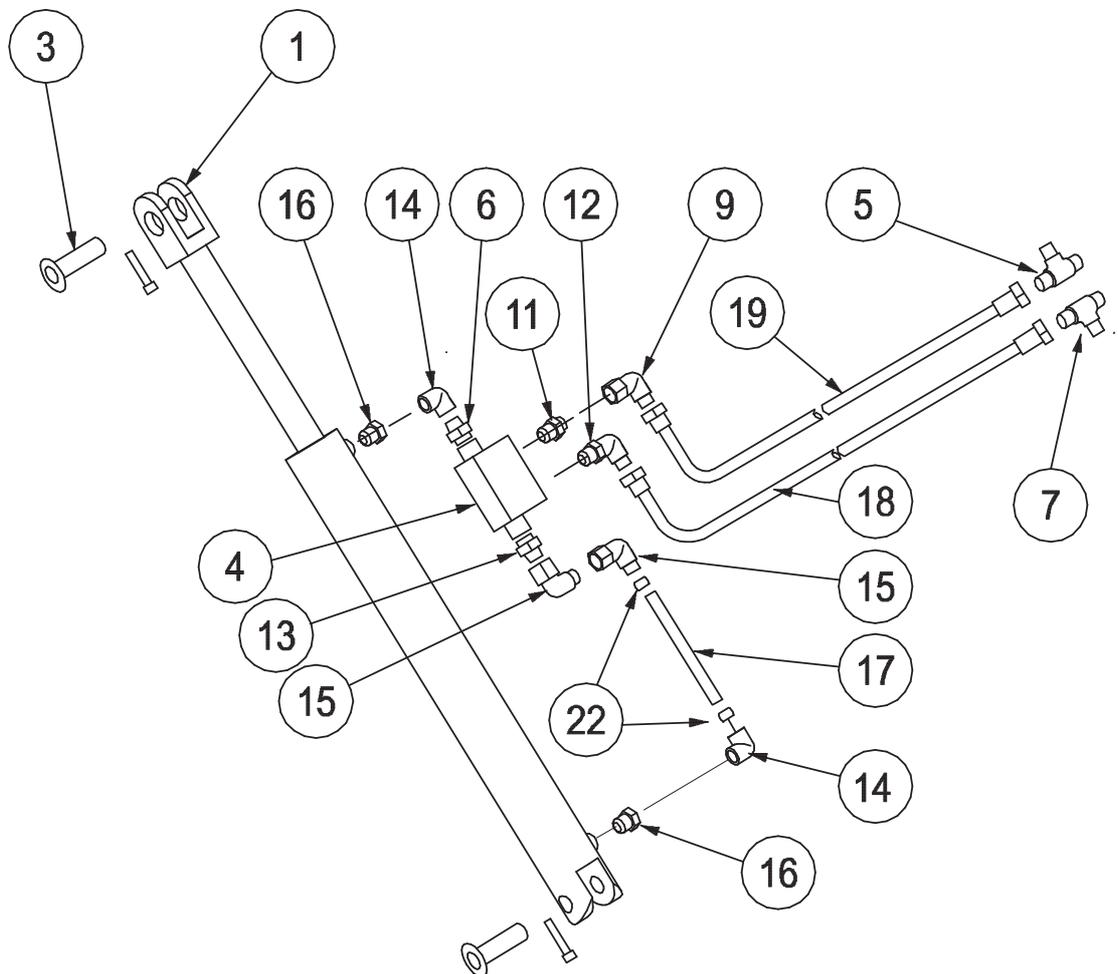
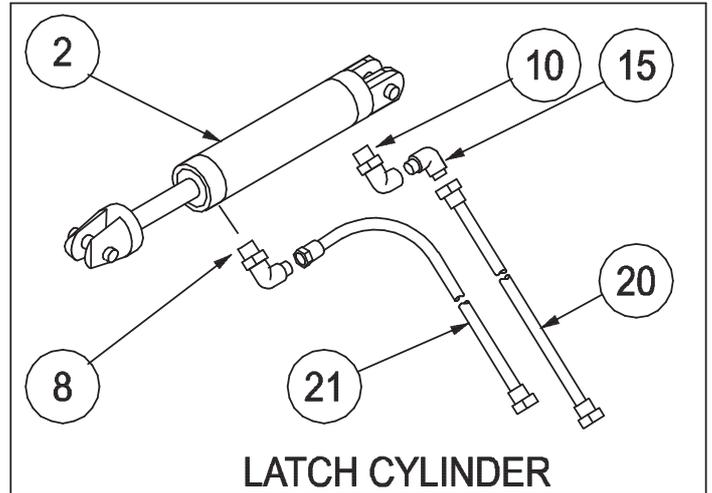
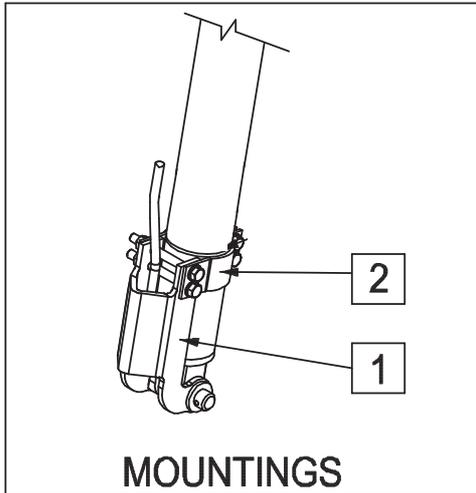
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Section 4-4 Hydraulic Cylinder & Plumbing

Cyl. P/No. PS- 62996-AH
Latch Cyl. PS- 62997-A



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Section 4-4 Hydraulic Cylinders & Plumbing

See Drawing 17

STAIR & LATCH CYLINDERS

PS-62996-HPK-FS Hard Plumbing Kit (Items 4, 6, 9, 11 - 15, 17 & 22)

