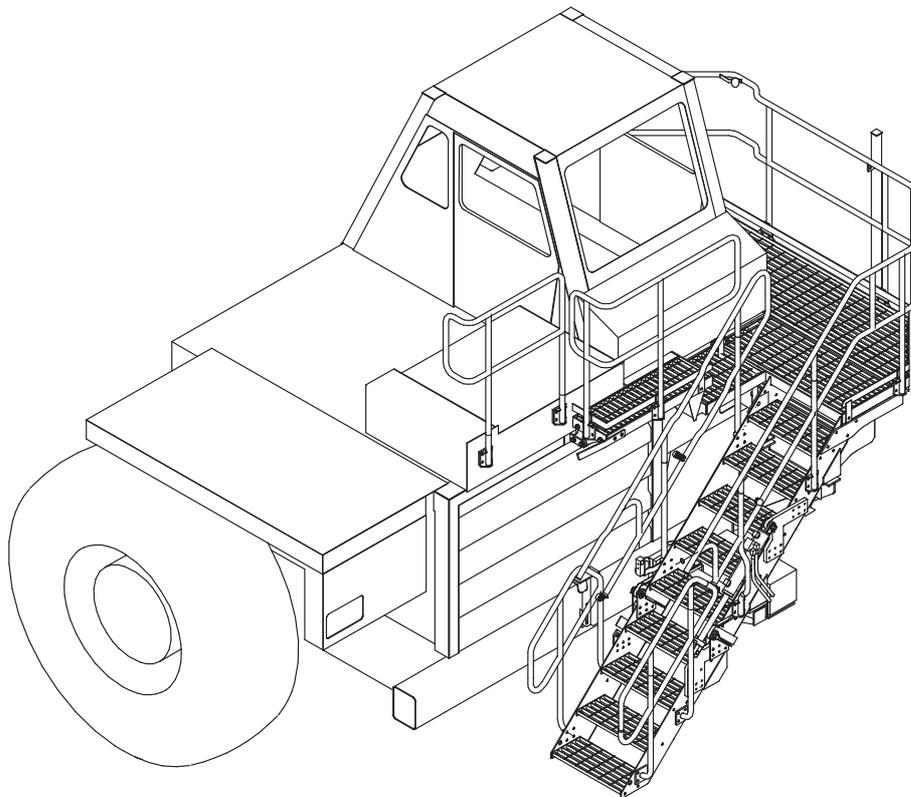


FOLDING STAIRWAY

Manual for Cat 773D Truck

Hydraulic Operation



Model No.PSA-773D-FS
Serial No.:773D - ~
Date Manufactured: August 2012

FOLDING STAIRWAY

Caterpillar 773D Truck

Hydraulic Operation



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FOLDING STAIRWAY

Caterpillar 773D Truck



Installation and Mounting Instructions Mounting Bars PS-22683

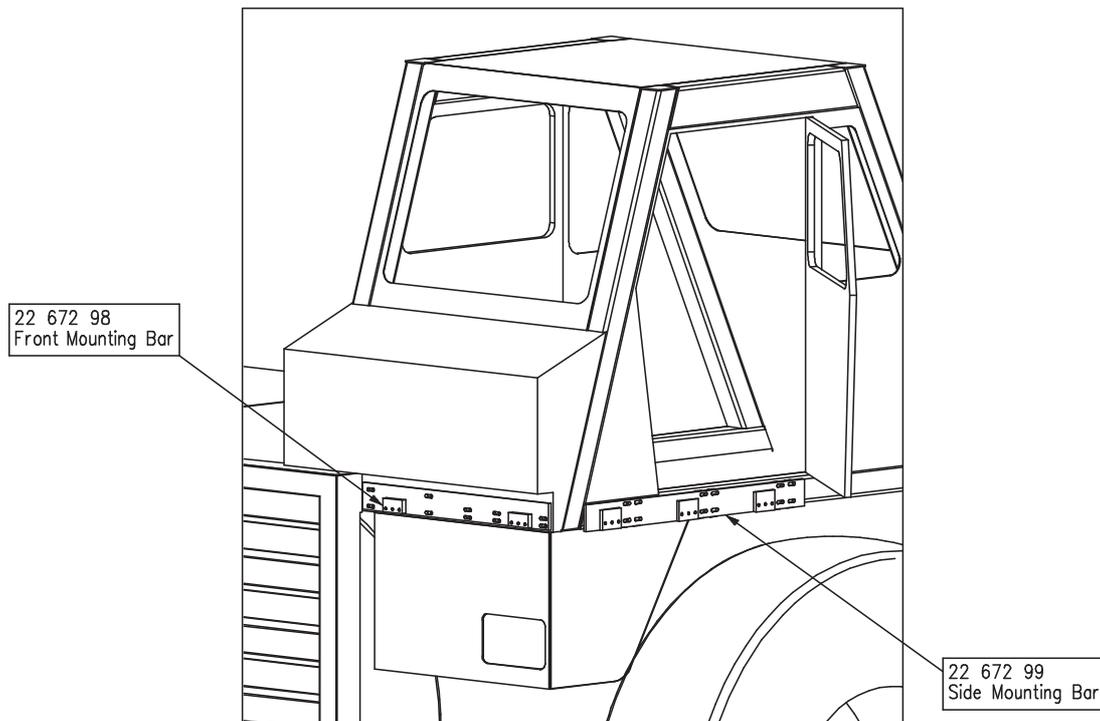
NOTE

Follow all on-site/Mine lifting and safety procedures when installing Power Step Landings to Truck.

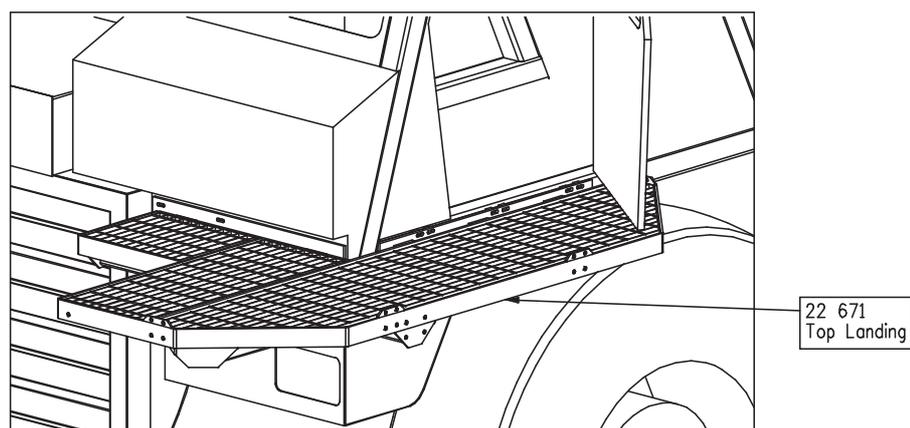
PROCEDURE

See Drawing PS-22683

1. Remove existing cabin landing and cabin-side ladder.
2. Fit Mounting Bars per **View 1**. Do not tighten bolts.
3. Fit Top Landing, bolting to the tapped holes in the Mounting Bars.
4. Tighten all the bolts.



VIEW 1. FIT MOUNTING BARS.



VIEW 2. FIT LANDING.

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 1 Installation Instruction Drawings

Front Bolting Pad

PS-24802/3/4

NOTE

Follow all on-site/Mine lifting and safety procedures when installing Power Step Landings to Truck.

PROCEDURE

See Drawing 24802 Page 5

1. Mount and weld the Front Bolting Pad and Mounting Gussets to the front bumper, located per **View 1.2**. Weld per **Detail 3** - Preliminary Welding.
Note that this preliminary welding is required to temporarily support the stair during early stages of the installation procedure. The welding must be upgraded to its' final specification later in the installation.
2. Check that the dimension shown in **Views 1.1 & 1.3**, (the distance between the alignments of the Return Edge of the cabin landing and the face of the Front Bolting Pad) is measures 130 +/- 10 on the truck. If it does not measure 130 +/- 10, contact Power Step - some rectification will be required.
3. Check that the dimension shown in **View 1.2**, (the distance between the alignments of the face of the cabin landing frame where the stair fits and the end face of the front bumper) measures 125 +/- 10 on the truck. If it does not measure 125 +/- 10, contact Power Step - some rectification will be required.

See Drawing 24803 Page 6

1. Fit the Stair Assembly (24 390) to the Front Bolting Pad per **View 1** Stair Installation and to the Landing per View 2.0 Stair/Landing Connection and **Detail 2.1** Isolators
2. Bolt the Support Plate underneath the top of the stair per **View 3.0**.
Locate the end Bolting Pad against the end of the bumper per **Detail 3.1** and tack weld in place.
3. Fully weld the bolting pads to the bumper per Drg 24 389

See Drawing 24804 Page 8

1. Fit the Raised Platform to the stair set and truck per **Views 1 & 2**. The Raised Platform bolts to the main cabin landing on one side and is supported through isolators from the radiator enclosure on the other side. Weld the Landing Isolator Bracket components per **Detail 1.1** - the Back to the radiator enclosure and the Cleat to the Back - in such a position as to make the Platform level and parallel to the radiator enclosure. Do not burn the rubber isolators while welding.
2. Attach the Flooring Extension to the Raised Walkway as shown in **Views 3 & 4**, so it can be folded over towards the engine hood to present a trafficable surface level with the raised platform or stowed away on top of the raised walkway.

