



# Instruction Manual

---

## *Deluxe Quick Lift Pallet Truck*

Part Number: 272861



**Note: Operator MUST read and understand these operating instructions before using this Hand Pallet Truck.**

ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

**TABLE OF CONTENTS**

1 General Information ..... 2  
 1.1 Description.....2  
 1.2 Specifications.....2  
 2 Handle Assembly.....3  
 3 Operation.....4  
 3.1 Lower.....4  
 3.2 Lift.....4  
 3.3 Quick Lift.....4  
 4 Maintenance.....4  
 4.1 Daily Check.....4  
 4.2 Lubrication.....4  
 5 Safety Information.....4  
 6 Trouble Shooting.....5  
 7 Hydraulic System Part Information.....6  
 7.1 Hydraulic System Parts Diagram.....6  
 7.2 Hydraulic System Parts List.....7  
 8 Fork Frame & Handle Part Information.....8  
 8.1 Fork Frame & Handle Parts Diagram.....8  
 8.2 Fork Frame & Handle Parts List.....8

**1. GENERAL INFORMATION**

**1.1 DESCRIPTION**

Thank you for purchasing a Wesco Deluxe Quick Lift Pallet Truck. This pallet truck is designed for transporting and horizontal lifting. The pallet truck features a quick lift function for loads under 300 lbs, lifting up to 4.5” with no pumping. It also has a 5 year pump warranty, 6” wide forks and a rubber coated handle. It operates with 8” moldon polyurethane steering wheels and 3” moldon polyurethane load wheels.

