



Instruction Manual

Deluxe Foot Pump Fork Pallet Truck

Part Number: 272766



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.

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1. GENERAL INFORMATION

1.1 DESCRIPTION

Thank you for purchasing a Wesco Deluxe Foot Pump Pallet Truck. This pallet truck is offers the option of using the foot pedal to raise the forks when space constraints make it difficult to use the standard handle. The pallet truck features a 5 year pump warranty, and a rubber coated handle. It operates with 8" steering wheels and 3" load wheels (both moldon polyurethane) to provide 200° steering.

1.2 SPECIFICATIONS

Model	272766
Capacity	5,500 lbs
Weight	170 lbs
Fork Lowered Height	3"
Fork Raised Height	8"
Single Fork Width	6"
Fork Length	48"
Overall Width	27"
Overall Length	63"
Overall Height	48"

Materials and specifications are subject to change without notice.

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1.2 SPECIFICATIONS (CONTINUED)

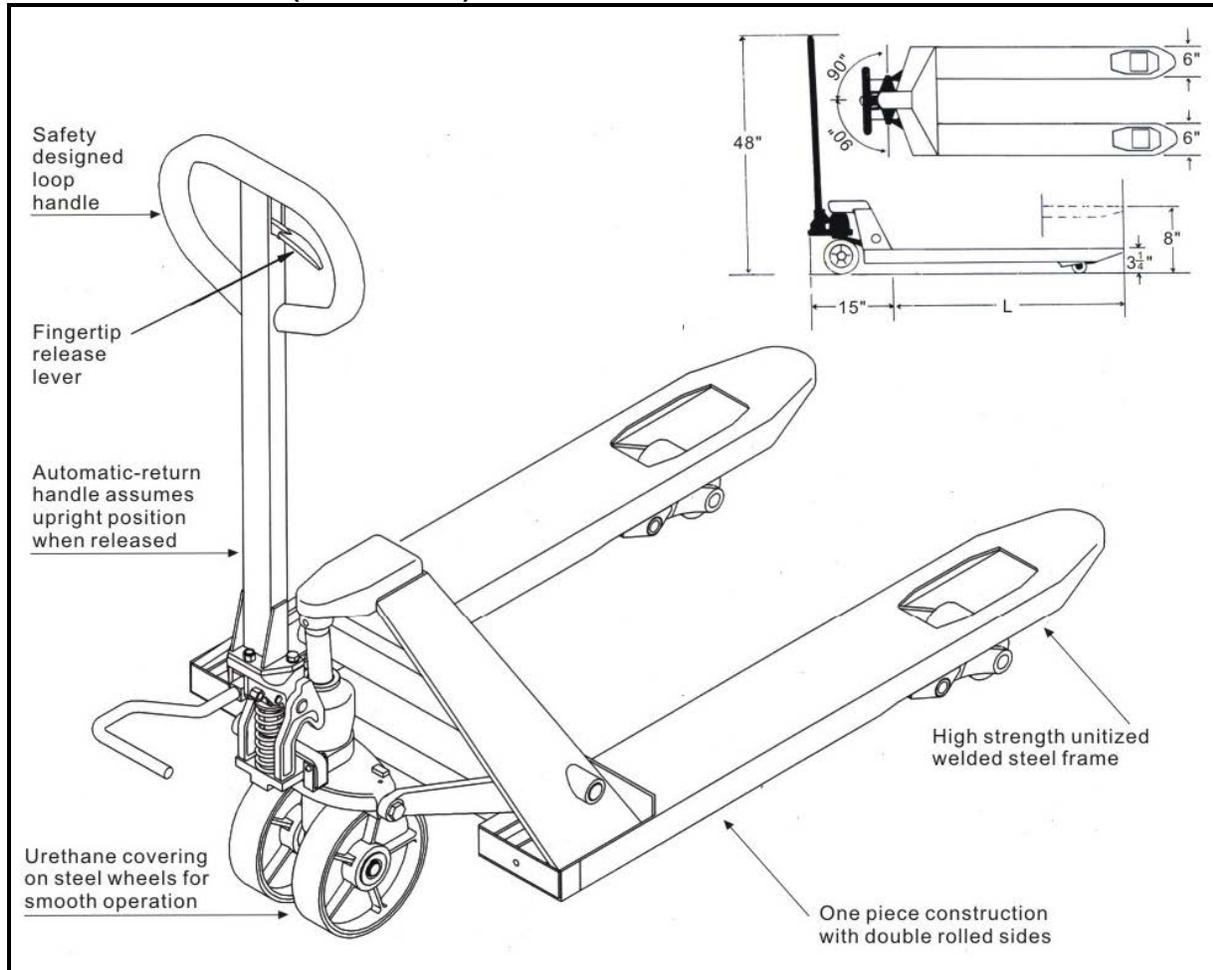


Figure 1

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].