FOLDING STAIRWAY

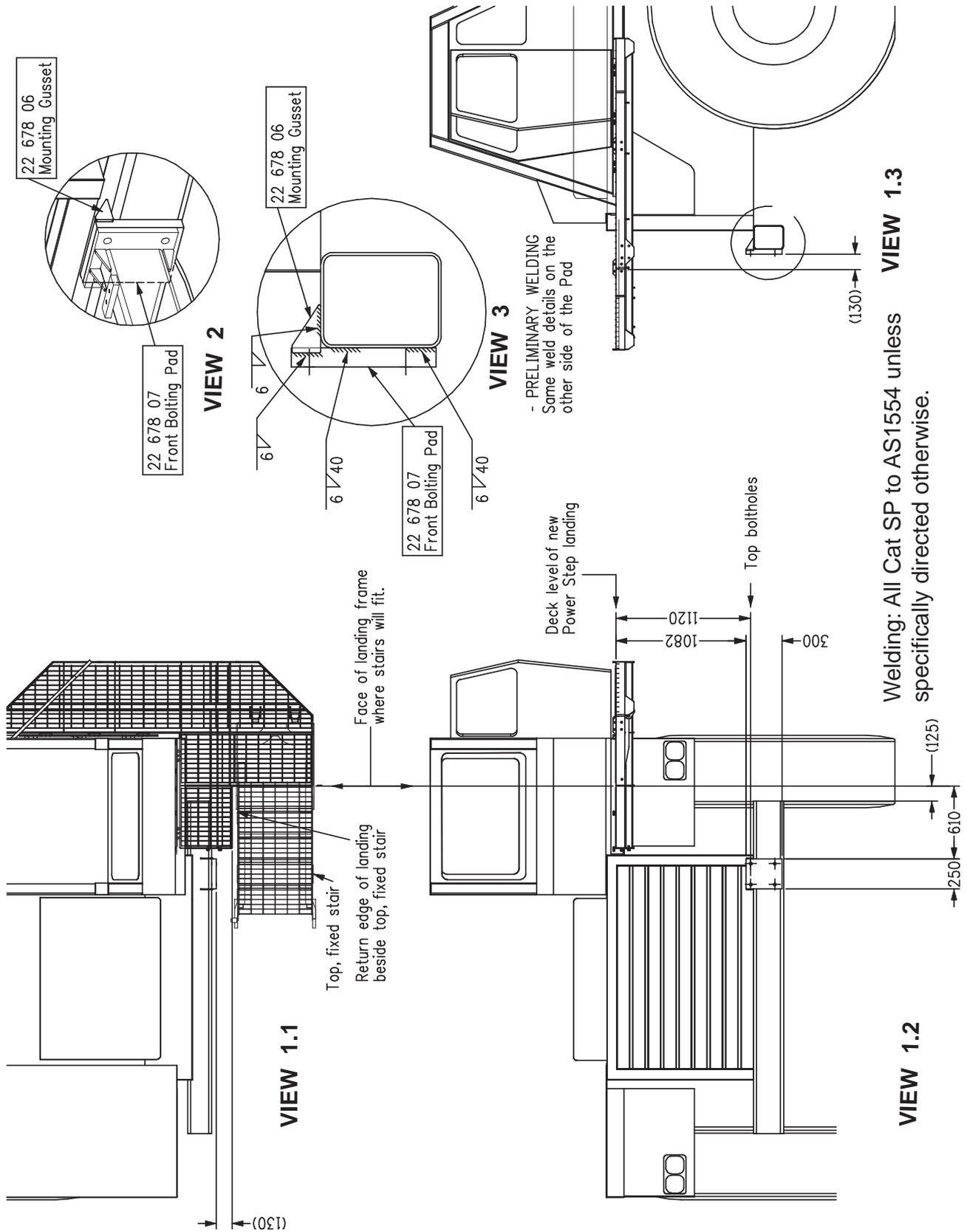
Caterpillar 773D Truck



Section 1 Installation Instruction Drawings

Front Bolting Pad

PS-24802



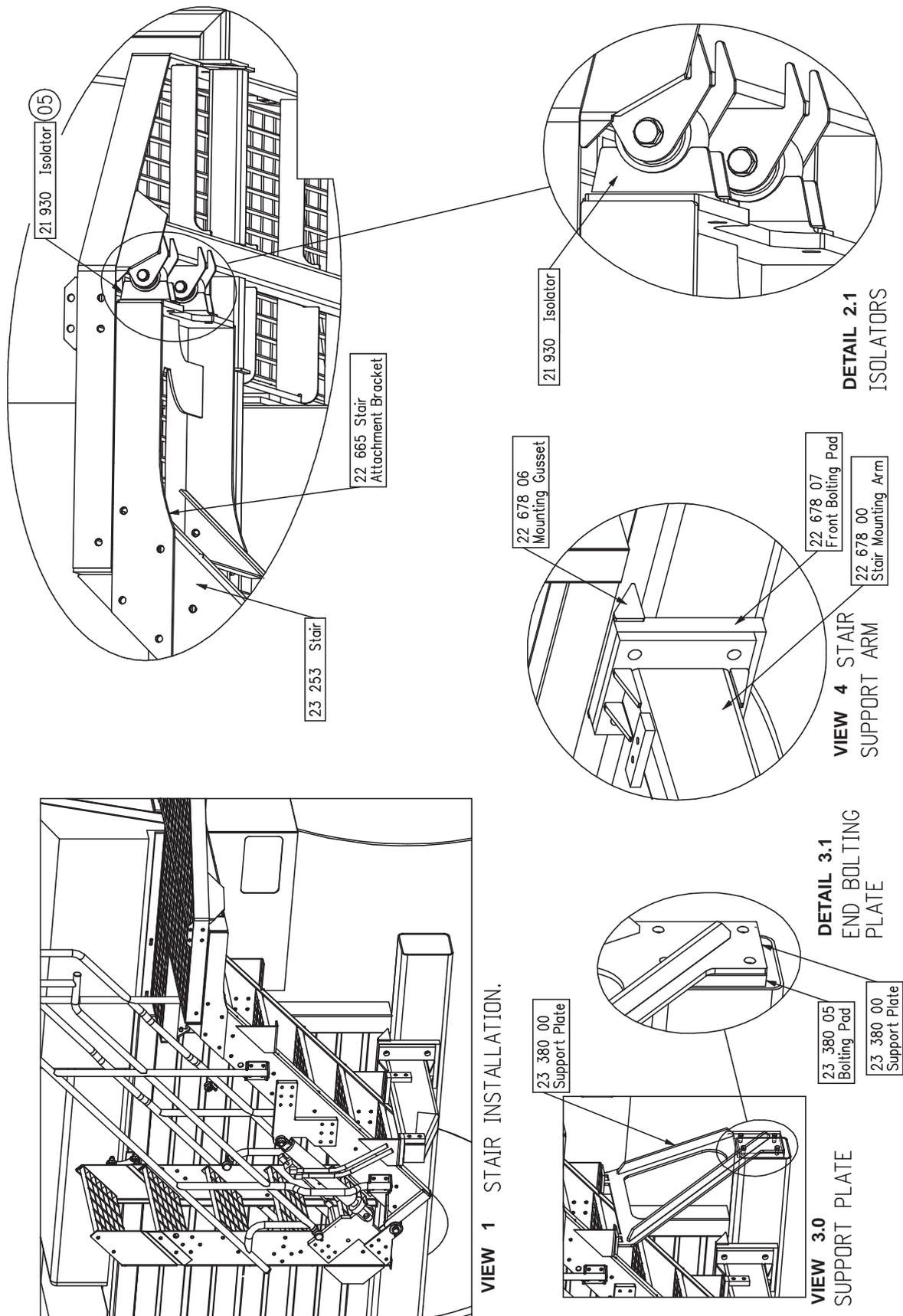
FOLDING STAIRWAY

Caterpillar 773D Truck



Section 1 Installation Instruction Drawings Landing PS-24803

See Procedure notes Page 4



FOLDING STAIRWAY

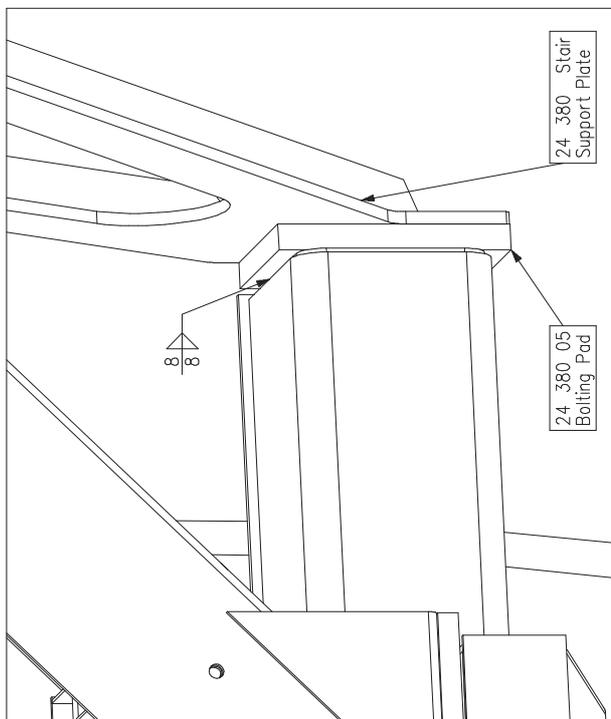
Caterpillar 773D Truck



Section 1 Installation Instruction Drawings

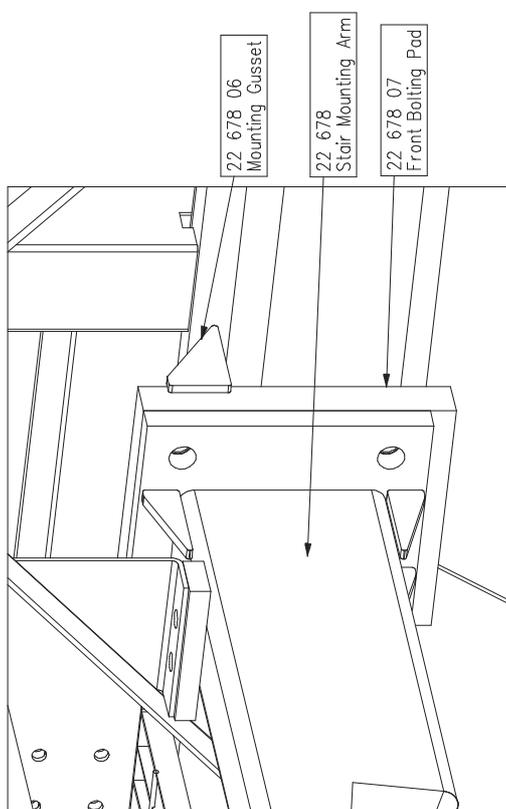
Welding of Bolting Pads

PS- 24389

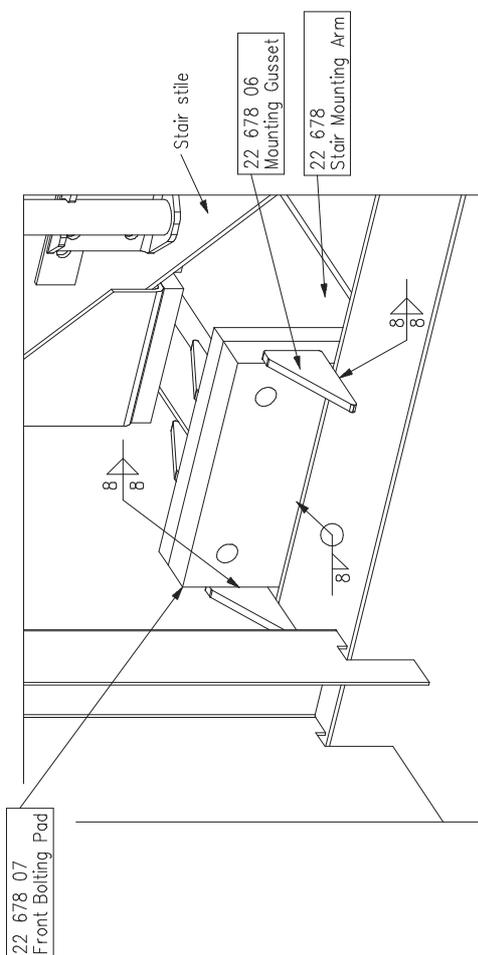


STAIR SUPPORT PLATE AND BOLTING PAD

Welding: All Cat SP to AS1554 unless specifically directed otherwise.