Item	Part No.	Part Name	Qty		
1	PS-62996-A	HYDRAULIC CYLINDER ASSEMBLY	1		
-	PS-63103	SEAL KIT-STAIR (NOT SHOWN)	1		
2	PS-62997	HYDRAULIC CYLINDER - LATCH	1		
-	PS-62997-SK	SEAL KIT-LATCH (NOT SHOWN)	1		
3	PS-23856	CYLINDER PINS	2		
4	PS-63201	VALVE - PILOT OPERATED LOCKING	1		
5	PS-61140	FITTING-T -7/16"	1		
6	PS-61145	FITTING - 9/16" JIC SWIVEL	1		
7	PS-61149	FITTING - T 9/16"	1		
8	PS-61150	FITTING - ELBOW 7/16"	1		
9	PS-61151	FITTING - ELBOW 7/16"	1		
10	PS-61152	FITTING - ELBOW 9/16"	1		
11	PS-61153	FITTING - 1/4" BSPPx7/16" STRAIGHT	1		
12	PS-61154	FITTING - ELBOW- O RING 1/4BSPPx9/16" JIC	1		
13	PS-61157	FITTING - STRAIGHT 1/4"BSPPx9/16" JIC	1		
14	PS-61158-5mm	FITTING - 5mm RESTRICTION 90 DEG	2		
15	PS-61159	FITTING- ELBOW 9/16"	3		
16	PS-61163	REDUCER JIC x BSPP	2		
17	PS-61160	TUBE-900/1200	1		
18	PS-60051-1.2M 9/16	HOSE-HYDR. (9/16" JIC ST. SWIVEL 1.2M)	1		
19	PS-60050-1.2M 7/16	HOSE-HYDR. (7/16" JIC ST. SWIVEL 1.2M)	1		
20	PS-60051-1.65M 9/16	HOSE-HYDR. (9/16" JIC ST. SWIVEL 1.65M)	1		
21	PS-60050-1.8M 7/16	HOSE-HYDR. (7/16" JIC ST. SWIVEL 1.8M)	1		
22	PS-60031-FT	FERRULES	2		

MOUNTINGS

Item	Part No.	Part Name	Qty		
1	PS-23855-98	PORT SHIELD PLATE	1		
2	PS-23855-02-5	PORT SHIELD CLAMP	2		

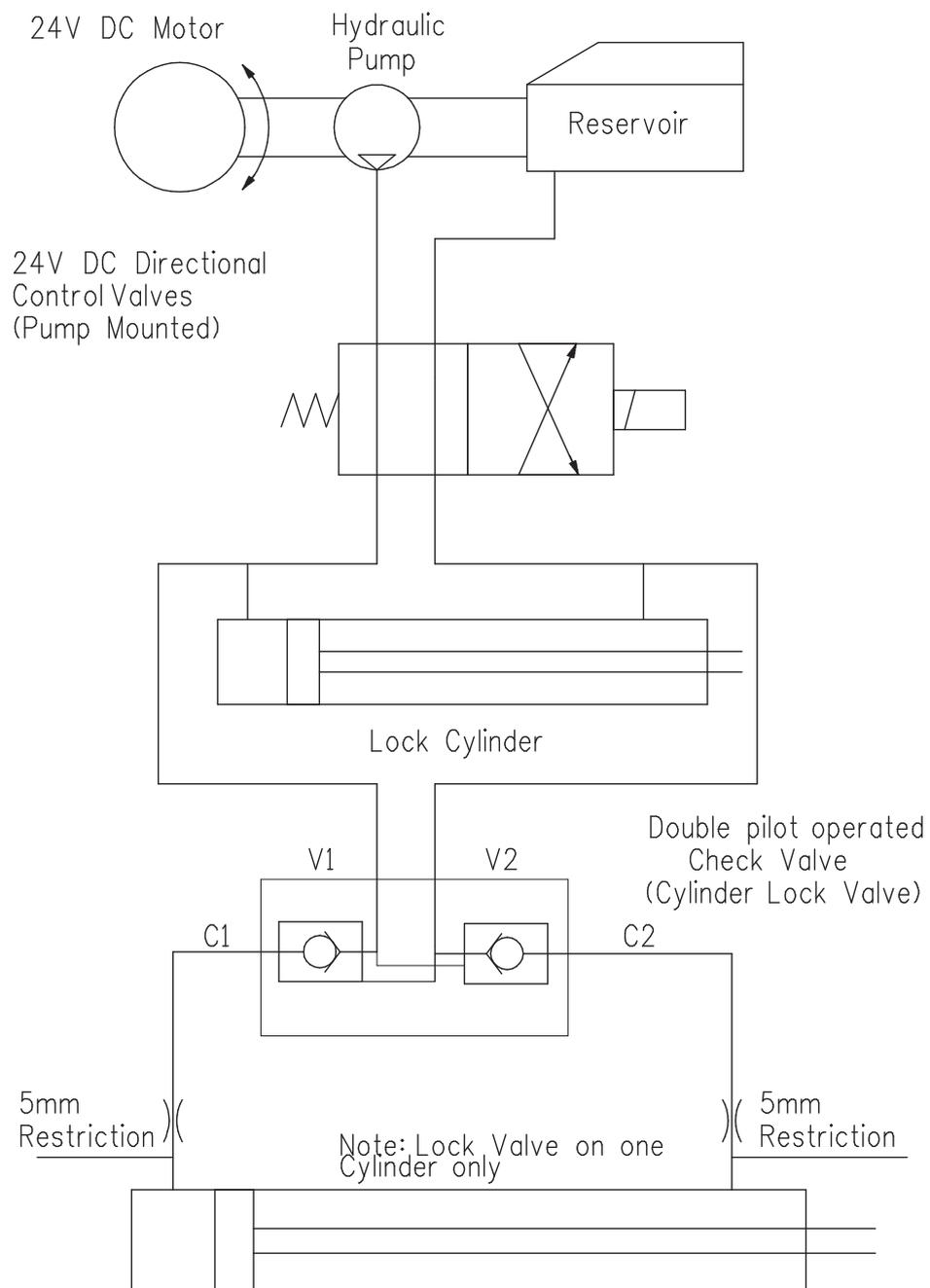
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Section 4-4 Hydraulics (Valve Diagram)