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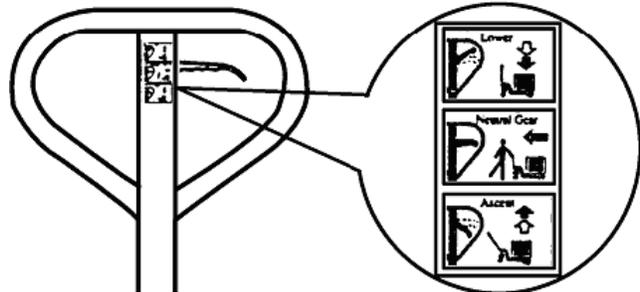
3. OPERATION

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.



4. MAINTENANCE

4.1 DAILY CHECK AND MAINTENANCE

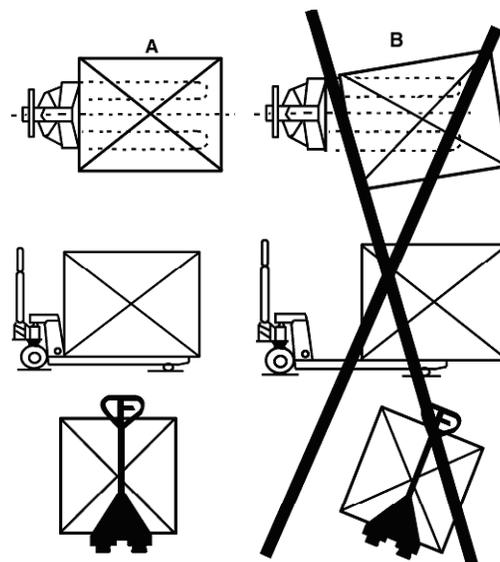
Check the pallet truck daily to limit wear as much as possible. Pay special attention to the wheels and the axles because thread, rags, etc. may block the wheels. The forks should be unloaded and set to the lowest position when not in use.

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.



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6. TROUBLE SHOOTING

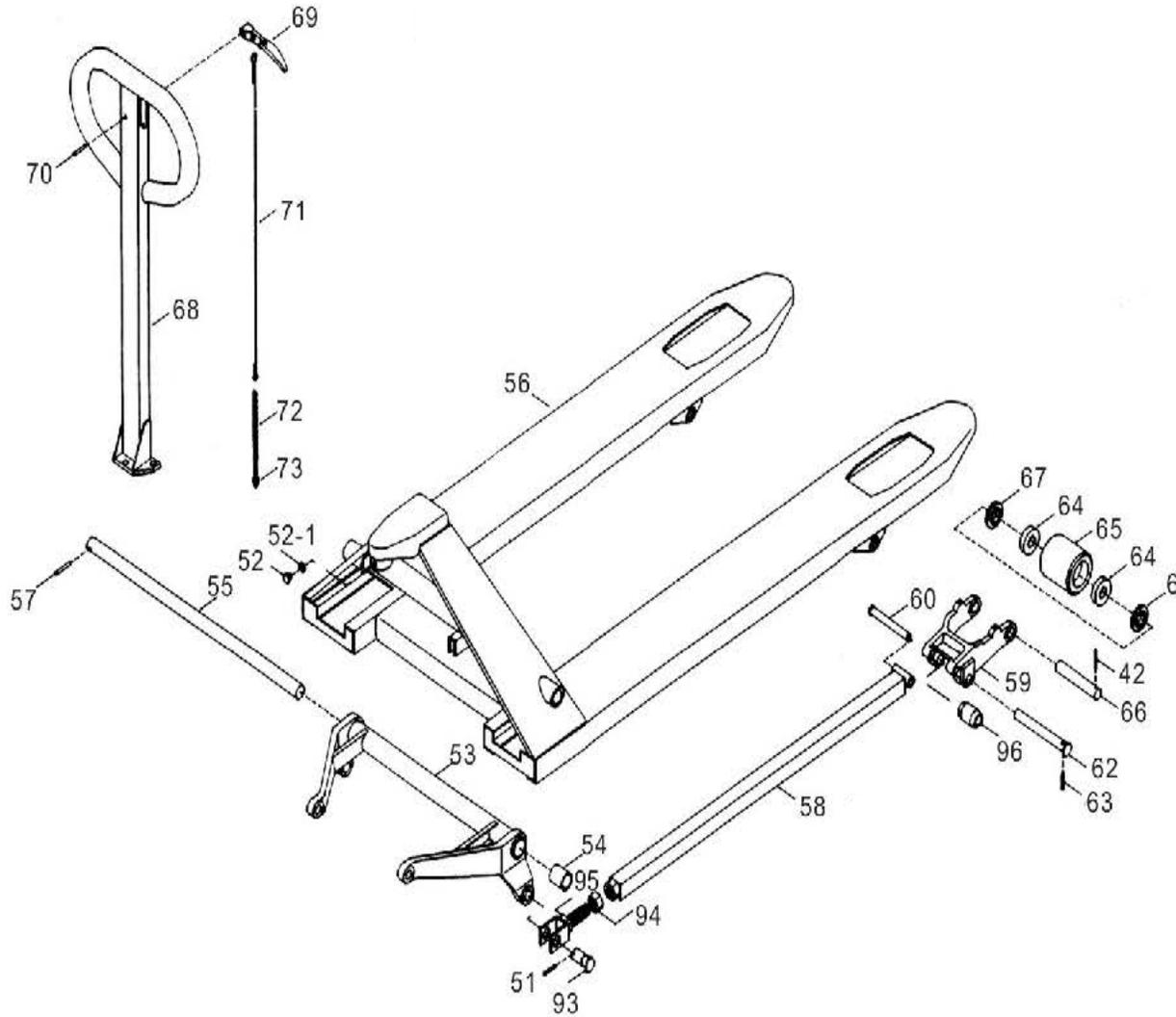
No	Problem	Causes	Solutions
1	Jack feels "spongy" when operating	- Air in the hydraulic system. - Insufficient hydraulic oil.	- Hold lever up, then pull the loop handle down and up for a few strokes. - Remove the oil plug [item 25] and add oil.
2	Forks do not rise when the valve handle is in lifting 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.