STAIR MOUNTING ARM AND BOLTING PAD
seen from in front of the truck bumper



STAIR MOUNTING ARM AND BOLTING PAD
seen from the position of the radiator, as if the radiator grill was not fitted

FOLDING STAIRWAY

Caterpillar 773D Truck

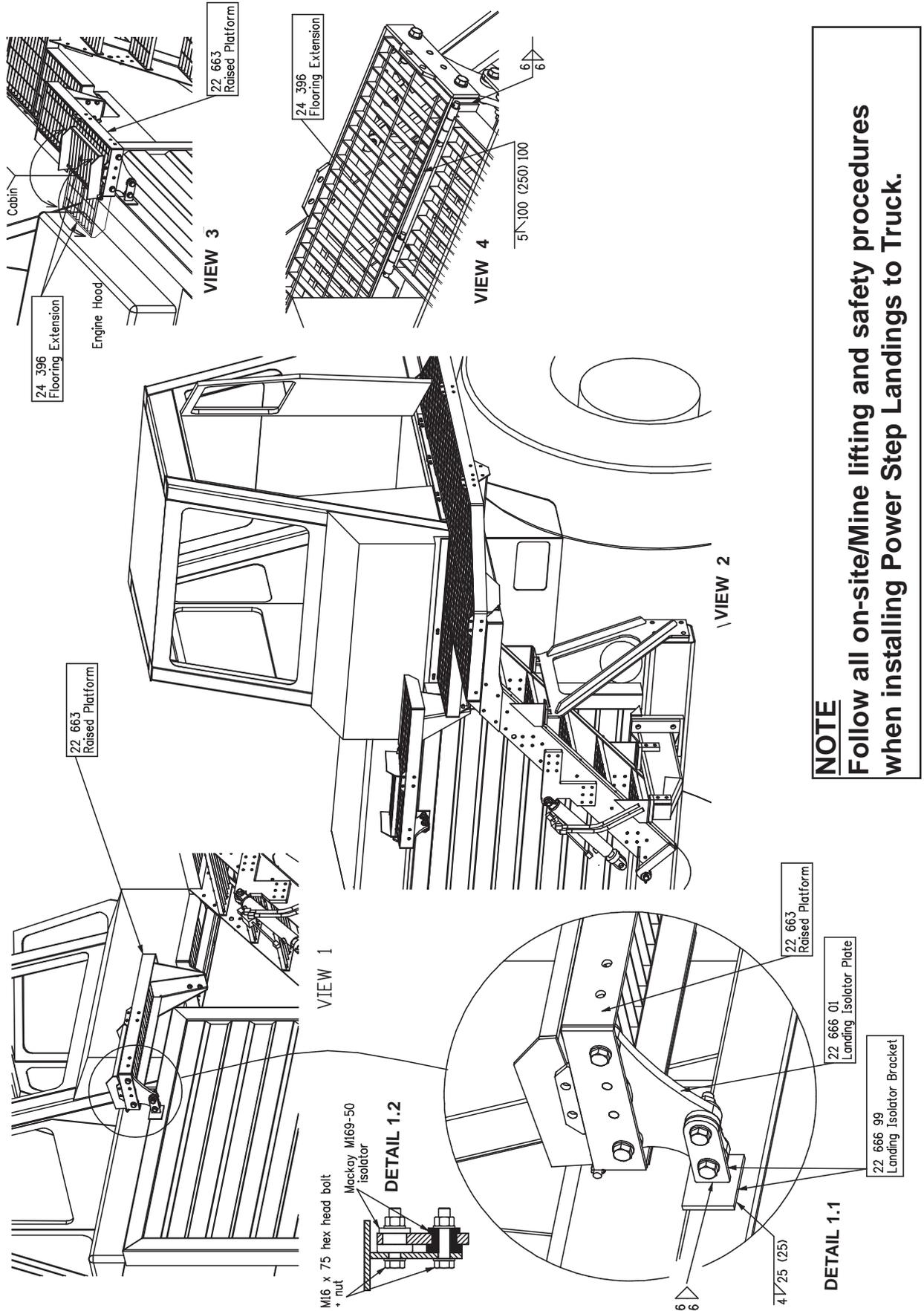


Section 1 Installation Instruction Drawings

Raised Walkway

PS- 24804

See Procedure notes Page 4



NOTE
 Follow all on-site/Mine lifting and safety procedures when installing Power Step Landings to Truck.

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 1 Installation Instruction Drawings Handrails PS- 24805

NOTE

Follow all on-site/Mine lifting and safety procedures when installing Power Step Landings to Truck.

PROCEDURE

See Drawing 24802 Page 10

1. Fit all the handrails to the stair set per View 1. Note that Bolting Pads for the Bonnet Handrail are to be welded in locations to suit on the front of the radiator surround. Note also, the posts of the Bonnet Handrail are to be lengthened or shortened as required to give a top rail height of about 950 above the engine hood.
2. Fit the Power Unit per View 1.
3. Fit the Landing Shield to the front of the Raised Walkway per View 1.
4. Fit the Buffer Socket and Mounting/s to the truck bumper per drg 24 390
5. Adjust the handrail vibration buffers, Views 2 & 3 and Detail 4: The stair set is fitted with rubber bumpers to reduce vibration in the handrails. Adjust the bumpers so they bear firmly on their adjacent handrails. Trim the fingers of the bumper mountings if they are likely to snare clothing and cause tripping etc or by protruding into the walking path of users of the stair might present a danger or inconvenience to the users of the stair.

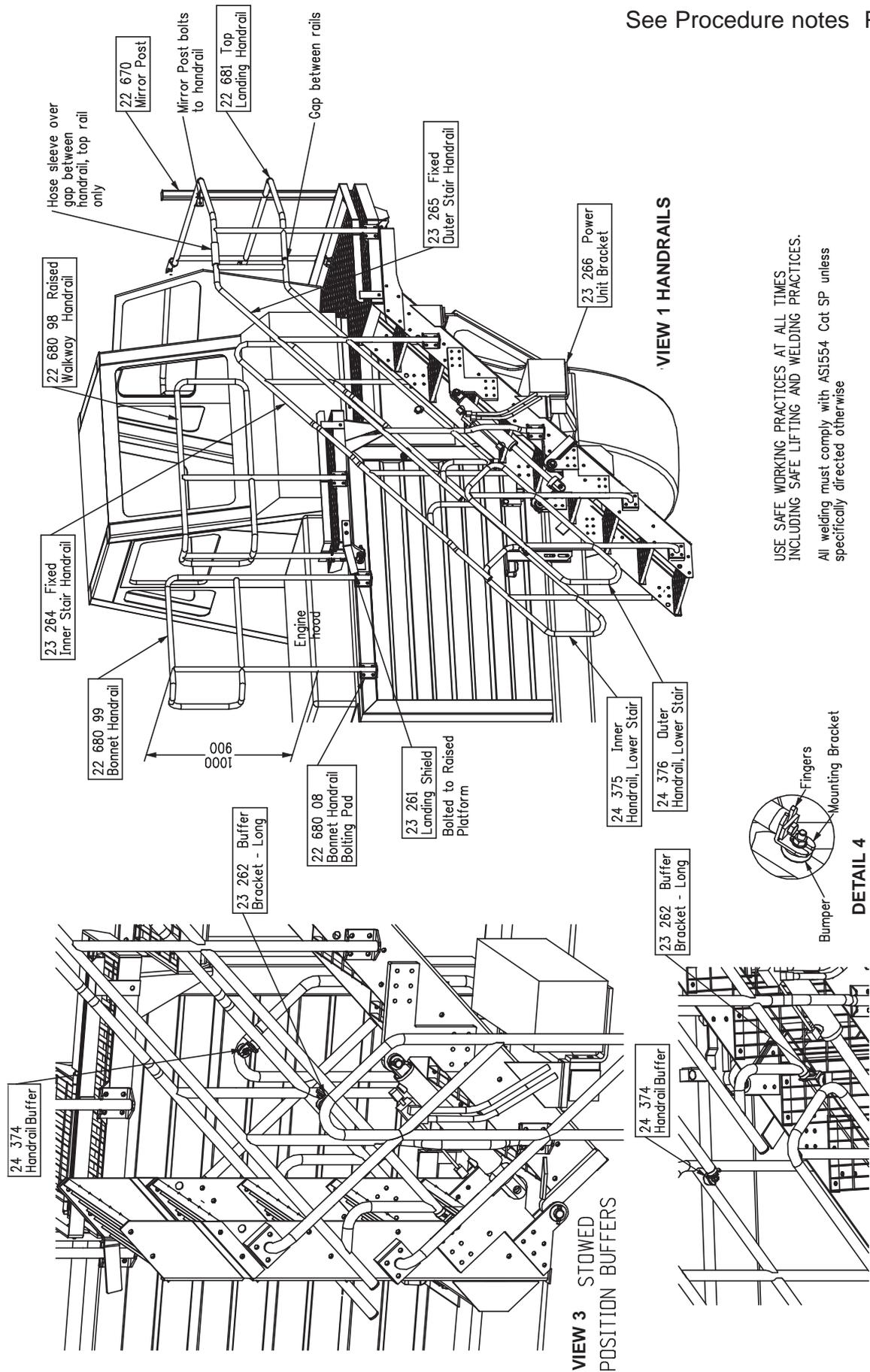
FOLDING STAIRWAY

Caterpillar 773D Truck



Section 1 Installation Instruction Drawings Handrails PS- 24805

See Procedure notes Page 9



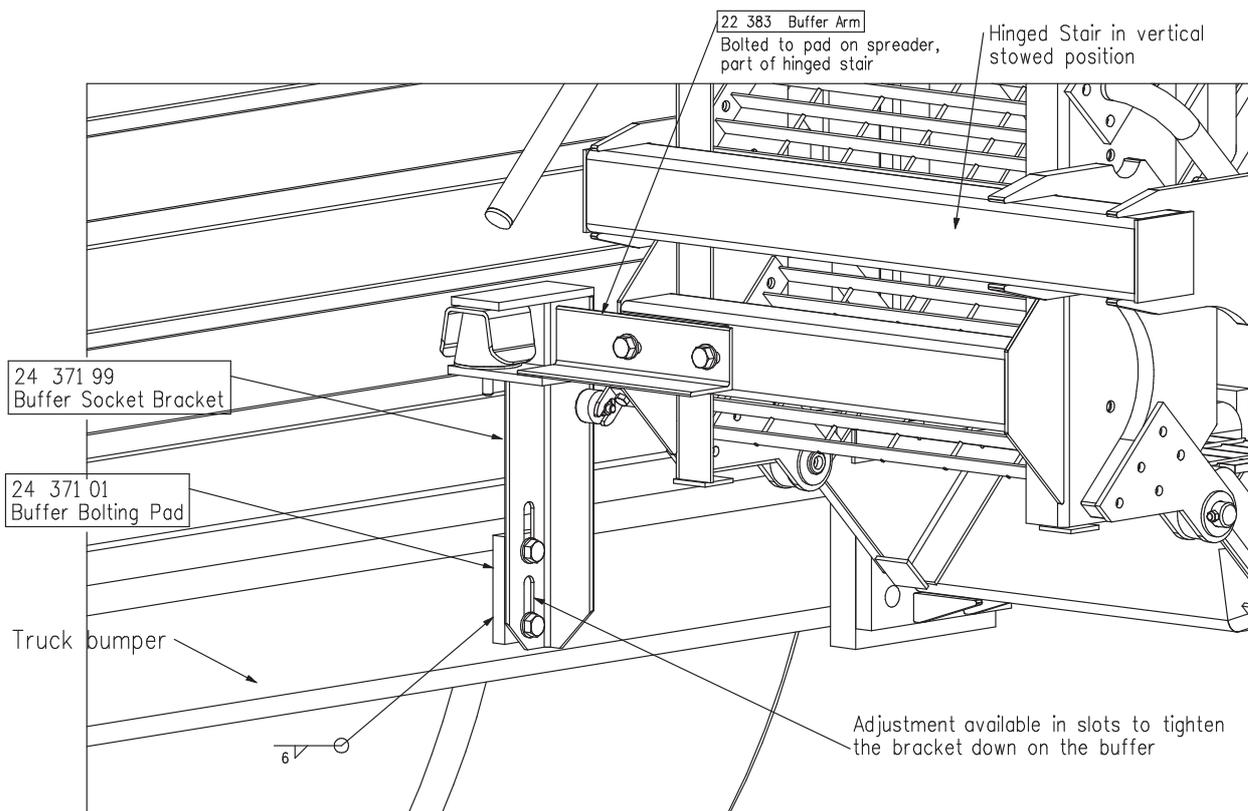
USE SAFE WORKING PRACTICES AT ALL TIMES INCLUDING SAFE LIFTING AND WELDING PRACTICES.
All welding must comply with ASI554 Cat SP unless specifically directed otherwise

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 1 Installation Instruction Drawings Buffer Bracket PS- 24390



PROCEDURE

Fit Buffer Socket & Mounting **24 371** in suitable position to receive Buffer when Stair is stowed. Pad **24 371 01** welds to truck bumper behind hinged stair. Before locating and welding Pad to bumper, bolt Socket Bracket to Pad with bolts in slots so Bracket is as high as possible relative to Pad, that is, with adjustment available in slot to allow lowering of bracket on Pad when required to accommodate future wear in the buffer hinges and cylinder pins, bushes etc. The Pad and Bracket can then be hung on the buffer (with the lower stair in it is fully raised, vertical stowed position) to establish the position of the Pad on the bumper. Adjust so stair is tight in raised position, not swinging with the truck's movement.

