

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

⚠ IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- X Do not use a faulty or damaged truck.
- X Do not adapt or modify the truck.
- ✓ Before using the truck all parts and working mechanisms should be checked for wear or damage. Pay particular attention to the wheels, handle and fork lifting and lowering mechanism. Any parts found to be worn, damaged or suspect should be repaired or replaced before the truck is used.
- ✓ All repairs must be carried out by an authorised Sealey service agent.
- ✓ Personnel who operate the truck and those in the vicinity of operation should wear safety shoes with reinforced toe caps at all times.
- X Never place any part of your body in the lifting mechanism or under the forks or load.
- X Do not allow others to ride on the truck.
- X Do not lift or move unstable or loosely stacked loads.
- ✓ Take special care when moving long, high or wide loads in order not to dislodge the load by striking any architectural features, permanent fixtures, vehicles or people in the area of operation.
- ✓ Always ensure that the load is evenly distributed across the forks with the centre of the load being at the halfway point of the length of the forks.
- X Do not overload the truck - refer to the specification for maximum permitted load.
- ✓ If a load is left unattended even for a very short period of time it should be lowered to the ground.
- ✓ When not in use the truck should be left in the lowered position.
- ✓ Ensure that the width and length of the forks is correct for the pallet to be lifted.
- ✓ Ensure that the truck is sufficiently inserted into the pallet to lift the full width of the pallet.
- X Do not use truck on sloping or uneven ground and do not attempt to negotiate curbs, steps or ramps. Use the truck on level, flat, hard surfaces.
- ✓ The operator of the truck must be physically capable of controlling the load selected; particularly in relation to stopping a rolling load.
- ✓ Do not use the truck in areas of low lighting (minimum 50 lux or less).

2. INTRODUCTION & SPECIFICATION

2.1 Introduction.

The PT1150LD pallet truck is a heavy duty-truck suitable for warehouse and general handling duties. The polyurethane, non-marking wheels have sealed-for-life bearings all round. The hydraulic unit has a chromed ram and piston for resistance to corrosion. The truck also has twin loading rollers.

2.2 Specification.

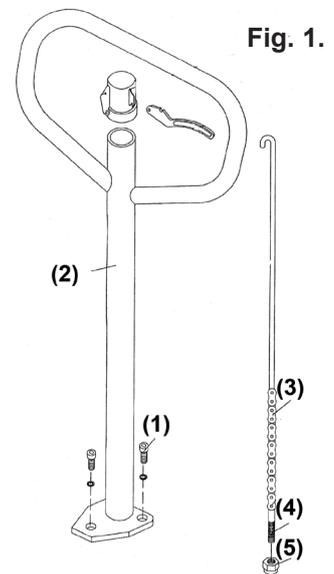
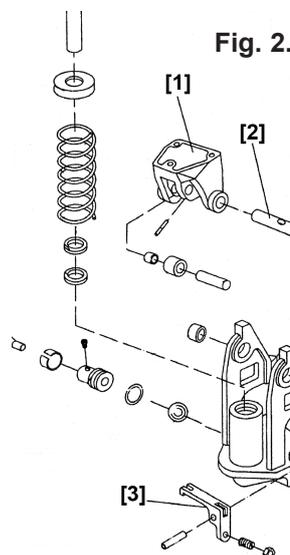
Model No	PT1150LD
Capacity	1680kg
Minimum height	75mm
Maximum height	190mm
Fork length	1150mm
Fork spread	220mm
Individual fork width	150mm
Load rollers	Ø73x55mm Polyurethane
Steering wheel	Ø180x50 Polyurethane



3. OPERATING HANDLE ATTACHMENT

IMPORTANT: The numbers in Fig. 1 are designated by oval brackets. The numbers in Fig. 2 are designated by square brackets.

- 3.1 Remove the three bolts (1) from the handle bracket [1].
- 3.2 Locate the handle (2) on the bracket [1].
- 3.3 Pass the chain (3) and the adjusting bolt (4) through the hole in the centre of the handle bracket (2) and shaft [2].
- 3.4 Insert the three bolts (1) through the handle base into the bracket [1]. Tighten them securely.
- 3.5 Raise the lever [3] and insert the adjusting bolt (4) into the front slot, keeping the adjusting nut (5) on the underside of the lever [3].