Double Acting Hydraulic System with
directional Control Valve and Cylinder
Lock Valve



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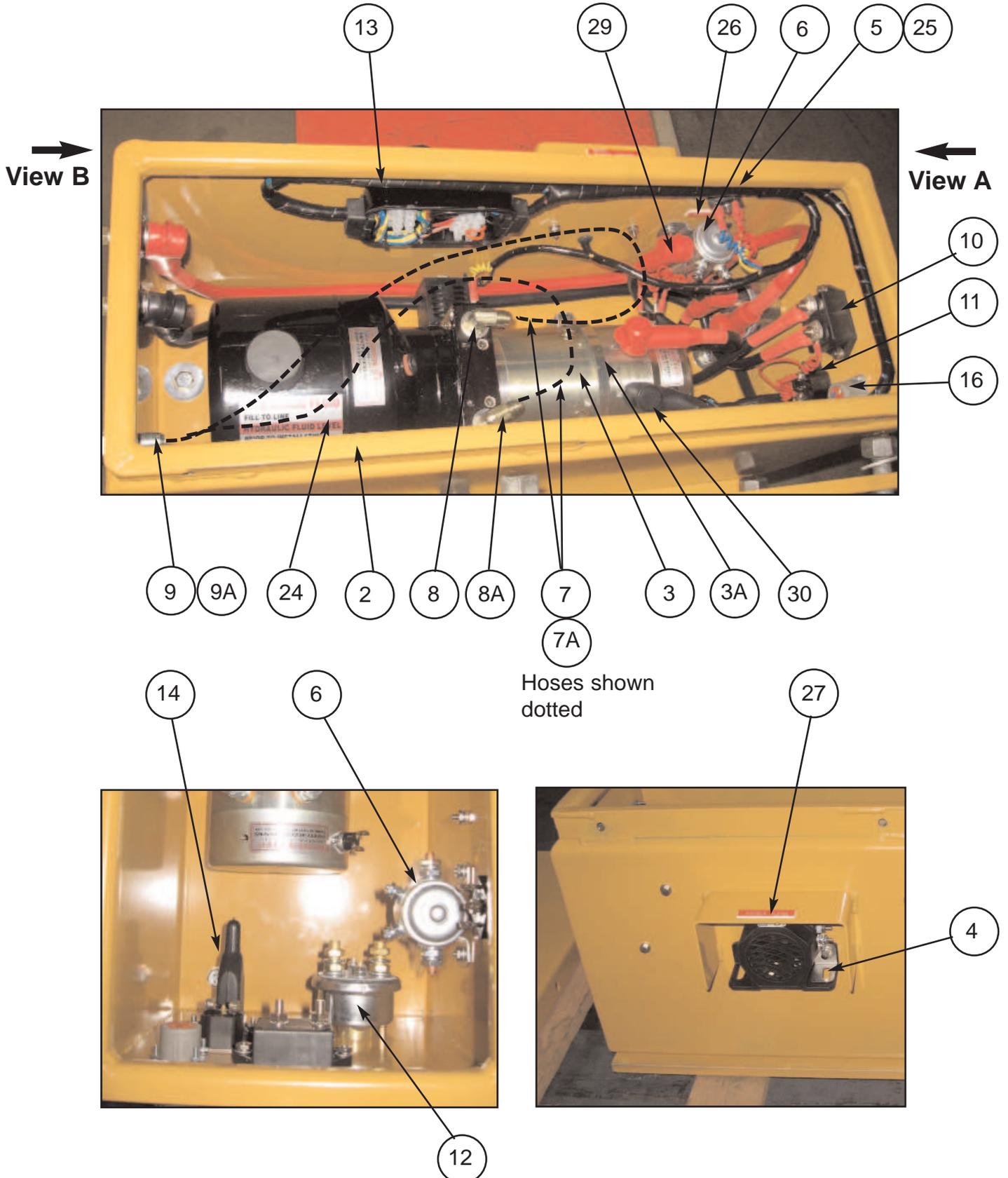
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Section 4-5 Power Pack