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 2 Recommended Maintenance Procedure

Daily

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

Check for any oil leaks

Notify the appropriate supervisor for any observed damage or malfunction.

500 Hours

Check main mounting bolts for torque.

Check oil levels and bushes for wear.

Thoroughly check all electrical wiring for damage & replace as necessary.

Grease all nipples and moving parts.

Repeat daily check as above.

5000 Hours

Check and inspect all main bolts on stairway system.

Re-torque if required.

Repeat daily check as above.

Drain and refill Hydraulic tanks & hoses.

Bleed system before use.

Check for wear and replace damaged or worn parts.

Check wiring and electrical components for damage.

Grease all nipples and moving parts

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 3 Operating Procedure

To Lower Ladder (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 air switch adjacent to the ladder, to the down position by pressing the switch down.

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 Ladder

Ascend the ladder onto the landing of the truck.

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 air switch to the raise position (up).

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].

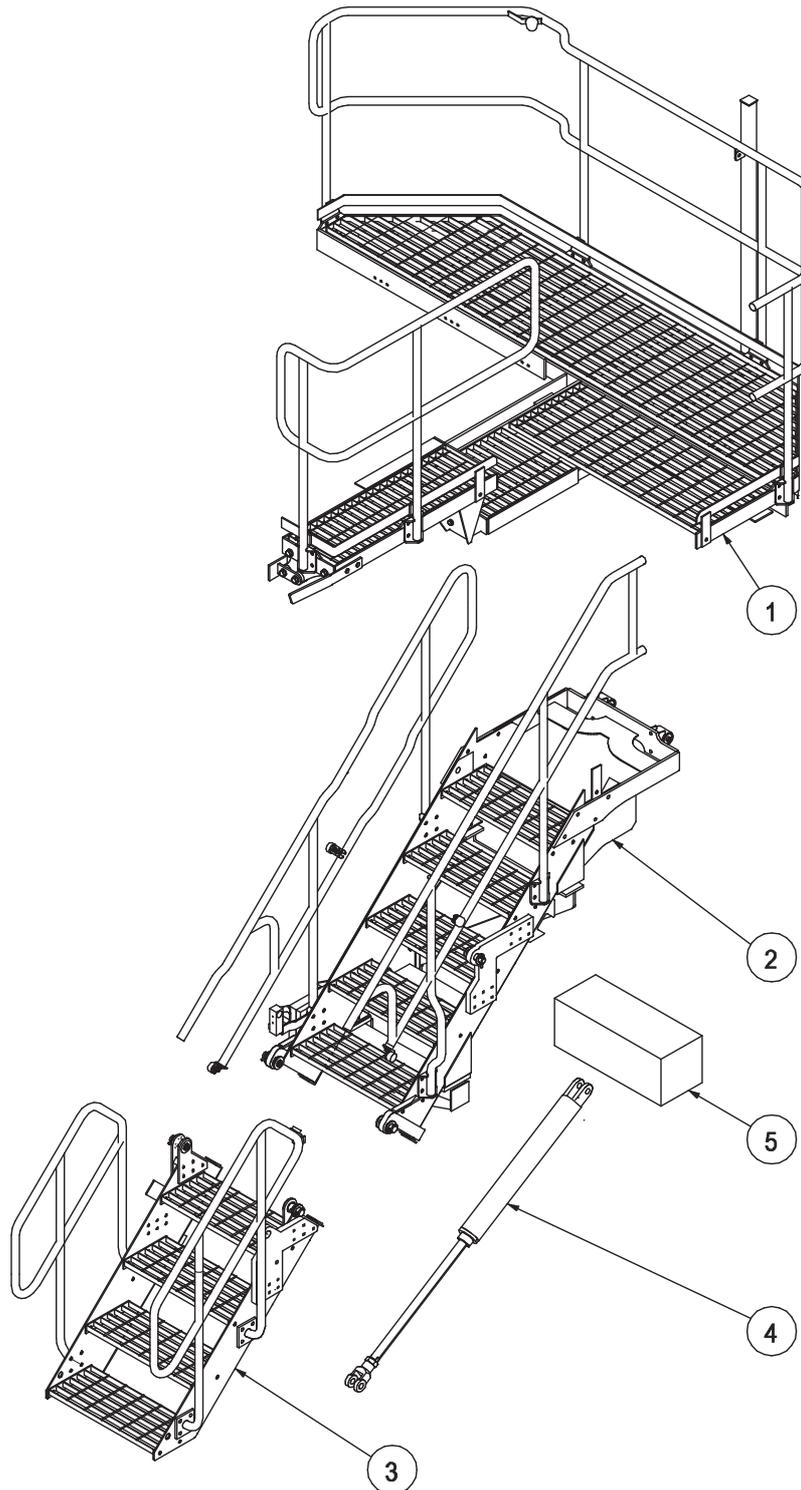
Test by raising and lowering the Power Step a couple of times and adjust again if necessary.

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4 Assembly Complete PSA-773D-FS



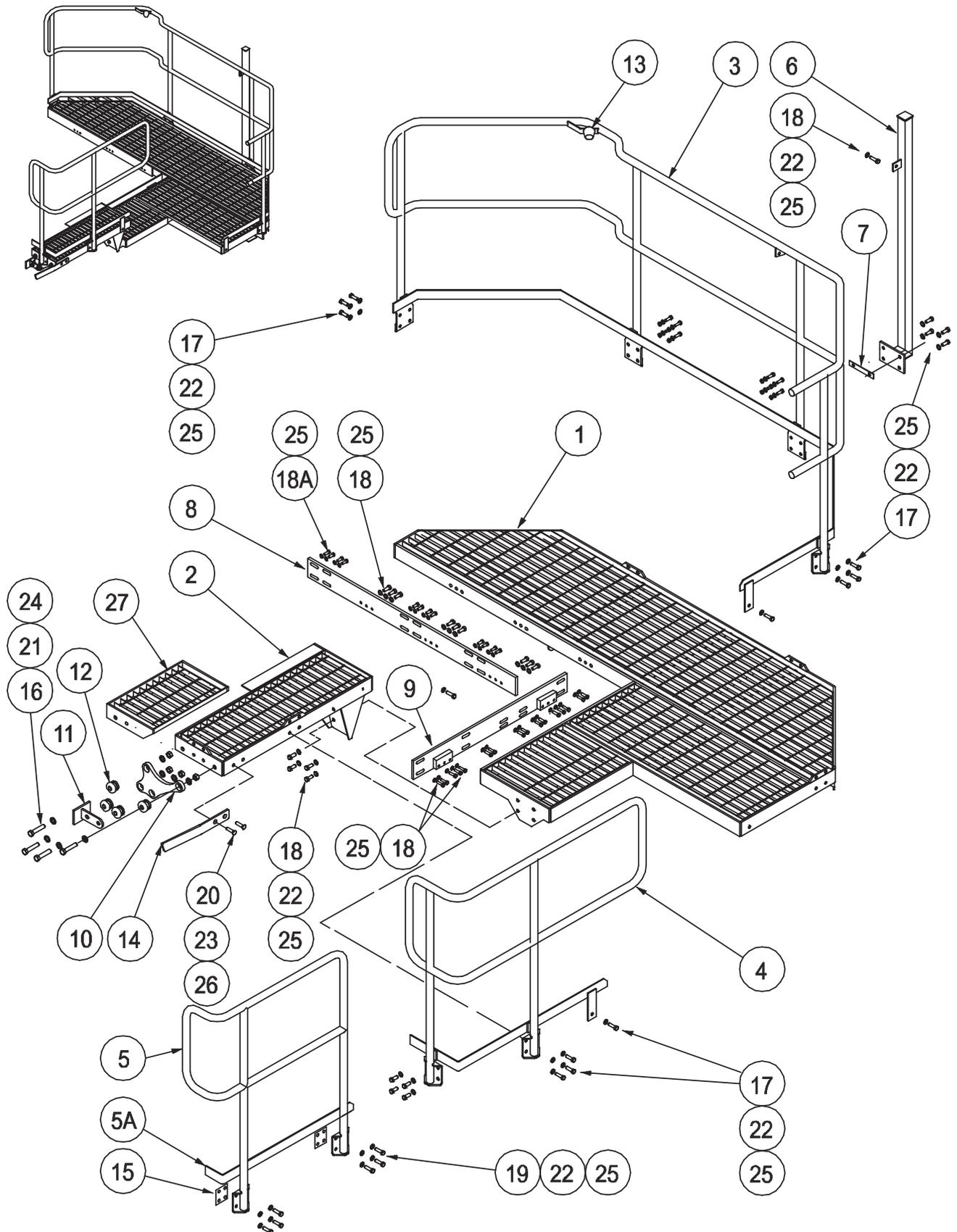
FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-1 Platform Assembly PS-22671A

See Parts List Page 16



FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-1 Platform Assembly PS-22671