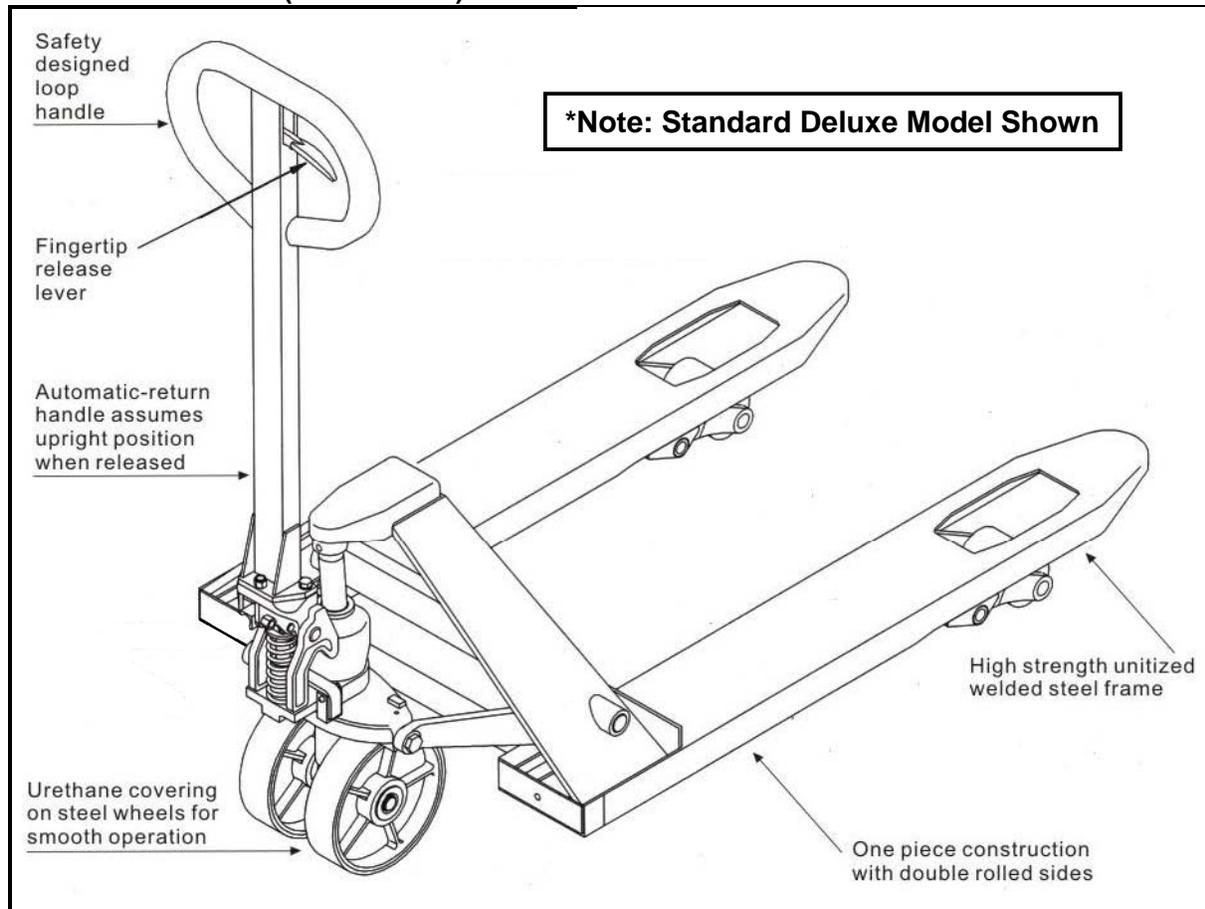
**1.2 SPECIFICATIONS**

Model	<b>272861</b>
Capacity	5,500 lbs/ 300 lbs Quick Lift
Weight	166 lbs
Fork Lowered Height	3”
Fork Raised Height	8”
Single Fork Width	6”
Fork Length	48”
Steering Wheel	7” Moldon Polyurethane
Load Wheel	3” Moldon Polyurethane
Overall Width	27”
Overall Length	63”
Overall Height	48”

*Materials and specifications are subject to change without notice.*

ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

**1.2 SPECIFICATIONS (CONTINUED)**



**Figure 1**

**2. HANDLE ASSEMBLY**

*Items identified in Parts Diagrams*

- 1) Use schematics and Figure 1 as a reference.
- 2) Position yourself behind the truck with forks pointing away.
- 3) Remove (3) screws [Item 22] from handle base [item 23].
- 4) Holding handle [item 68] in one hand, and a screwdriver in the other, place the screwdriver in one of the 3 screw holes in handle base [item 23]. Pull on the screw driver so that the handle base [item 23] tilts back until the center hole in the handle [item 23] and axle [item 21] are aligned.
- 5) Slip chain [item 72] through both holes.
- 6) Replace 3 each screws [item 22] attaching handle [item 68] to handle base [item 23].
- 7) Pull up on lowering arm [item 35] and slip chain and nut assembly [items 72, 73] into slot. Nut [item 73] should be resting against underside of lowering arm [item 35].

ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

### **3. OPERATION**

#### **3.1 TO LOWER**

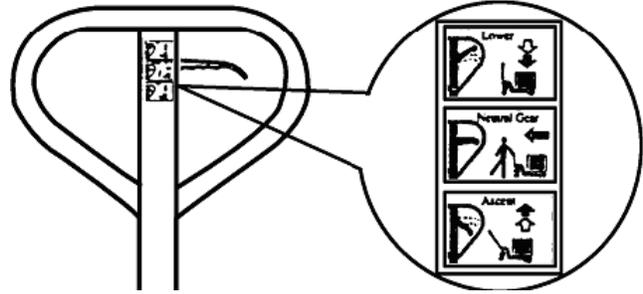
Pull the release lever up, the truck will lower (detailed on right).

#### **3.2 TO LIFT**

Push the release lever down, you can now pump the truck up.

#### **3.3 TO QUICK LIFT**

Step on the pedal located between the steering wheels. No pumping required, load lifts to 4.5 inches.