4. CONTROL ADJUSTMENT

4.1 The operating handle control lever (1) can be set to one of three positions, as shown in Fig. 3. Positions are:

- 4.1.1 **RAISE:** Control lever in the DOWN position.
- 4.1.2 **DRIVE:** Control level in the CENTRAL position.
- 4.1.3 **LOWER:** Control lever in the UP position.

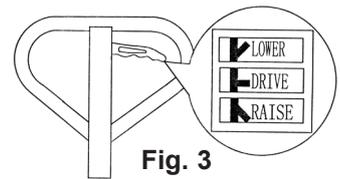


Fig. 3

4.2 If the above positions have been altered, they can be restored by carrying out the following adjustments.

IMPORTANT: The numbers in Fig. 4 are designated by oval brackets. The number in Fig. 5 is designated by square brackets.

- 4.2.1 If the forks rise whilst pumping in the **DRIVE** position, turn the adjusting nut (2) on the adjusting bolt (3) or the adjusting screw [1] **clockwise**, until the pumping action does not raise the forks and the **DRIVE** position functions normally.
 - 4.2.2 If the forks lower whilst pumping in the **DRIVE** position, turn the adjusting nut (2) or the adjusting screw [1] **counterclockwise**, until the pumping action does not lower the forks.
 - 4.2.3 If the forks do not lower when the control lever is in the **LOWER** position, turn the adjusting nut (2) or the adjusting screw [1] **clockwise**, until raising the control lever lowers the forks.
- NOTE:** Check the **DRIVE** position again by repeating paragraphs 4.2.1 and 4.2.2 to ensure that the adjusting nut (2) and the adjusting screw [1] are still in the correct position.
- 4.2.4 If the forks do not rise when pumping in the **RAISE** position, turn the adjusting nut (2) or the screw [1] **counterclockwise** until the forks rise whilst pumping in this position.

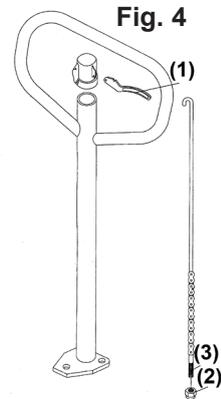


Fig. 4

NOTE: Check the **LOWER** and **DRIVE** positions again from paragraphs 4.2.1 to 4.2.3 to ensure that the **LOWER** and **DRIVE** positions are functioning correctly.

5. OPERATION

5.1 Operating the Pallet Truck

WARNING! An operator must be fully conversant with the safety instructions at Section 1.

- 5.1.1 Prior to operating the pallet truck, check the wheels, the operating handle and the fork unit to ensure they are fit for purpose.
- 5.1.2 Move the truck with the operating handle control lever in the **DRIVE** position, as this makes the operating handle easier to move and also depressurises the hydraulic pump. **DO NOT** overload the pallet truck.

NOTE: The stated capacity of the truck assumes an evenly distributed load with the centre of the load located half way along the length of the forks.

- 5.1.3 Ensure that the goods being transported are placed on the middle of the pallet truck forks. Refer to Fig. 6.

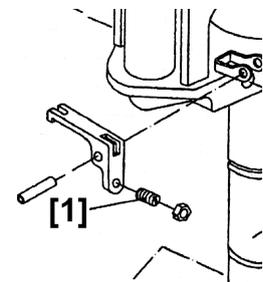


Fig. 5

6. MAINTENANCE

6.1 Daily Maintenance Check

- 6.1.1 Check the state of the wheels and the axles since thread, rags and other foreign objects can jam the wheels making safe, effective operation difficult.
- 6.1.2 On completion of each task, unload the forks and return them to the lowest position.

6.2 Oil Check

- 6.2.1 Check the oil level at six monthly intervals. Sealey hydraulic jack oil is used with the pallet truck. The viscosity of the oil should be 30cSt at 40°C. The amount used in the pallet truck is approximately 0.3 litres.

6.3 Lubrication

- 6.3.1 Use motor oil or grease to lubricate all moveable parts.

6.4 Purging Air from the Hydraulics

- 6.4.1 Air can get into the hydraulic oil through transportation, or the pump becoming misaligned. As a result, the forks will not elevate.
- 6.4.2 The air can be purged by setting the operating handle control lever, (1) in Fig. 4, to the **LOWER** position and pumping the operating handle up and down for a few seconds.
- 6.4.3 When the pallet truck is not in use, lower the forks and park the truck where it will not be a hazard.