See Drawing Page 15

Item	Part No.	Part Name	Qty		
1	PS-22671	TOP LANDING	1		
2	PS-22663	RAISED PLATFORM	1		
3	PS-22681	HANDRAIL -TOP LANDING	1		
4	PS-22680-98	HANDRAIL-RAISED WALKWAY	1		
5	PS-22680-99	HANDRAIL-BONNET	1		
5A	PS-22680-97	BONNET TOEBOARD(supplied loose)	1		
6	PS-22670	MIRROR POST	1		
7	PS-22670-06	SPACER-MIRROR POST	1		
8	PS-22672-99	SIDE MOUNTING BAR	1		
9	PS-22672-98	FRONT MOUNTING BAR	1		
10	PS-22666-01	LANDING ISOLATOR PLATE	1		
11	PS-22666-99	LANDING ISOLATOR BRACKET	1		
12	PS-34103	BUSH-RUBBER (Mackay M169)	4		
13	PS-40002	BUFFER (Insul-840-99725)	1		
14	PS-23261	LANDING SHIELD	1		
15	PS-22680-08	BOLTING PAD	2		
16	CPS-M16X75ZP	BOLT-M16 x 75	4		
17	CPS-M12X35ZP	BOLT-M12 x 35	30		
18	CPS-M12X30ZP	BOLT-M12 x 30	30		
18A	CPS-M12X25ZP	BOLT-M12 x 25	12		
19	CPS-M12X20ZP	BOLT-M12 x 20	8		
20	CPS-M10X30ZP	BOLT-M10 x 30 c/sunk	2		
21	CPS-M16NZP	NUT-M16	4		
22	CPS-M12NZP	NUT-M12	34		
23	CPS-M10NN	NUT-M10 NYLOC	2		
24	CPS-M16WH	WASHER-HARDENED-M16	8		
25	CPS-M12WH	WASHER-HARDENED-M12	115		
26	CPS-M10WH	WASHER-HARDENED-M10	2		
-	-	-	-		
27	PS-24396	FLOORING EXTENSION	1		

FOLDING STAIRWAY

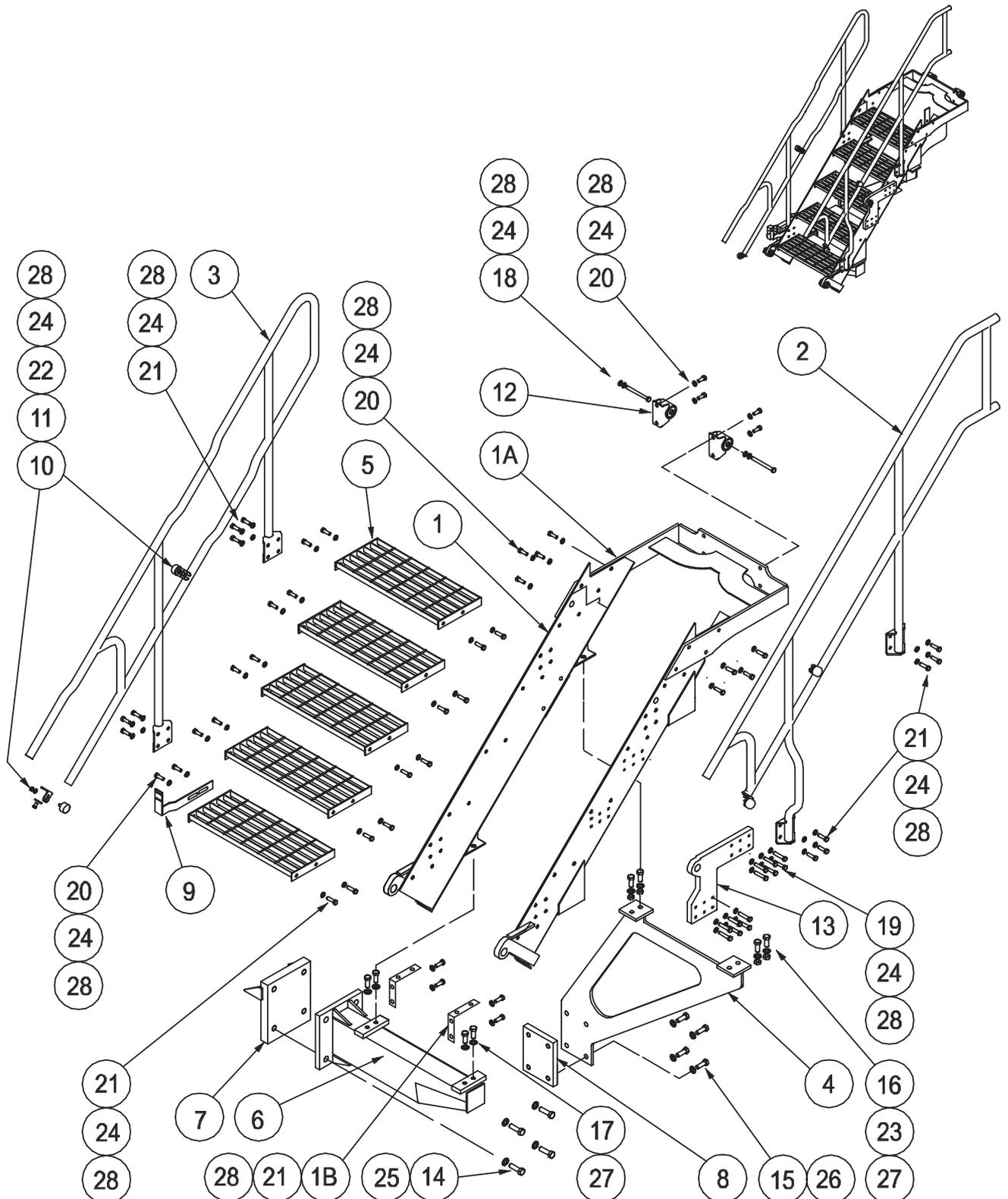
Caterpillar 773D Truck



Section 4-2 Fixed Stair Assembly

PS-23253A

See Parts List Page 18



FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-2 Fixed Stair Assembly PS-23253A

See Drawing Page 17

Item	Part No.	Part Name	Qty		
1	PS-23253	LANDING & FIXED STAIR FABRICATION	1		
1A	PS-22665	STAIR ATTACHMENT BRACKET	1		
1B	PS-23266	POWER UNIT BRACKET	2		
2	PS-23265	OUTER HANDRAIL-FIXED STAIR	1		
3	PS-23264	INNER HANDRAIL-FIXED STAIR	1		
4	PS-24380	STAIR SUPPORT PLATE	1		
5	PS-22266	TREAD	5		
6	PS-22678	STAIR MOUNTING ARM	1		
7	PS-22678-07	BOLTING PAD-STAIR MOUNTING ARM	1		
8	PS-24380-05	BOLTING PAD	1		
9	PS-22238	BRACKET-GO SWITCH	1		
10	PS-40002	HANDRAIL BUMPER	4		
11	PS-23262	BRACKET-HANDRAIL BUMPER-(long)	2		
11A	PS-24374	BRACKET-HANDRAIL BUMPER	2		
12	PS-21930A	ISOLATOR MOUNTING ASSEMBLY	2		
13	PS-22233-05	ACTUATOR ATTACHMENT	1		
14	CPS-M24X60ZP	BOLT-M24 x 60	4		
15	CPS-M20X30ZP	BOLT-M20 x 30	4		
16	CPS-M16X45ZP	BOLT-M16 x 45	4		
17	CPS-M16X20ZP	BOLT-M16 x 20	4		
18	CPS-M12X120ZP	BOLT-M12 x 120	2		
19	CPS-M12X50ZP	BOLT-M12 x 50	12		
20	CPS-M12X40ZP	BOLT-M12 x 40	14		
21	CPS-M12X30ZP	BOLT-M12 x 30	34		
22	CPS-M12X20ZP	BOLT-M12 x 20	4		
23	CPS-M16NZIP	NUT-M16	4		
24	CPS-M12NZIP	NUT-M12	54		
25	CPS-M24WH	WASHER-HARDENED-M24	4		
26	CPS-M20WH	WASHER-HARDENED-M20	4		
27	CPS-M16WH	WASHER-HARDENED-M16	12		
28	CPS-M12WH	WASHER-HARDENED-M12	116		

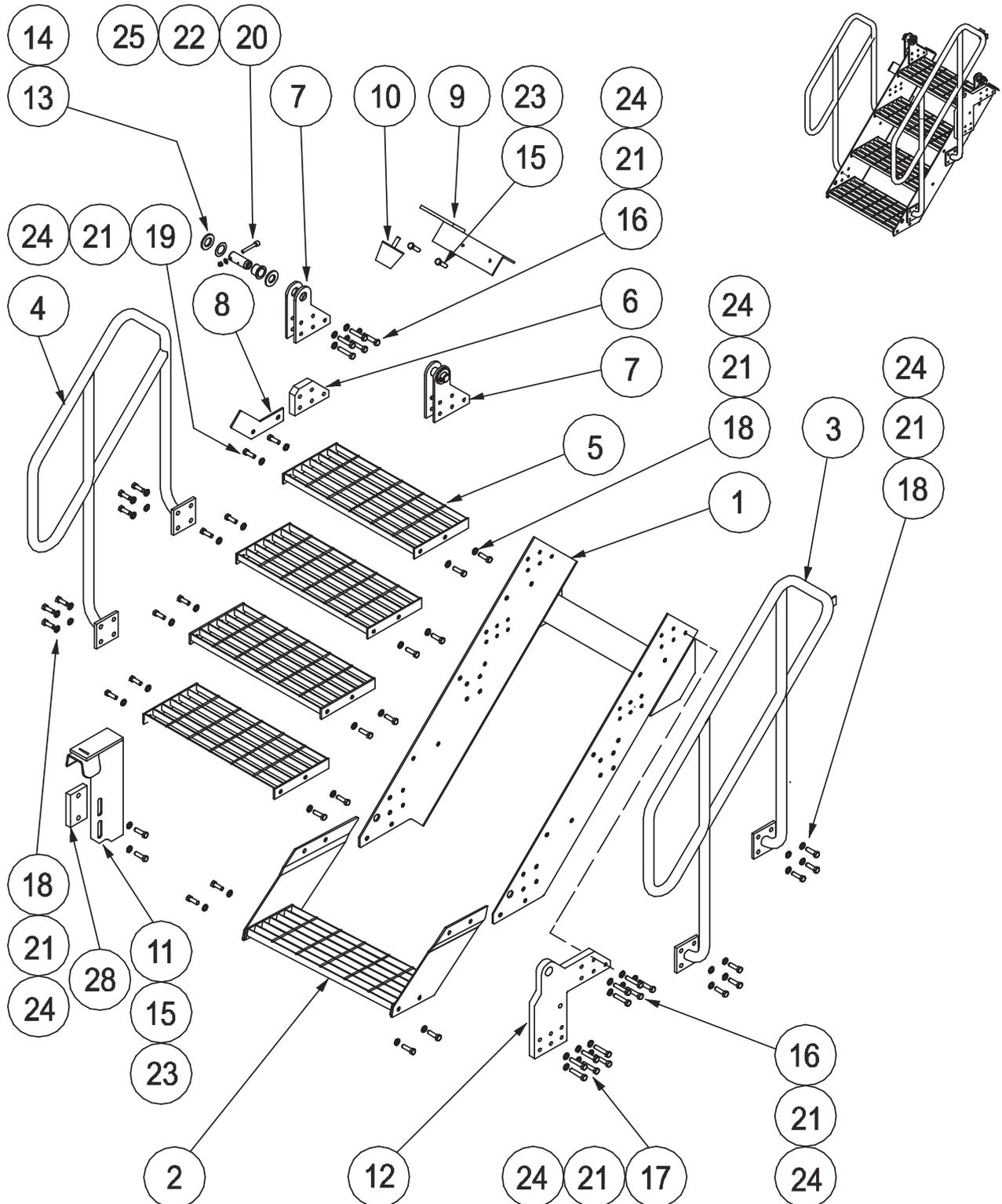
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Caterpillar 773D Truck



Section 4-3 Lower Stair Assembly PS-24373A

See Parts List Page 20



FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-3 Lower Stair Assembly PS-24373A