### **4. MAINTENANCE**

#### **4.1 DAILY CHECK AND MAINTENANCE**

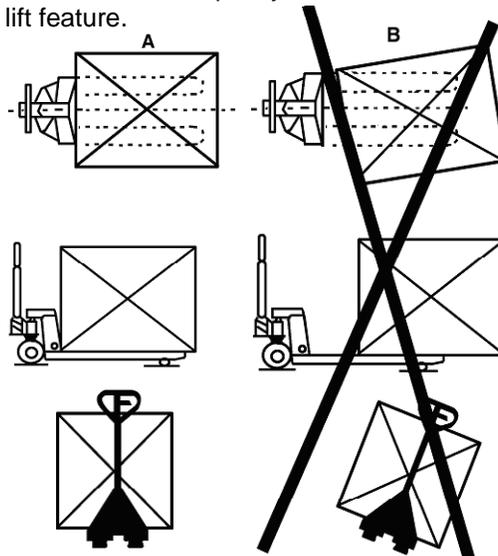
Check the pallet truck daily to limit wear as much as possible. Pay special attention to the wheels and the axles because thread, rags, etc. may block the wheels. The forks should be unloaded and set to the lowest position when not in use.

#### **4.2 LUBRICATION**

Lubricate the axles of wheels and all moving parts.

### **5. SAFETY INFORMATION**

- 5.1 Operator should read all warning labels and instructions before using this truck.
- 5.2 Do not use on uneven surfaces.
- 5.3 Do not operate the pallet truck unless you are familiar with the unit and have been trained or authorized to do so.
- 5.4 Do not operate the pallet truck unless you have checked its condition. Check the wheels, the rollers, the draw-bar unit, the fork unit, the lever plate, etc.
- 5.6 Do not lift or transport people on the pallet truck.
- 5.7 Do not load goods like fig. 5/B. Center loads on the pallet truck.
- 5.8 Do not load the truck over the maximum capacity of the unit: 5,500 lbs for normal lifting or over 300 lbs while using the quick lift feature.



ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

## 6. TROUBLE SHOOTING

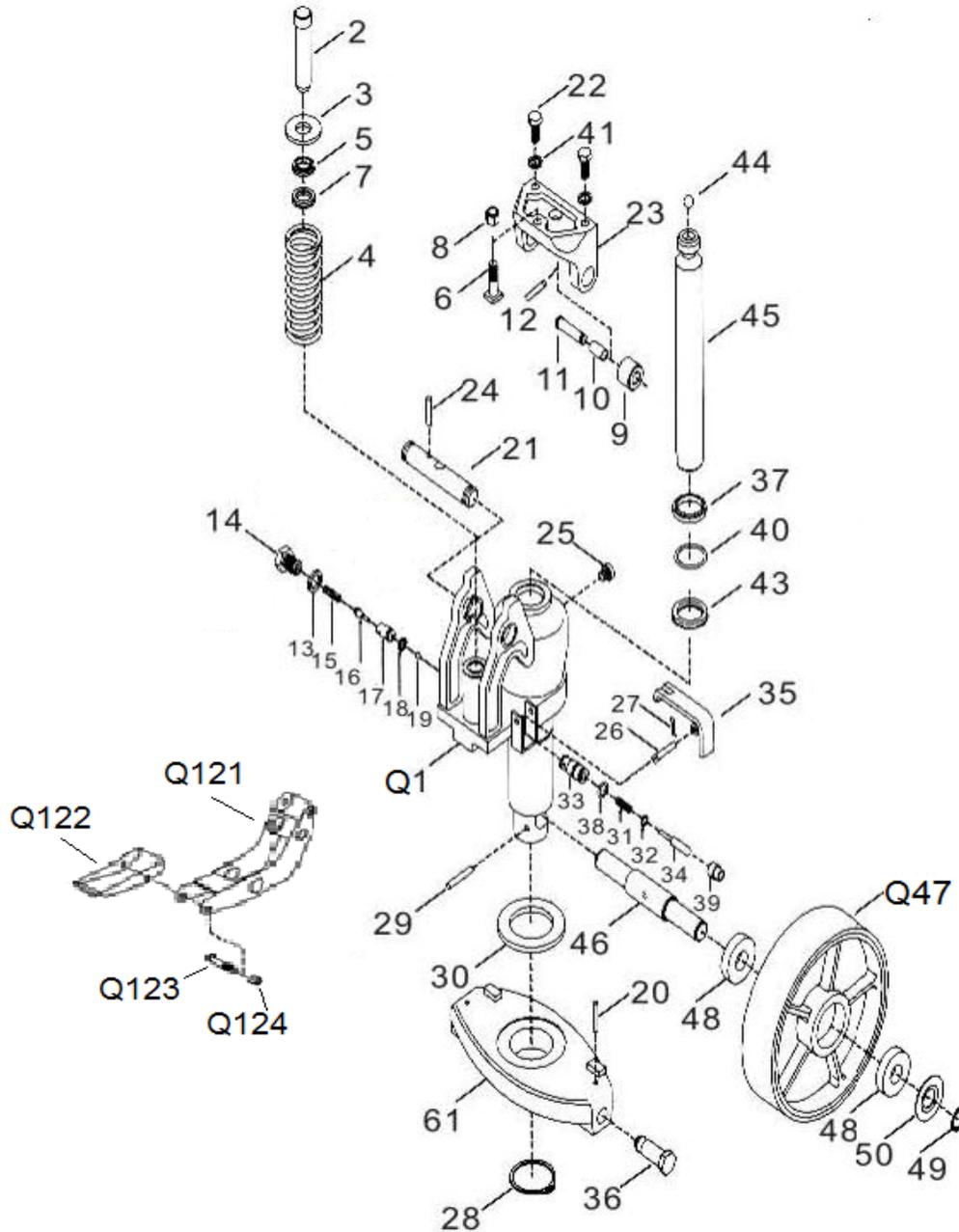
No	Problem	Causes	Solutions
1	Jack feels "spongy" when operating	- Air in the hydraulic system. - Insufficient hydraulic oil.	- Hold lever up, then pull the loop handle down and up for a few strokes. - Remove the oil plug [item 25] and add oil.
2	Forks do not rise when the valve handle is in lifting position	- Insufficient hydraulic oil. - The lowering arm assembly does not open - Leak from Valve Cone [item 16] Assembly	- Remove the oil plug [item 25] and add oil. - Adjust the valve chain with adjusting nut [item 73] or check the release piston [item 34]. - Replace steel ball [item 19]
3	Forks drop after every pump stroke	- Air in the hydraulic system - Leak from the valve Cone [item 16]	- Hold lever up, then pull the loop handle down and up for a few strokes. - - Replace Valve Cone [item 16], valve housing [item 17], O-Ring [item 18] and O-Ring [item 13]
4	"Lowering action" does not function or lowers slowly	- Insufficient travel of lowering arm	- Adjust the valve chain and adjusting nut [item 73].
5	Forks drop when the handle is in the neutral position	- The lowering arm does not open properly - Leak from the valve cone - Leak from the seal rings in the bottom plate	- Adjust the valve chain with adjusting nut [item 73] or check the release piston [item 34]. - Replace Valve Cone [item 16], valve housing [item 17], O-Ring [item 18] and O-Ring [item 13] - Replace Cup Packing [item 43]
6	Pumping still occurs when valve handle is in neutral position		- Adjust the valve chain with adjusting nut [item 73] or check the release piston [item 34].
7	Oil leaks from the lowering arm assembly	- Seal ring damage or worn out	- Replace O-ring [item 32] and [item 38].