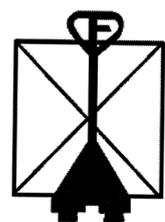
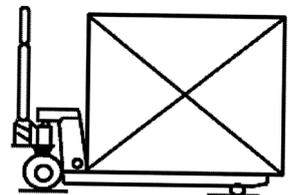


Fig. 6

7. TROUBLE SHOOTING

Problem	Cause	Remedy
The forks cannot be raised to their maximum height.	There is insufficient oil in the reservoir.	Replenish the oil to the correct level.
The forks cannot be raised.	No hydraulic oil or impurities or air in the oil. The adjusting nut (2) in Fig. 4 is too high. Keep pumping valve open.	Replenish or change the oil. Reset the adjusting nut (2) or bolt (3) in Fig 4. Purge the air from the hydraulic system.
The forks cannot be lowered.	The pump piston or the pump is deformed. Forks kept in the raised position resulting in the rod jamming. The adjusting nut or screw incorrectly positioned.	Replace the piston rod. Keep forks in the lowest position when not in use. Adjust the nut (2) Fig. 4 or the screw [1] Fig. 5.
The forks lower without the release valve operating.	Impurities, or air, has got into the release valve oil. Parts of the hydraulic system have been damaged. Adjusting nut (2) or screw [1] incorrectly positioned.	Replace the oil and/or purge the air from valve. Inspect and replace the damaged parts. Adjust the nut (2) Fig. 4 or screw [1] Fig. 5.
Leaks	Sealing parts worn or damaged. Parts damaged or ground down with use.	Replace the leaking seals. Repl ace damaged parts.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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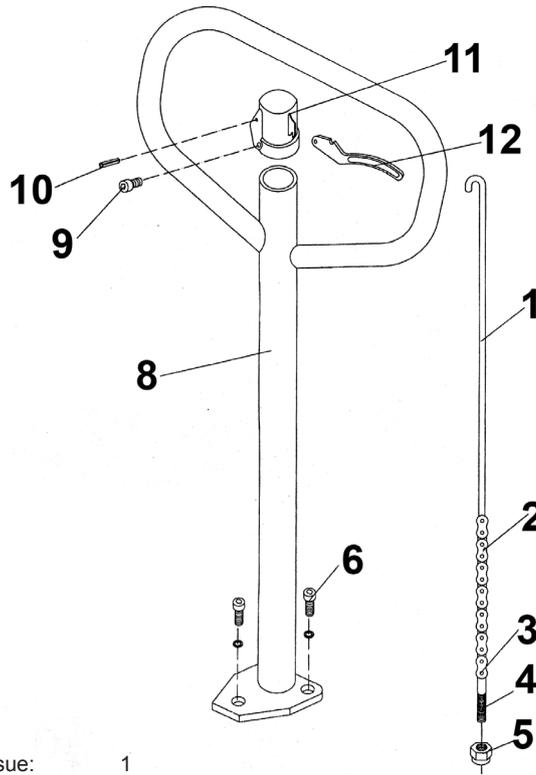
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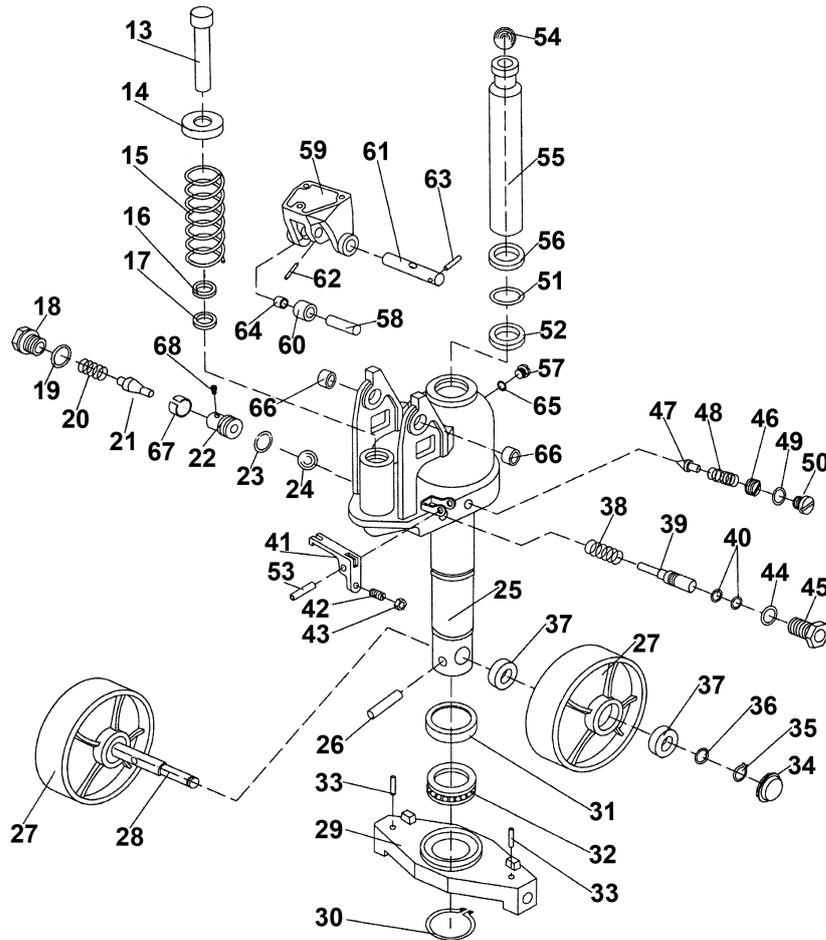