See Drawing Page 19

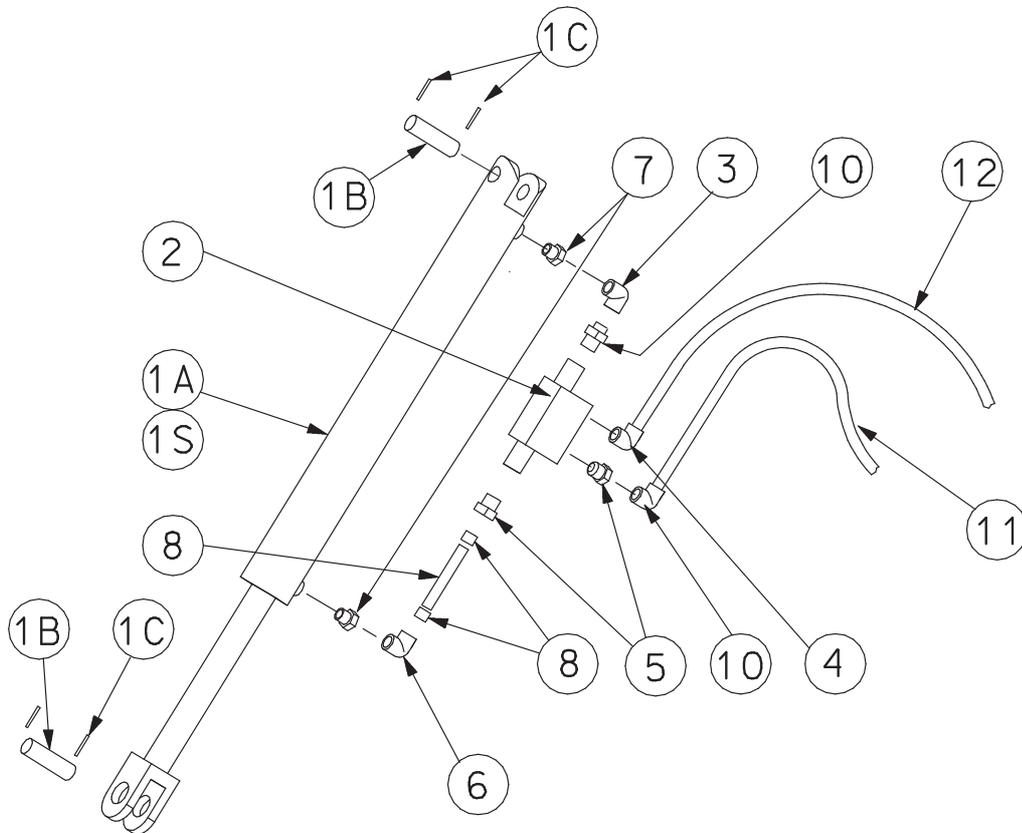
Item	Part No.	Part Name	Qty		
1	PS-24373	BOTTOM STAIR FABRICATION	1		
2	PS-23465	LADDER EXTENSION	1		
3	PS-24376	OUTER HANDRAIL-LOWER STAIR	1		
4	PS-24375	INNER HANDRAIL-LOWER STAIR	1		
5	PS-22266	TREAD (Inc. one on Extension)	5		
6	PS-22233-03	HINGE PLATE SPACER	1		
7	PS-22233-02	HINGE CHEEK PLATE	4		
8	PS-22233-01	SWITCH TARGET	1		
9	PS-22383	BUFFER ARM	1		
10	PS-40001	BUFFER	1		
11	PS-24371	BUFFER SOCKET & MOUNTING	1		
12	PS-22233-04	HINGED STAIR ACTUATOR ATTACHMENT	1		
13	PS-22246	HINGE PIN	2		
14	PS-22246-05	HINGE BUSH	2		
15	CPS-M16X25ZP	BOLT-M16 x 25	4		
16	CPS-M12X70ZP	BOLT-M12 x 70	10		
17	CPS-M12X50ZP	BOLT-M12 x 50	6		
18	CPS-M12X30ZP	BOLT-M12 x 30	34		
19	CPS-M12X35ZP	BOLT-M12 x 35	2		
20	CPS-M8X50ZP	BOLT-M8 x 50 (pin keeper bolt)	2		
21	CPS-M12NZP	NUT-M12	52		
22	CPS-M8NN	NUT-NYLOC-M8	2		
23	CPS-M16WH	WASHER-HARDENED-M16	4		
24	CPS-M12WH	WASHER-HARDENED-M12	104		
25	CPS-M8WH	WASHER-HARDENED-M8	4		
-	-	-	-		
26	PS-24384-01	POST PACKERS (not shown)	6		
26A	PS-24384-02	GO SWITCH POST PACKER (not shown)	1		
27	PS-23263	HANDRAIL SPACERS (not shown)	4		
28	PS-24371-01	BOLTING PAD	1		

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-4 Hydraulic Cylinder Assembly P/No. PS-62999-AH



NOTE: HYDRAULIC CYLINDER ASSEMBLY P/No PS- 62998-AH includes Part No.s 1 to 10

Item	Part No.	Part Name	Qty		
1	PS-62999-A	HYDRAULIC CYL. (with hard plumbing)	1		
	PS-62999-HPK	HARD PLUMBING KIT	1		
1A	PS-62999-A	HYDRAULIC CYLINDER 2 1/2"	1		
1B	PS-62999-P	PIN - CYLINDER	2		
1C	CPS-M4X50ZP	SPLIT PIN-M4-CLEVIS PIN-BOTTOM & TOP	4		
1S	PS-63103	SEAL KIT (Not shown)	1		
2	PS-63201	VALVE - PILOT OPERATED LOCKING	1		
3	PS-61159	FITTING - ELBOW-9/16" JIC	1		
4	PS-61184	FITTING - ELBOW- O RING 1/4BSPPx7/16" JIC	1		
5	PS-61157	FITTING - O RING 1/4BSPPx 9/16" JIC	2		
6	PS-61158-1MM	FITTING - 1 mm RESTRICTION 90 DEG	2		
7	PS61163	REDUCER JIC x BSPP	2		
8	PS-61160	TUBE (Cut to suit) 230mm	1		
9	PS-61147	FERRULES	2		
10	PS-61145	FITTING- 9/6" JIC SWIVEL	1		
11	PS-60051-1.65	HOSE- HYDR. (9/6" JIC SWIVEL FITTING)	1		
12	PS-60050-1.8	HOSE- HYDR. (7/6" JIC SWIVEL FITTING)	1		

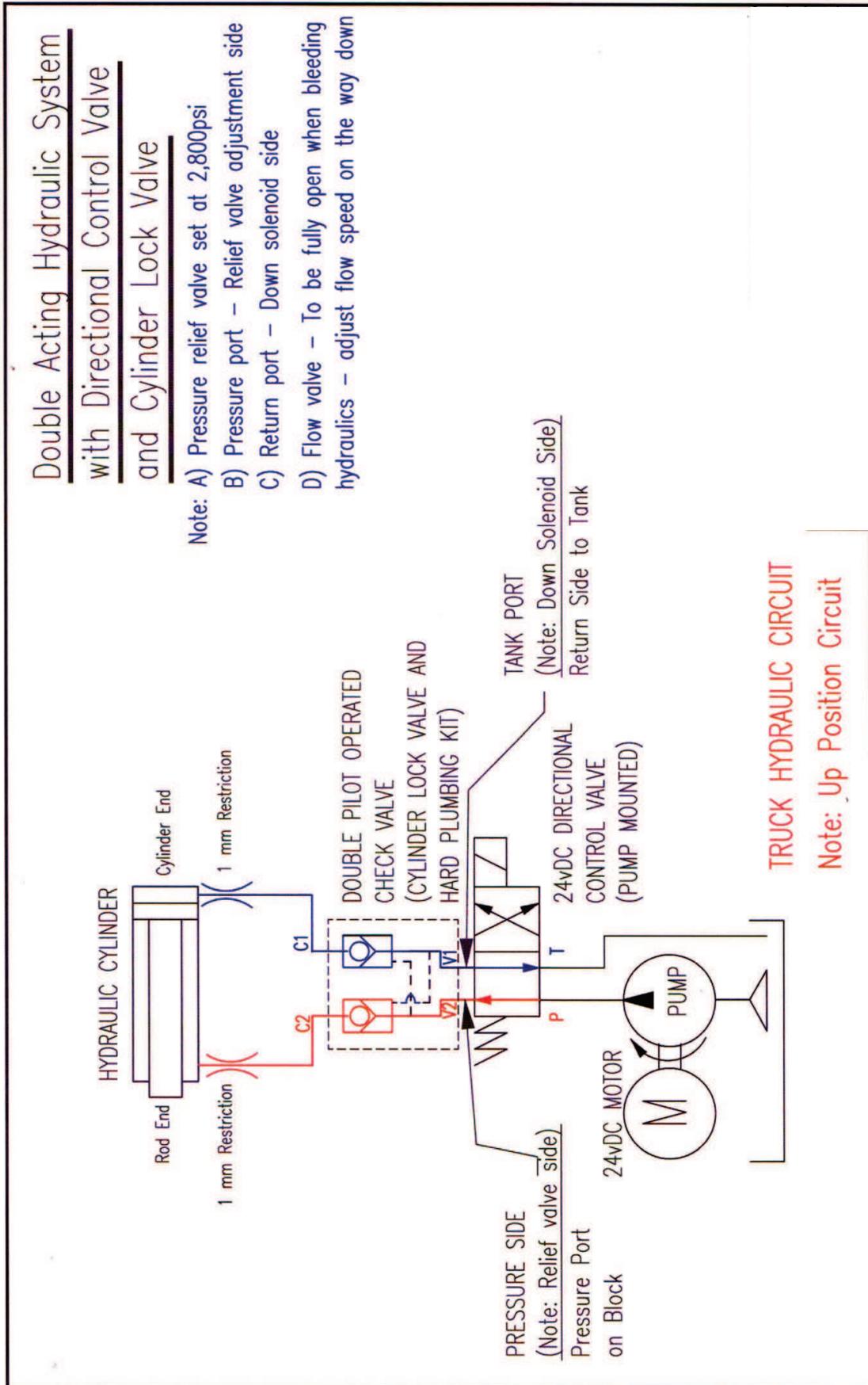
FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-4 Hydraulic Cylinder (Valve Diagram)