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7. FORK FRAME & HANDLE INFORMATION

7.1 FORK FRAME & HANDLE DIAGRAM



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7. FORK FRAME & HANDLE INFORMATION

7.2 FORK FRAME & HANDLE PARTS LIST

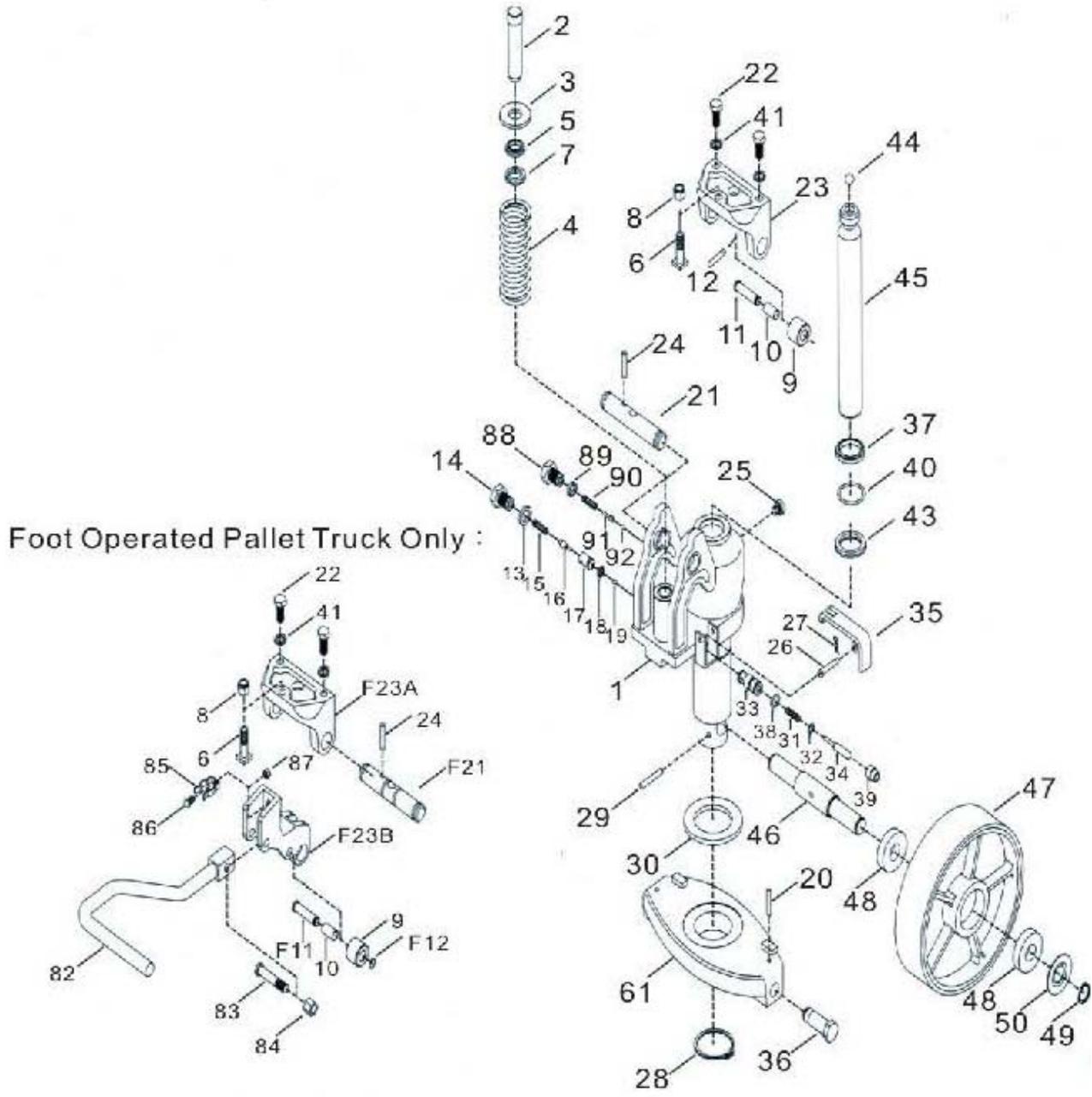
WESCO Replacement Part/Kit Number	No.	Item Description	Qty.
270265	42	Load Wheel Pin	2
270138	51	Spring Pin	
270581	52	Screw	1
270257	53	27" Trunion (Old Style)	
270582		27" Trunion (New Style)	
270258	54	Bushing	
270575	55	27" Pivot Rod	1
270272	57	Spring Pin	1
270278	58	48" Connecting Rod	2
270584		48" Connecting Rod	
270848		48" Adjustable Tie Rod	
270263	59	Load Wheel Yoke	1
270264	60	Pin	1
270144	62	Axle	1
270266	63	Spring Pin	1
270273	64	Ball Bearing	4
270288	65	Load Wheel	2
270145	66	Axle	1
270289	67	Nylon Cover	4
270819	68	Coated Handle	1
Sold only in Kits (270141 and 270155)	69	Release Handle	1
270157	70	Spring Pin	1
Sold only in Kits (270141 and 270155)	71	Release Rod	1
Sold only in Kits (270141 and 270155)	72	Chain	1
270148	73	Nut	1
270833	93	Pin	1
270834	94	Adjust Nut	1
270835	95	Adjust Screw Nut	1
270821	96	Exit Roller	1
270141: Handle Kit	68	Coated Handle	1
	69	Release Handle	1
	70	Spring Pin	1
	71	Release Rod	1