PS- 80103A-SLD

See Parts List Pg 22



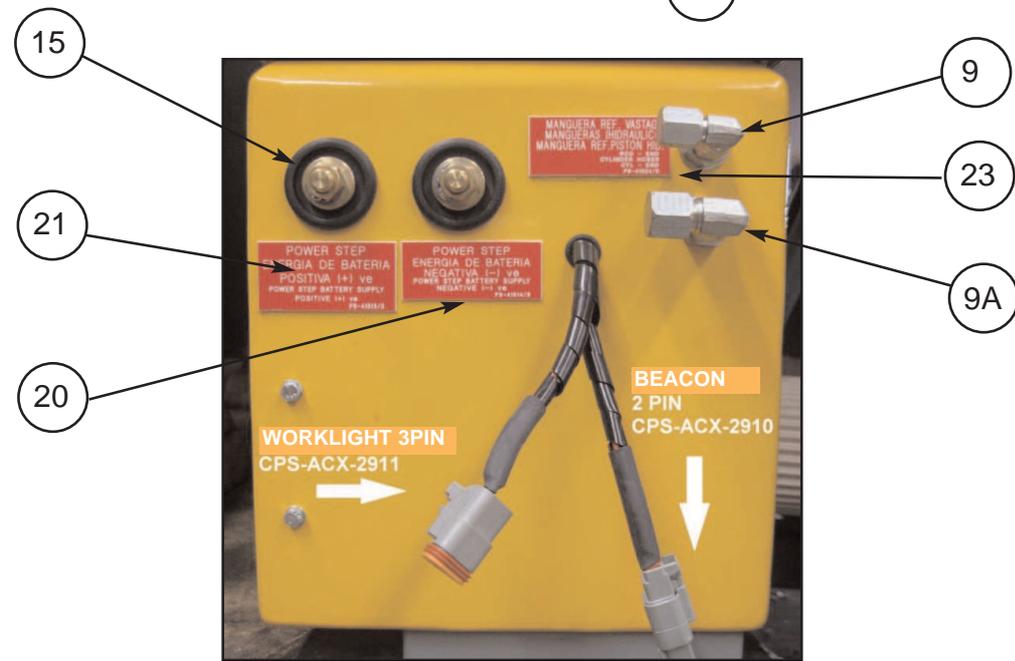
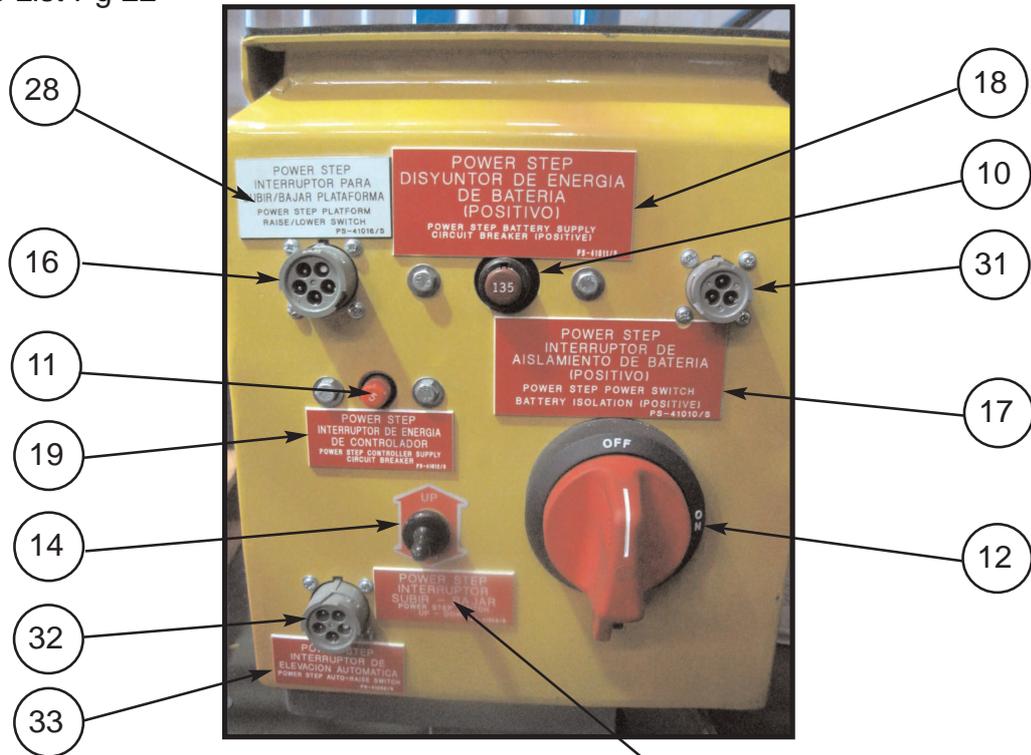
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Section 4-5 Power Pack PS-80103A-SLD



See Parts List Pg 22



NOTE.
THE RELIEF PRESSURE OF THE POWERPACK IS TO BE SET TO 1500PSI.
IF THE POWERPACK IS REPLACED, THIS RELIEF PRESSURE WILL NEED TO BE RESET USING INLINE GAUGES.
FAILURE TO DO SO MAY RESULT IN ACCIDENT OR INJURY

FOLDING STAIRWAY

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Section 4-5 Power Pack

PS-80103A-SLD

See Photos Pg 20 & 21

Item	Part No.	Part Name	Qty		
1	PS-80103A-SLD	POWER PACK ASSEMBLY	1		
2	PS-21107-METAL	MOTOR ENCLOSURE- SEALED ST/ST	1		
3	PS-80103A	POWER PACK	1		
3A	PS-80103-CLAMP	CLAMP ELECTRIC MOTOR	1		
4	PS-82415	AUDIBLE ALARM	1		
5	PS-84214	BRIDGE RECTIFIER	1		
6	PS-82492	SOLENOID 24V START MOTOR	1		
7	PS-60051-900MM 9/16"	HYDR. HOSES 9/16" JIC STRAIGHT SWIVEL	1		
7A	PS-60050-900MM 7/16"	HYDR. HOSES 7/16" JIC STRAIGHT SWIVEL	1		
8	PS-61152	HYDRAULIC FITTING 9/16"	1		
8A	PS-61150	HYDRAULIC FITTING 7/16"	1		
9	PS-61177	HYDRAULIC FITTING 9/16"	1		
9A	PS-61176	HYDRAULIC FITTING 7/16"	1		
10	PS-84213	135A CIRCUIT BREAKER	1		
11	PS-84212	5A CIRCUIT BREAKER	1		
12	PS-84303	ISOLATION SWITCH- (INCLUDING BRACKET)	1		
13	PS-1712080	SEALED WIRING BOX	1		
14	PS-73012	TOGGLE SWITCH KIT	1		
15	PS-82493	BATTERY FEED STUDS	2		
16	PS-HD10-5-16P	5 PIN SOCKET	1		
17	PS-41010	DECAL-Battery Isolation	1		
18	PS-41011	DECAL-Battery Supply C/B-135A	1		
19	PS-41012	DECAL-Controller Supply C/B-5A	1		
20	PS-41013	DECAL-Battery Supply-Positive	1		
21	PS-41014	DECAL-Battery Supply-Negative	1		
22	PS-41023	DECAL-Up/Down	1		
23	PS-41024	DECAL HYDRAULIC-HOSES	1		
24	PS-41041	DECAL OIL TANK	1		
25	PS-41019	DECAL BRIDGE RECTIFIER	1		
26	PS-41017	DECAL SOLENOID	1		
27	PS-41018	DECAL ALARM	1		
28	PS-41016	DECAL RAISE/LOWER SWITCH	1		
29	PS-73010	RUBBER BOOT RED	4		
30	PS-73009	RUBBER BOOT BLACK	2		
31	PS-HD10-3-16P	3 PIN SOCKET (PARK BREAK)	1		
32	PS-HD10-5-16P	5 PIN SOCKET (AUTO-RAISE)	1		
33	PS-41032	DECAL AUTO-RAISE SOCKET	1		