See Drawing Pg. 21

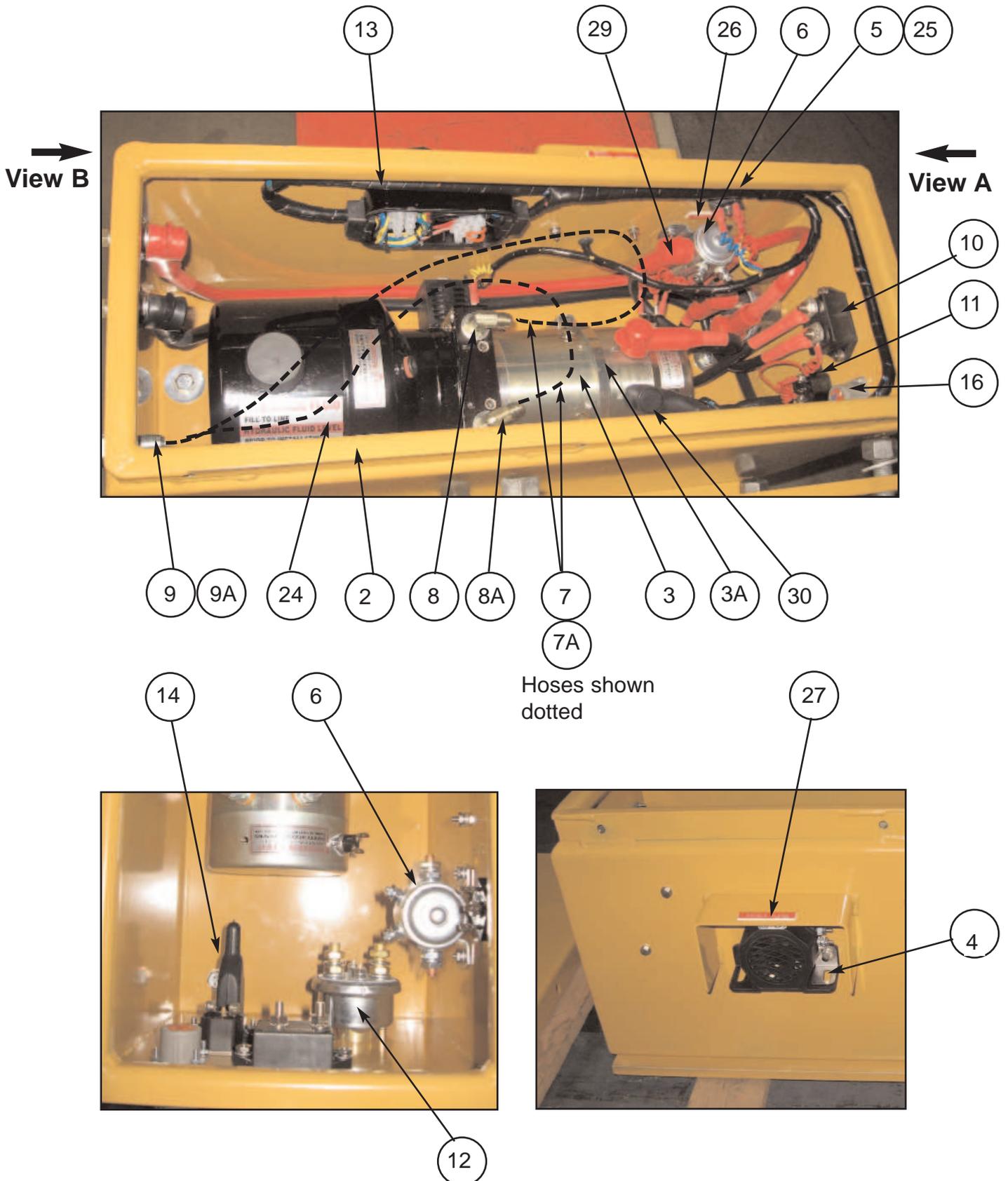


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Caterpillar 773D Truck



Section 4-5 Power Pack **PS-80103A-SLD**
 See Parts List Pg 25

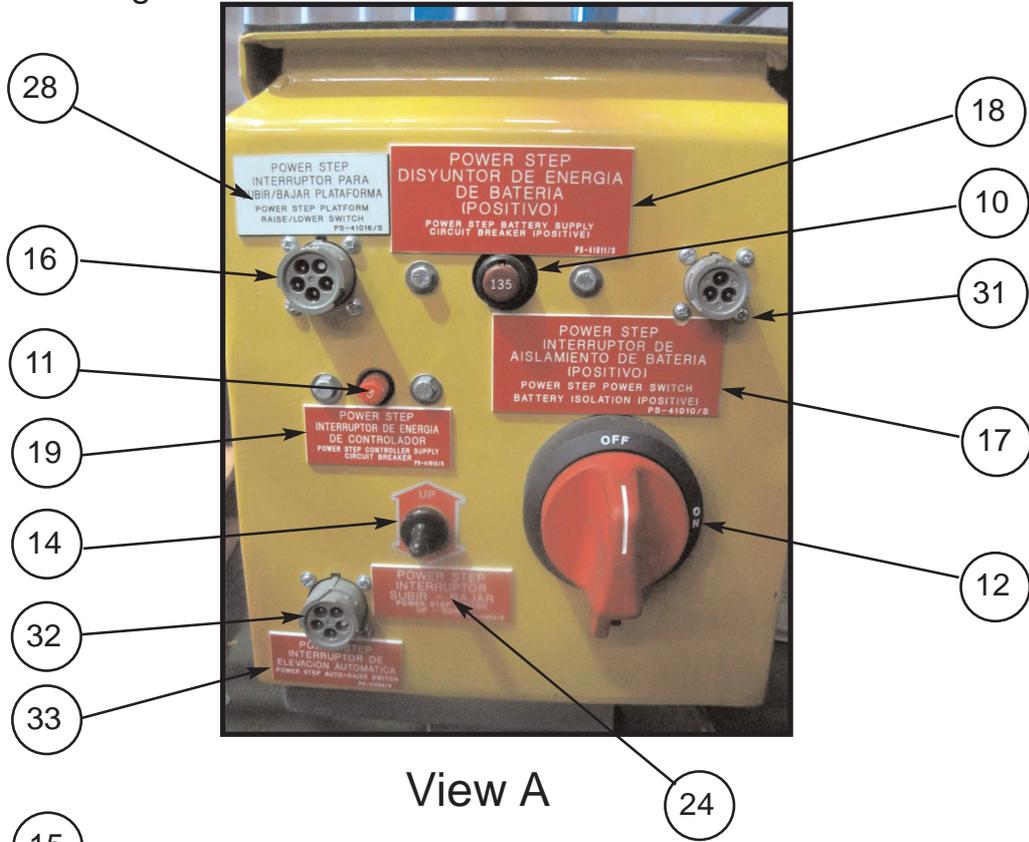


FOLDING STAIR Caterpillar 773D Truck

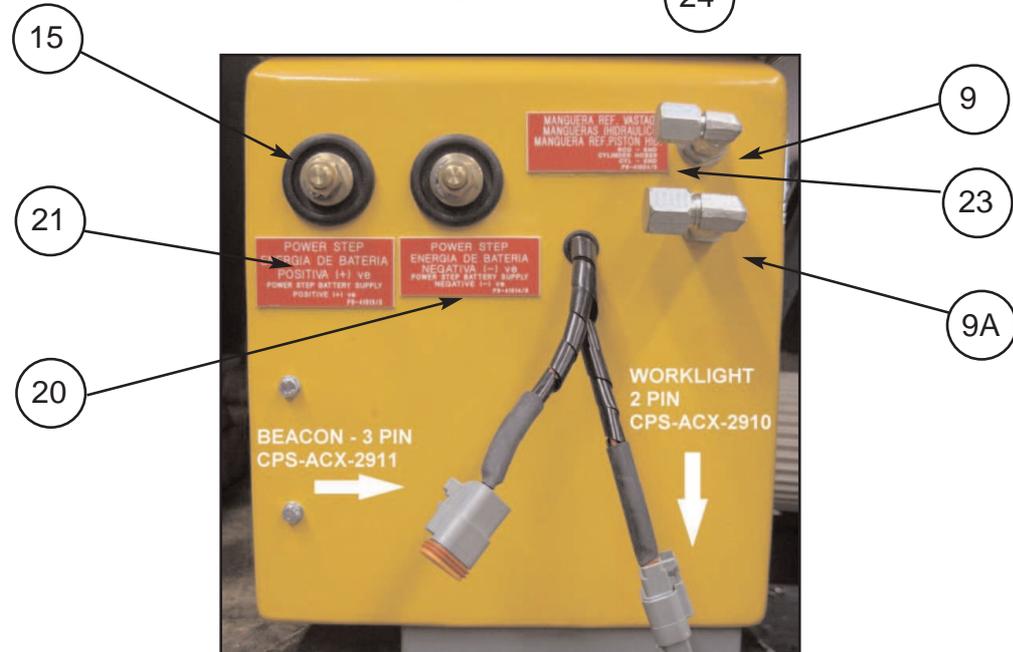


Section 4-5 Power Pack PS-80103A-SLD

See Parts List Pg 25



View A



View B

NOTE.

**THE RELIEF PRESSURE OF THE POWERPACK IS TO BE SET TO 2800SI.
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 STAIR

Caterpillar 773D Truck



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

See Photos Pg 23 & 24

Item	Part No.	Part Name	Qty		
1	PS-80103A-SLD	POWER PACK ASSEMBLY	1		
2	PS-21107-METAL	MOTOR ENCLOSURE- SEALED	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

Caterpillar 773D Truck

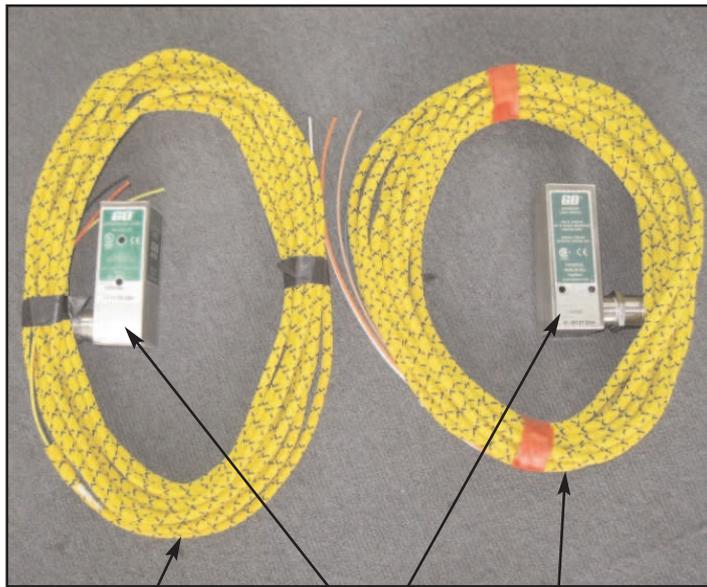


Section 4-6 Electrical Controls

See Parts List Pg 27

Proximity Switch Assembly

Mounted on Fixed Landing



5

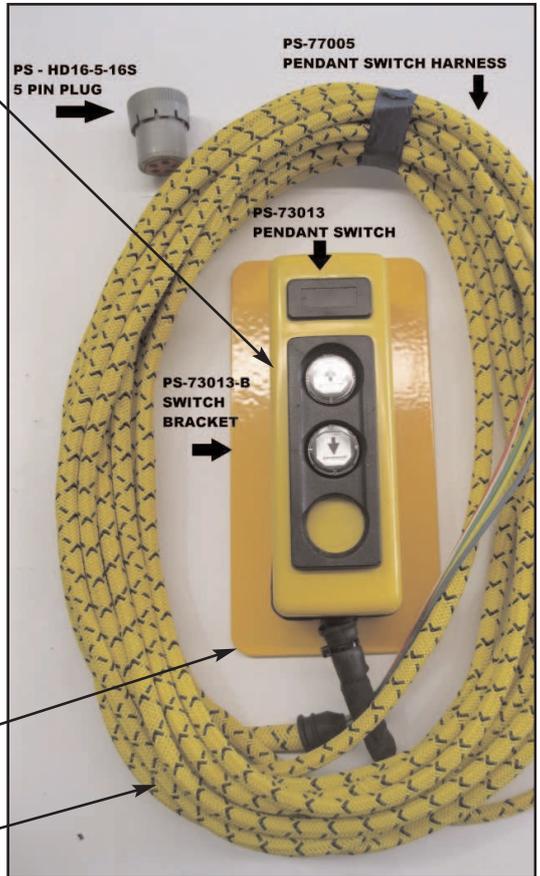
6

4

Control Pendant Switch

Mounted on Handrail

1



2

3

Cab Harness & Equipment

Refer Wiring Harness Drawings



6

7

FOLDING STAIRWAY

Caterpillar 773D Truck



Section 4-6 Electrical Controls

See Photos Pg 26

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		Optional only
5	PS-77004	CABIN TO SWITCH HARNESS	1		
6	PS-75430	PROXIMITY SWITCH	2		1 x Optional
7	PS-77002	CABIN BOX LED LIGHT INDICATOR	1		
8	PS-77003	WIRING HARNESS IN CABIN	1		