Issue: 1
 Date: 13/06/06

Parts List for the Operating Handle

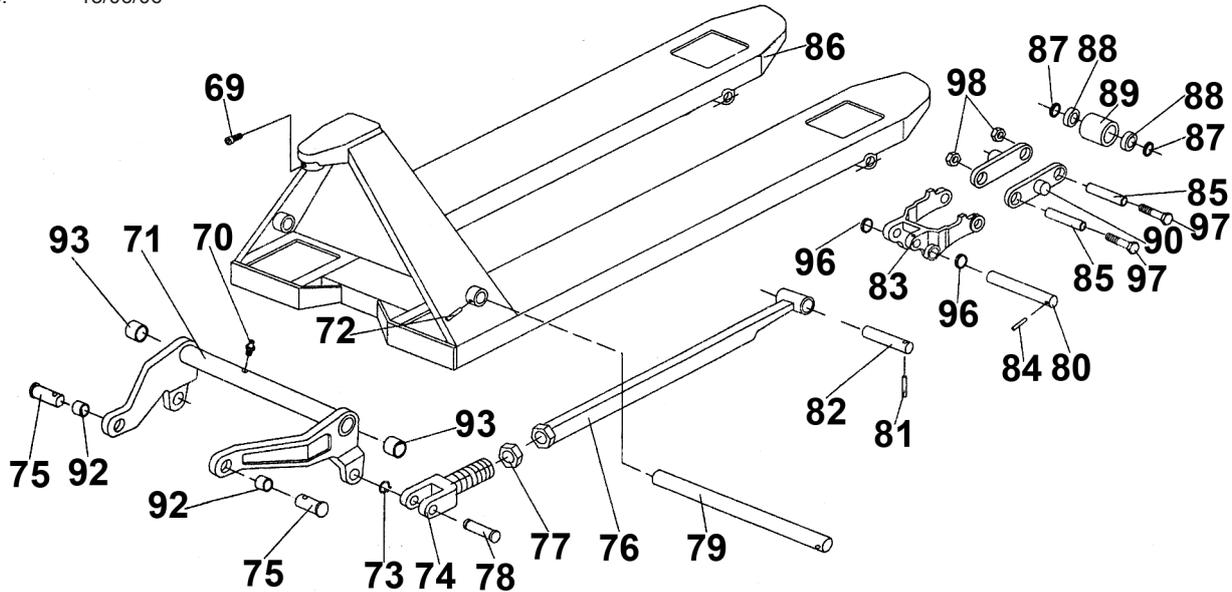
No.	PART No.	DESCRIPTION
1	PT1150LD.601	PULL ROD
2	PT1150LD.602	CHAIN
3	PT1150LD.603	PIN
4	PT1150LD.604	ADJUSTING BOLT
5	PT1150LD.605	LOCKING NUT
6	PT1150LD.606	SCREW
8	PT1150LD.608	HANDLE
9	PT1150LD.609	SCREW
10	PT1150LD.610	PIN
11	PT1150LD.611	CAP
12	PT1150LD.612	CONTROL HANDLE