**NOTE: DO NOT ATTEMPT TO REPAIR THE PALLET TRUCK UNLESS YOU ARE TRAINED AND AUTHORIZED TO DO SO.**

ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

**7. HYDRAULIC SYSTEM PART INFORMATION**

**7.1 HYDRAULIC SYSTEM PARTS DIAGRAM**



ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

### 7. HYDRAULIC SYSTEM PART INFORMATION

#### 7.2 HYDRAULIC SYSTEM PARTS LIST

Part Number	Item	Description	Qty.
	Q1	Pump Replacement	1
270101	2	Plunger Piston	1
270578	3	Cap Washer	1
270102	4	Spring	1
<b>(Seal Kit)</b>	5	Dust Seal	1
270919	6	Screw	1
<b>(Seal Kit)</b>	7	Cup Packing	1
270236	8	Jam Nut	1
270631	9	Roller	1
270632	10	Bushing	1
<b>(Handle Base Kit)</b>	11	Axle	1
<b>(Handle Base Kit)</b>	12	Ball	1
<b>(Seal Kit)</b>	13	Packing	1
270822	14	Screw	1
<b>(Seal Kit)</b>	15	Spring	1
270109	16	Valve Cone	1
270110	17	Valve Housing	1
<b>(Seal Kit)</b>	18	O-Ring	1
<b>(Seal Kit)</b>	19	Ball	1
270113	20	Spring Pin	2
270114	21	Axle	1
<b>(Screw/Washer Kit)</b>	22	Bolt/Washer	2
<b>(Handle Base Kit)</b>	23	Handle Base	1
270116	24	Spring Pin	1
270117	25	Oil Plug	1
270118	26	Axle Pin	1
270119	27	Pin	1

Part Number	Item	Description	Qty.
270120	28	Locking Ring	1
270121	29	Spring Pin	1
270122	30	Thrust Bearing	1
<b>(Seal Kit)</b>	31	Spring	1
<b>(Seal Kit)</b>	32	O-Ring	1
270576	33	Relief Cylinder	1
270125	34	Release Piston	1
270126	35	Lowering Arm	1
270127	36	Table Bolt	2
<b>(Seal Kit)</b>	37	Dust Seal	1
270268	38	O-Ring	1
270267	39	Piston Boot	1
<b>(Seal Kit)</b>	40	O-Ring	1
<b>(Screw/Washer Kit)</b>	41	Bolt/Washer	2
<b>(Seal Kit)</b>	43	O-Ring	1
270132	44	Ball	1
270133	45	Ram Piston	1
270134	46	Wheel shaft	1
270900	Q47	Steering Wheel	2
270273	48	Ball Bearing	4
270137	49	Locking Ring	1
270314	50	Cap	1
270284	61	Yoke	1
	Q121	Lifter	1
	Q122	Pedal	1
	Q123	Screw Axle	1
	Q124	Nut	1