FOLDING STAIRWAY

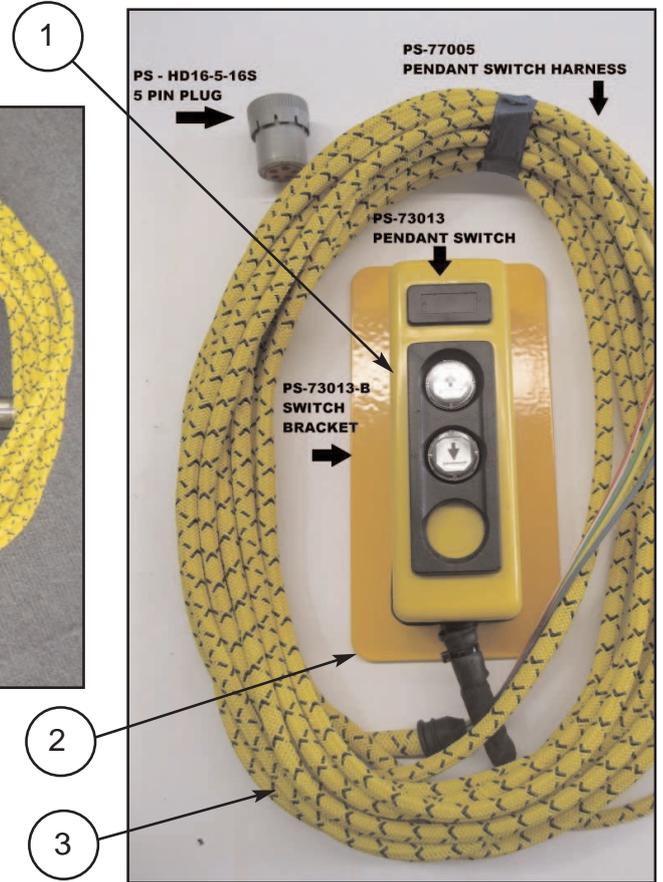
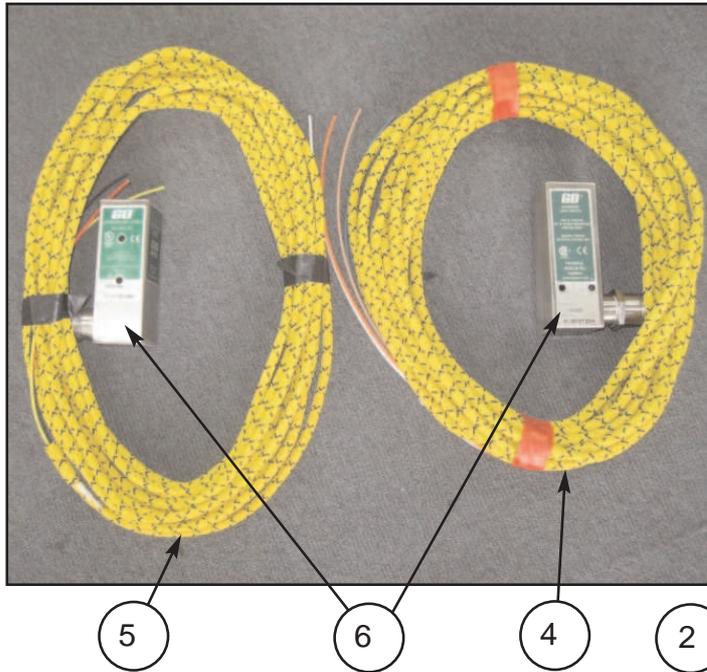
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Section 4-6 Electrical Controls

Control Pendant Switch Mounted on Handrail

Proximity Switch Assembly Mounted on Fixed Landing



Cab Harness & Equipment Refer Wiring Harness Drawings



FOLDING STAIRWAY

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Section 4-6 Electrical Controls

See Page 23

Item	Part No.	Part Name	Qty		
1	PS-73013	CONTROL PENDANT SWITCH	1		
2	PS-73013-B	CONTROL PENDANT BRACKET	1		
3	PS-77005	HAND RAIL SWITCH HARNESS	1		
4	PS-77009AR	AUTO RAISE HARNESS	1		
5	PS-77004	CABIN TO SWITCH HARNESS	1		
6	PS-75430	PROXIMITY SWITCH	2		
7	PS-77002	CABIN BOX LED LIGHT INDICATOR	1		
8	PS-77003	WIRING HARNESS IN CABIN	1		
9	PS-7011	CABIN EXTENSION HARNESS	1		(Not Shown)

WARNING

LOW VOLTAGE BATTERIES WILL HARM THE FUNCTION OF THE POWER PACK AND THE CONTROL SWITCHES.

DAMAGE RESULTING DUE TO LOW VOLTAGE BATTERIES WILL VOID WARRANTY ON ALL ELECTRICAL COMPONENTS.