WARNING

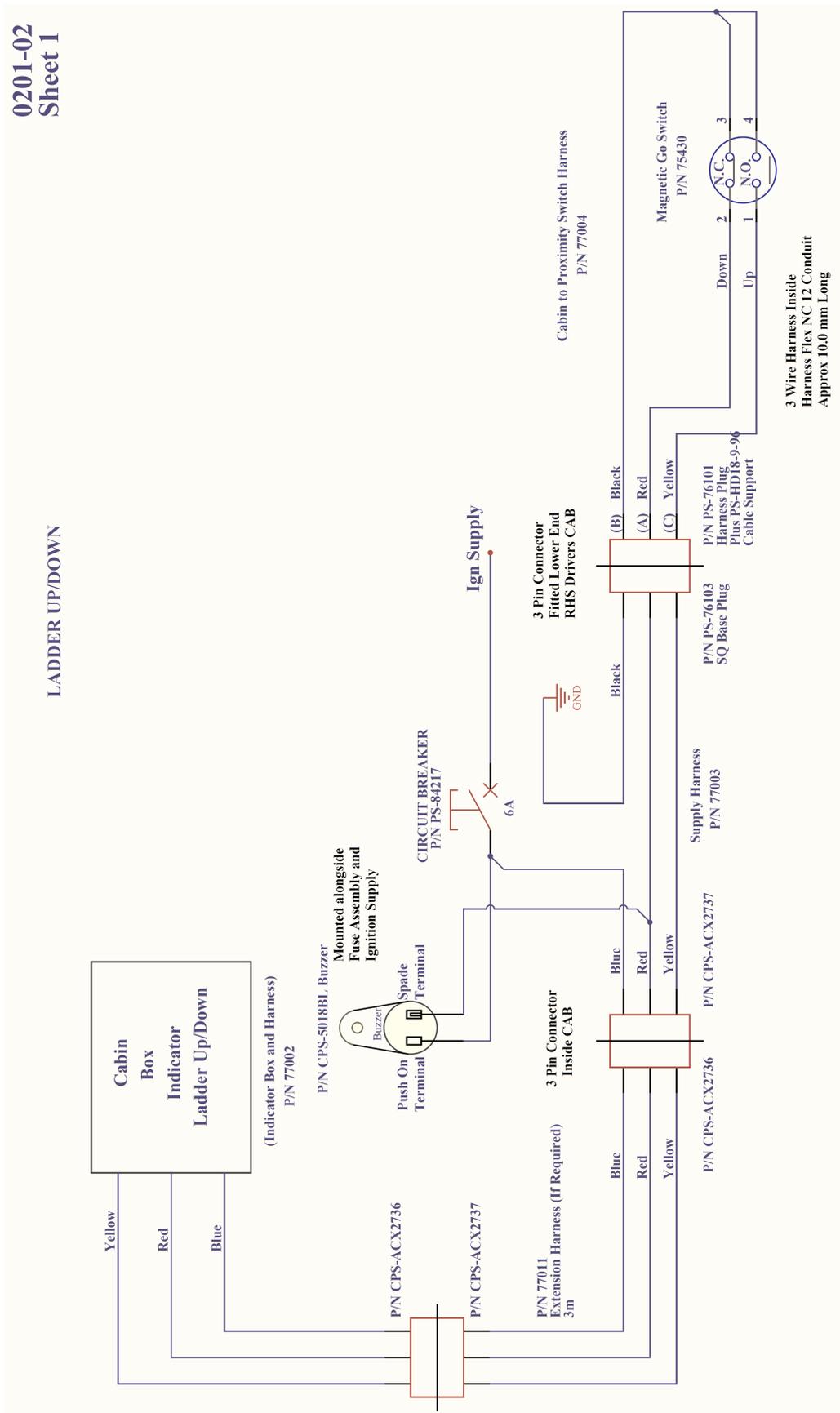
**LOW OR FAULTY BATTERIES WILL VOID
WARRANTY ON THE POWER PACK AND ALL
ELECTRICAL SWITCHES AND COMPONENTS**

FOLDING STAIR

Caterpillar 773D Truck



Section 4-6 Electrical Controls - Wiring Diagram Pg. 1



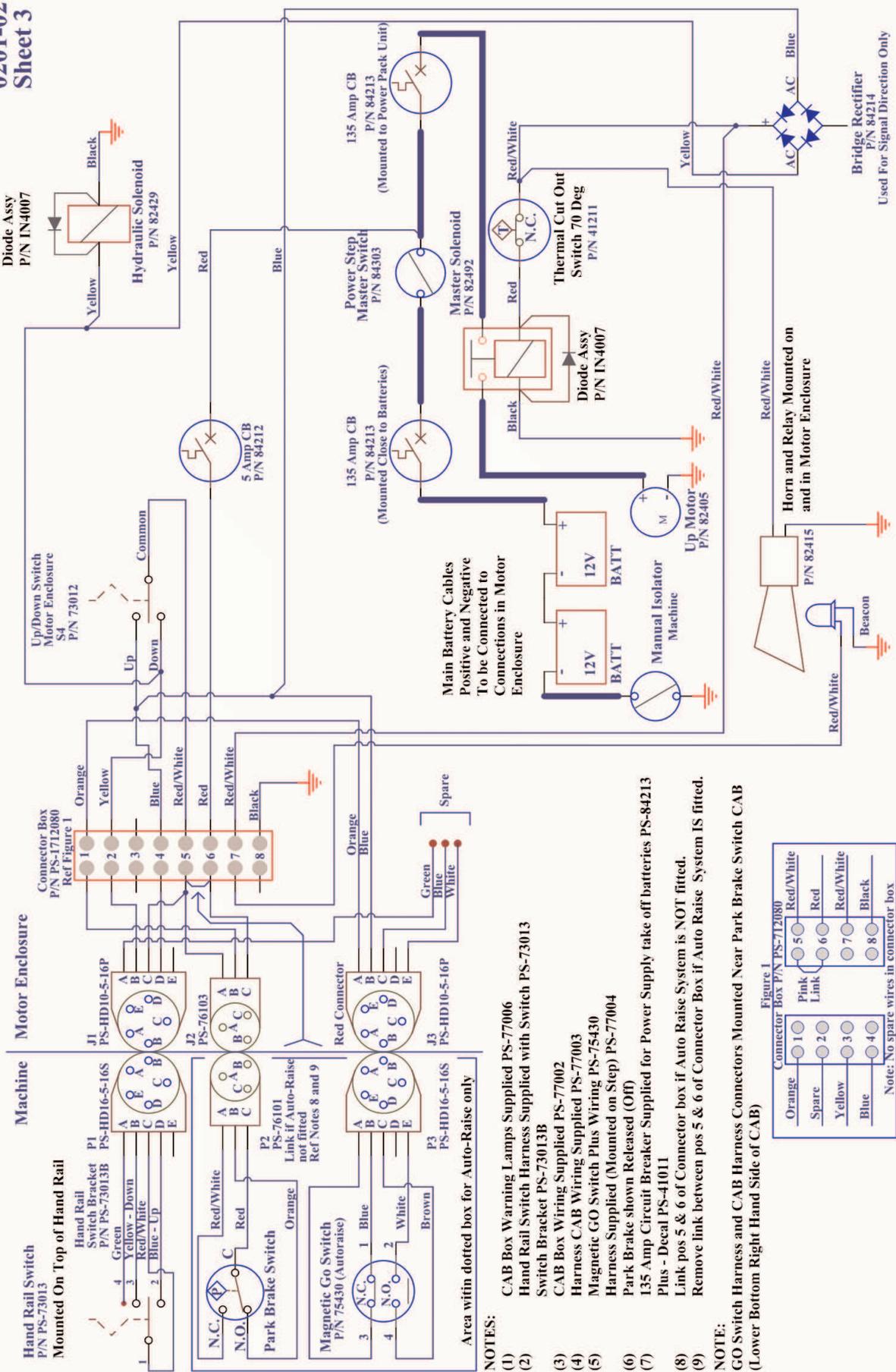
FOLDING STAIR

Caterpillar 773D Truck



Section 4-6 Electrical Controls - Wiring Diagram Pge. 2

0201-02
Sheet 3



FOLDING STAIR

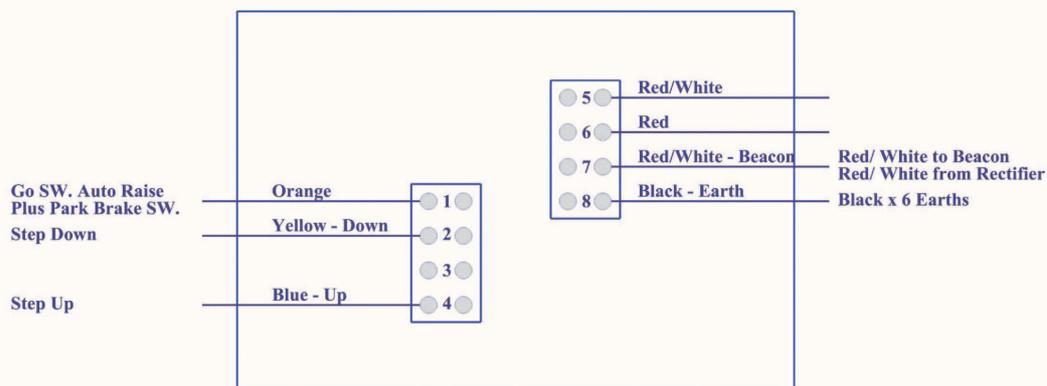
Caterpillar 773D Truck



Section 4-6 Electrical Controls - Wiring Diagram Pge. 3

0201-02
Sheet 5

WIRING HARNESS 1



Park Brake Harness - P/No 77006-PB

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

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

<u>Plug Term</u>	<u>Colour</u>		<u>Terminal ID.</u>	
(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)

<u>Plug Term</u>	<u>Colour</u>		<u>Terminal ID.</u>	
(B)	Black	-	No. 1 Terminal N.C. Contact] Length 10m (Harness Flex No 12)
(B)	Black	-	No. 2 Terminal N.O. Contact	
(Bridge No. 1 and No. 2 in Go Switch)				
(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)

<u>Plug Term</u>	<u>Colour</u>		<u>SW Contacts</u>		<u>Switch Terminal No.</u>	
(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 STAIR

Caterpillar 773D Truck



Section 4-6 Electrical Controls - Wiring Diagram Pge. 4

WIRING HARNESS 2

0201-02
Sheet 6

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