Issue: 1
 Date: 13/06/06



Parts List for the Hydraulic Pump

No.	PART No.	DESCRIPTION	No.	PART No.	DESCRIPTION
13	PT1150LD.D101	PUMP PISTON ROD	41	PT1150LD.D132	LEVER
14	PT1150LD.D102	WASHER	42	PT1150LD.D133	ADJUSTING SCREW
15	PT1150LD.D103	SPRING	43	PT1150LD.D134	NUT
16	PT1150LD.D104	DUST RING	44	PT1150LD.D135	O-RING
17	PT1150LD.D105	Y-SEAL	45	PT1150LD.D136	AXLE SLEEVE
18	PT1150LD.D106	SCREW	46	PT1150LD.D137	ADJUSTING BOLT
19	PT1150LD.D107	O-RING	47	PT1150LD.D139	SAFETY VALVE SPINDLE
20	PT1150LD.D108	SPRING	48	PT1150LD.D140	SPRING
21	PT1150LD.D109	PUMP VALVE SPINDLE	49	PT1150LD.D141	O-RING
22	PT1150LD.D110	PUMP VALVE SEAT	50	PT1150LD.D142	SCREW
23	PT1150LD.D111	O-RING	51	PT1150LD.D143	O-RING
24	PT1150LD.D112	STEEL BALL	52	PT1150LD.D144	Y-SEAL
25	PT1150LD.D113	PUMP BASE	53	PT1150LD.D145	ROLL PIN
26	PT1150LD.D115	ROLL PIN	54	PT1150LD.D146	STEEL BALL
27	PT1150LD.D116	STEERING WHEEL	55	PT1150LD.D147	PISTON ROD
28	PT1150LD.D117	STEERING WHEEL SHAFT	56	PT1150LD.D148	DUST RING
29	PT1150LD.D118	THRUST PLATE	57	PT1150LD.D149	SCREW
30	PT1150LD.D120	RETAINING RING	58	PT1150LD.D150	SHAFT
31	PT1150LD.D121	BEARING COVER	59	PT1150LD.D151	BRACKET
32	PT1150LD.D122	BEARING	60	PT1150LD.D152	PRESSURE ROLLER
33	PT1150LD.D123	ROLL PIN	61	PT1150LD.D153	SHAFT
34	PT1150LD.D124	DUST COVER	62	PT1150LD.D154	ROLL PIN
35	PT1150LD.D125	LOCKING RING	63	PT1150LD.D155	ROLL PIN
36	PT1150LD.D126	WASHER	64	PT1150LD.D156	BUSHING
37	PT1150LD.D127	BEARING	65	PT1150LD.D157	SEAL WASHER
38	PT1150LD.D129	SPRING	66	PT1150LD.D158	BUSHING
39	PT1150LD.D130	STRIKE PIN	67	PT1150LD.D159	SLEEVE
40	PT1150LD.D131	O-RING	68	PT1150LD.D160	SCREW



Parts List for the Fork Frame

No.	PART No.	DESCRIPTION
69	PT1150LD.D201	SCREW
70	PT1150LD.D202	OIL - HOLDER
71	PT1150LD.D203	ROCK-ARM
72	PT1150LD.D204	PIN
73	PT1150LD.D205	RETAINING RING
74	PT1150LD.D206	JOINT
75	PT1150LD.D207	SHAFT
76	PT1150LD.D208	PUSHING ROD
77	PT1150LD.D209	NUT
78	PT1150LD.D210	PIN
79	PT1150LD.D211	SHAFT
80	PT1150LD.D212	SHAFT
81	PT1150LD.D213	PIN
82	PT1150LD.D214	SHAFT
83	PT1150LD.D215	FRAME FOR ROLLER
84	PT1150LD.D216	PIN
85	PT1150LD.D217	SLEEVE FOR ROLLER
86	PT1150LD.D218	FORK FRAME
87	PT1150LD.D219	WASHER
88	PT1150LD.D220	BEARING
89	PT1150LD.D221	LOAD ROLLER
90	PT1150LD.D222	LINKING PLATE
92	PT1150LD.D224	BUSHING
93	PT1150LD.D225	BUSHING
96	PT1150LD.D232	WASHER
97	PT1150LD.D233	BOLT
98	PT1150LD.D234	LOCKING NUT