FOLDING STAIRWAY

Caterpillar 994 Loader

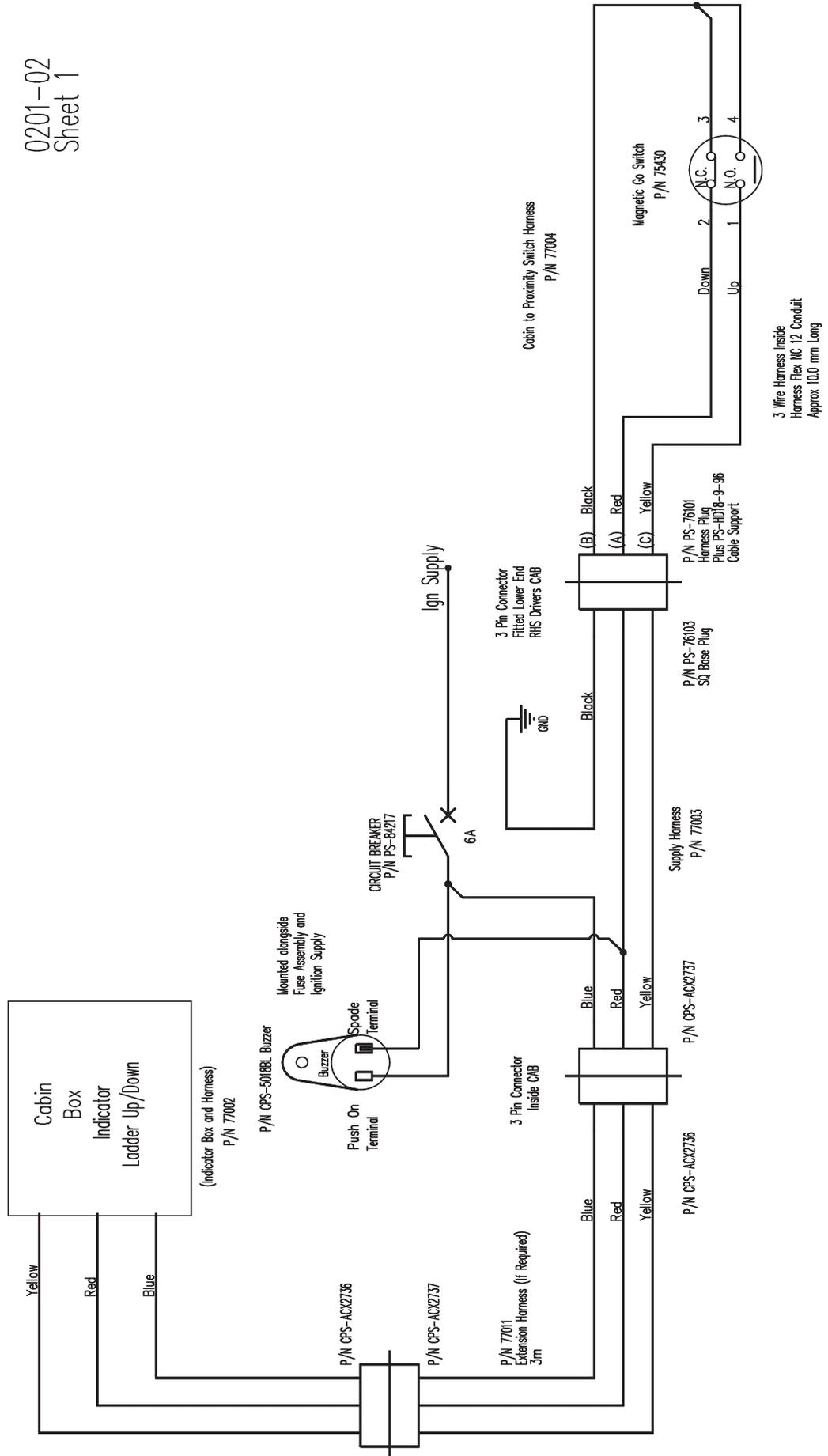


Section 4-6 Electrical Controls Wiring Diagrams Page 1

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Sheet 1

WIRING HARNESS

LADDER UP/DOWN



FOLDING STAIRWAY

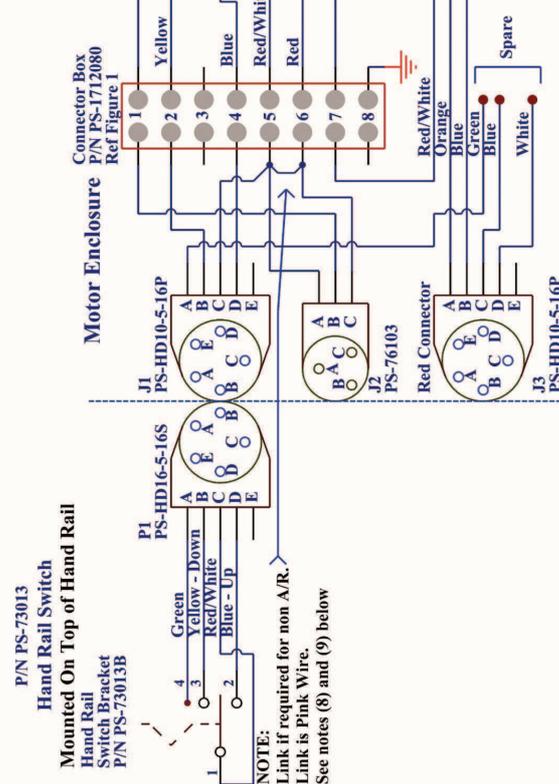
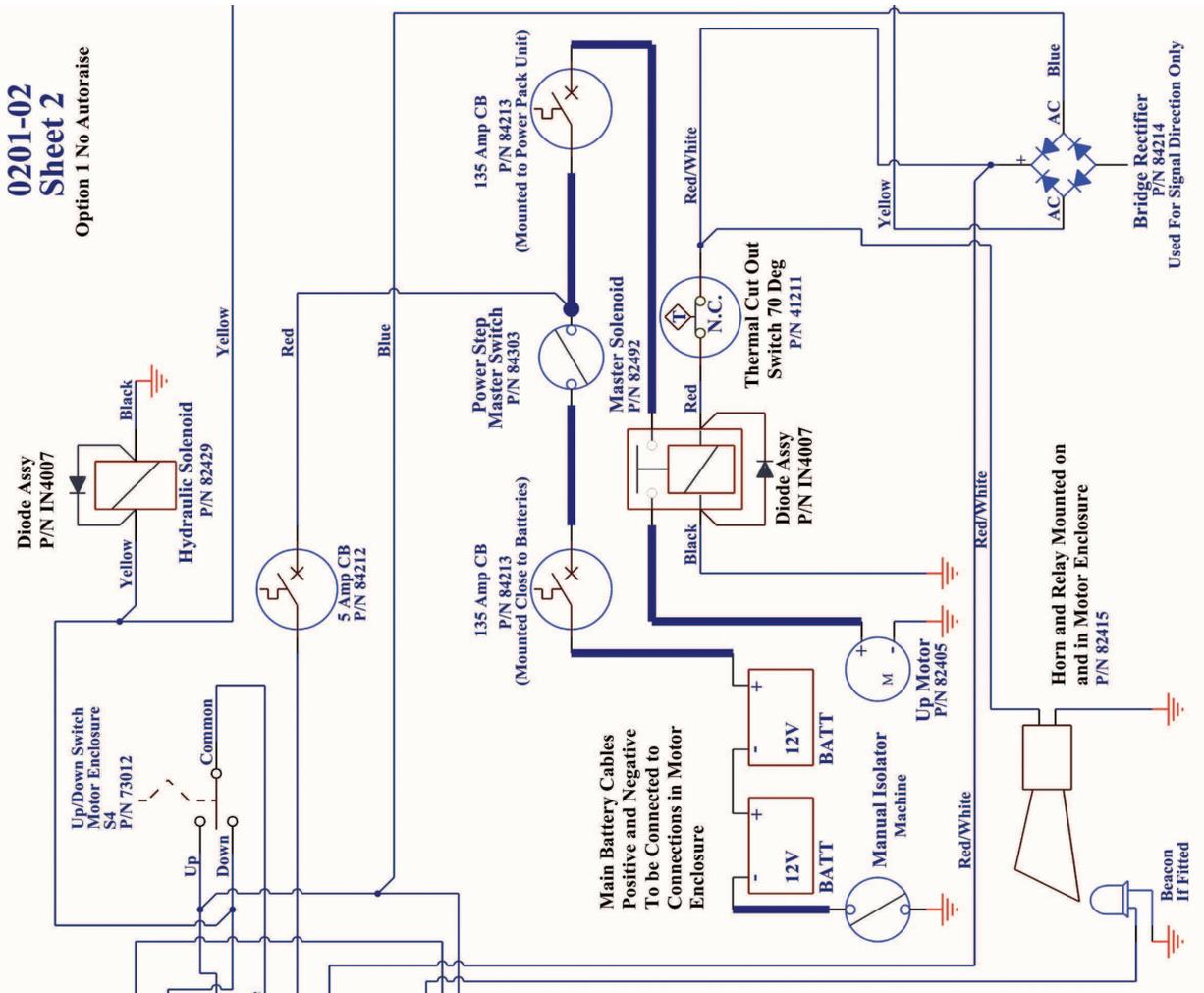
Caterpillar 994 Loader