\*Items within kits specify quantity included per kit

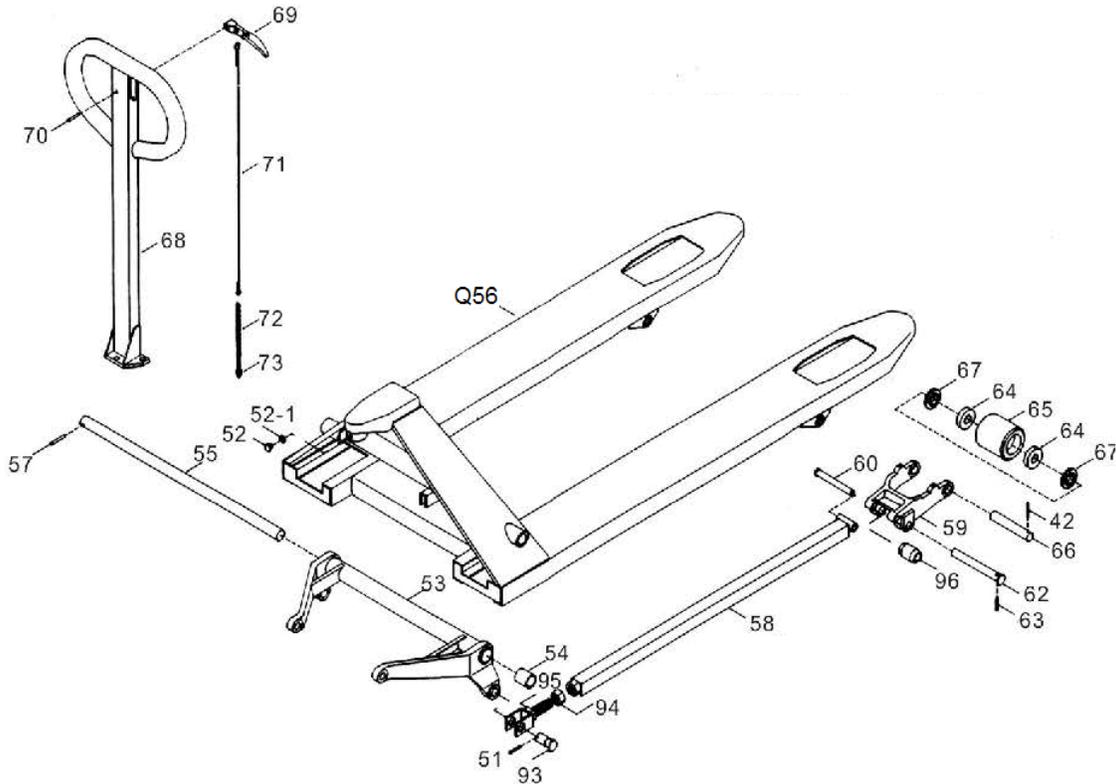
#### OFFERED KITS LIST

270115: Handle Screw & Washer	22	Bolt/Washer	2
	41	Bolt/Washer	2
270158: Seal Kit	5	Dust Seal	1
	7	Cup Packing	1
	13	Packing	1
	15	Spring	1
	18	"O" Ring	1
	19	Ball	1
	20	Spring Pin	2
	27	Pin	1
	31	Spring	1
	32	"O" Ring	1
	37	Dust Seal	1
270105: Handle Base Replacement Kit	40	"O" Ring	1
	43	Cup Packing	1
		Oil Plug "O" Ring	1
	9	Roller	1
	10	Bushing	1
	11	Axle	1
	12	Ball	1
22	Screw	1	
	23	Handle Base	1

ATTENTION: TO INSURE SAFE AND EASY USE OF YOUR WESCO PALLET TRUCK, READ THESE INSTRUCTIONS ENTIRELY BEFORE USING.

**8. FORK FRAME & HANDLE PART INFORMATION**

**8.1 FORK FRAME & HANDLE PARTS DIAGRAM**



**8.2 FORK FRAME & HANDLE PARTS LIST**

Part Number	Item	Description	Qty.
270265	42	Load Wheel Axle Pin	1
270138	51	Spring Pin	2
270581	52	Screw	1
270582	53	27" Trunion	1
270258	54	Bushing	1
270575	55	27" Pivot Rod	1
	56	Fork	1
270272	57	Spring Pin	1
270584	58	48" Connecting Rod	2
270263	59	Load Wheel Yoke	1
270264	60	Connecting Rod Pin	1
270284	61	Yoke	
270144	62	Yoke Axle	1
270266	63	Spring Pin	1

Part Number	Item	Description	Qty.
270273	64	Ball Bearing	4
270288	65	Load Wheel	2
270273	66	Load Wheel Axle	1
270289	67	Nylon Cover	4
270819	68	Coated Handle	1
<b>(Handle Release Assembly)</b>	69	Control Lever	1
270157	70	Spring Pin	1
<b>(Handle Release Assembly)</b>	71	Wire	1
<b>(Handle Release Assembly)</b>	72	Chain Coupling	1
270148	73	Nut	1
270833	93	Pin	1
270834	94	Adjustment Nut	1
270835	95	Adjustment Screw	1
270821	96	Exit Roller	1

\*Items within kits specify quantity included per kit

**OFFERED KITS LIST**

270141		Handle Kit (Includes Items: 68, 70, 71, 72, 73)	1
270155		Handle Release Assembly (Includes Items: 69, 71, 72, 73)	1