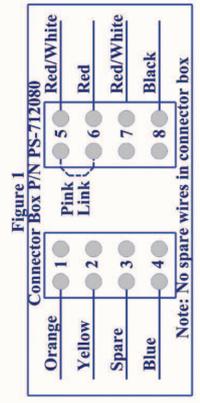
Section 4-6 Electrical Controls Wiring Diagrams Page 2 Non-Auto Raise

0201-02
Sheet 2

Option 1 No Autoraise



- NOTES:**
- (1) CAB Box Warning Lamps Supplied PS-77006
 - (2) Hand Rail Switch Harness Supplied with Switch PS-73013
Switch Bracket PS-73013B
 - (3) CAB Box Wiring Supplied PS-77002
 - (4) Harness CAB Wiring Supplied PS-77003
 - (5) Magnetic GO Switch Plus Wiring PS-75430
Harness Supplied (Mounted on Step) PS-77004
 - (6) Park Brake shown Released (Off)
 - (7) 135 Amp Circuit Breaker Supplied for Power Supply take off batteries PS-84213
Plus - Decal PS-41011
 - (8) Link pos 5 & 6 of Connector box if Auto Raise System is NOT fitted.
Remove link between pos 5 & 6 of Connector Box if Auto Raise System IS fitted.
 - (9)



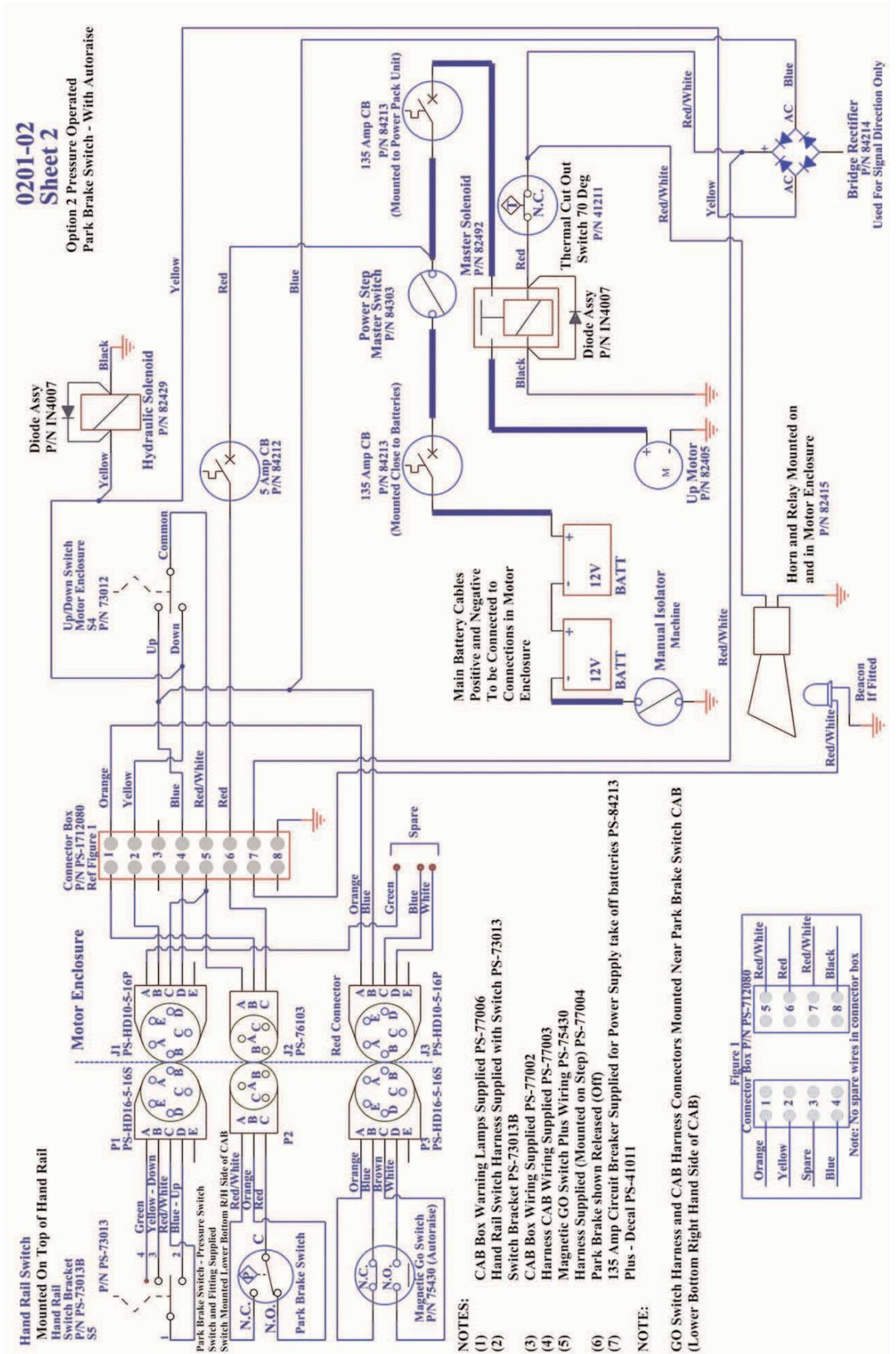
FOLDING STAIRWAY

Caterpillar 994 Loader



Section 4-6 Electrical Controls Wiring Diagrams Page 3

Auto Raise



FOLDING STAIRWAY

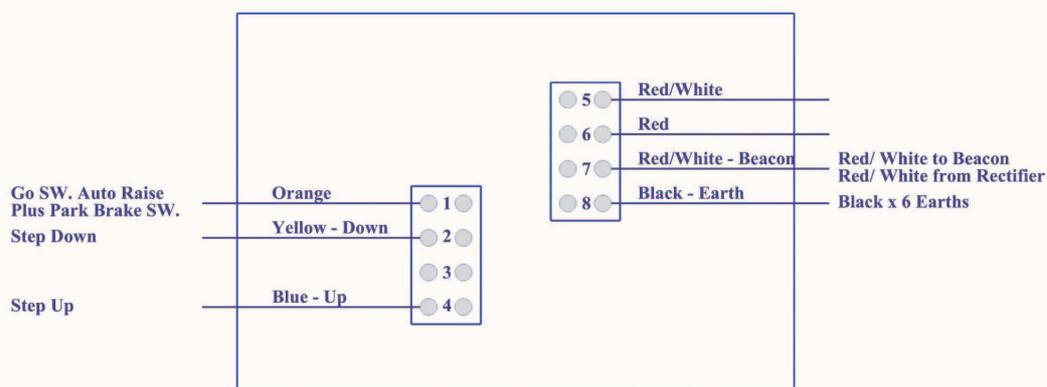
Caterpillar 994 Loader



Section 4-6 Electrical Controls Wiring Diagrams Page 4

0201-02
Sheet 5

WIRING HARNESS 1



Park Brake Harness - P/No 77006-PB

Plug Term	Colour		Terminal ID.	
(C)	Red	-	COM] Length 10m (Harness Flex No 12)
(A)	Red/White	-	N.C.	
(B)	Orrange	-	N.O.	

Go Switch Harness (Auto Raise) P/No 77009-AR

Plug Term	Colour		Terminal ID.	
(B)	Blue	-	No. 1 Terminal N.C. Contact] Length 10m (Harness Flex No 12)
(E)	White (Spare)	-	No. 2 Terminal N.O. Contact	
(A)	Orange	-	No. 3 Terminal N.C. Contact	
(C)	Brown (Spare)	-	No. 4 Terminal N.O. Contact	

Go Switch Harness (Cabin to Go Switch) P/No 77004
(Cabin Indicator Ladder Up/Down)

Plug Term	Colour		Terminal ID.	
(B)	Black	-	No. 1 Terminal N.C. Contact] Length 10m (Harness Flex No 12)
(B)	Black	-	No. 2 Terminal N.O. Contact	
(A)	Red	-	No. 3 Terminal N.C. Contact	
(C)	Yellow	-	No. 4 Terminal N.O. Contact	

Hand Rail Switch Harness (P/No 77010)
(Handrail SW to Power Pack Box)

Plug Term	Colour		SW Contacts		Switch Terminal No.	
(C)	Red/White	-	No 1	-	No 5] Length 10m (Harness Flex No 12)
(D)	Blue	-	No 2	-	No 4	
(B)	Yellow	-	No 3	-	No 2	
(A)	Green	-	No 4	-		

FOLDING STAIRWAY

Caterpillar 994 Loader



Section 4-6 Electrical Controls Wiring Diagrams Page 5

WIRING HARNESS 2

Go Switch

Auto - Raise Connection

N.C.	-	Orange	-	Blue
N.O.	-	Brown	-	White (Spare)

Go Switch - Cabin Indicator

Up/Down Lights Connection

N.C.	-	Red	-	Black] Linked
N.O.	-	Yellow	-	Black	

Hand Control Switch - Mounted on Hand Rails (P/No 73013)

Power Step Wiring Harness (10m) and Connections Supplied

Contacts

1	-	Red/White	-	Power Supply
2	-	Blue	-	Up Switch
3	-	Yellow	-	Down Switch
4	-	Green	-	Start Sol Motor [FRS Power Pack only (Spare)]

Pendant Switch

Standard Switch Wiring and Connections