	72	Chain	1
	73	Nut	1
270155: Handle Release Assembly	69	Release Handle	1
	71	Release Rod	1
	72	Chain	1
	73	Nut	1

*Items within kits specify quantity included per kit

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8. HYDRAULIC JACK SYSTEM INFORMATION

8.1 HYDRAULIC JACK SYSTEM DIAGRAM



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8. HYDRAULIC SYSTEM INFORMATION

8.2 HYDRAULIC SYSTEM PARTS LIST

WESCO Replacement Part/Kit Number	No.	Item Description	Qty.
270101	2	Plunger Piston	1
270578	3	Cap Washer	1
270102	4	Spring	1
270103	5	Dust Seal	1
270313	6	Handle Base Bolt	1
Sold Only in Seal Kit	7	Cup Packing	1
270236	8	Nut	1
270105	9	Roller	1
270632	10	Bushing	1
	11	Axle	1
	12	Ball	1
Sold Only in Seal Kit	13	Packing	1
270107	**14	Screw "Old Style"	1
270855		Screw "New Style"	1
Sold Only in Seal Kit	15	Spring	1
270109	16	Valve Cone	1
270110	17	Valve Housing	1
Sold Only in Seal Kit	18	"O" Ring	1
Sold Only in Seal Kit	19	Ball	1
270113	20	Spring Pin	2
270114	21	Axle	1
270115	22	Handle: Screw, Nut & Washer	3
270105	23	Handle Base	1
270116	24	Spring Pin	1
270117	25	Oil Plug	1
270118	26	Axle Pin	1
270119	27	Pin	1
270120	28	Locking Ring	1
270121	29	Spring Pin	1
270122	30	Thrust Bearing	1
Sold Only in Seal Kit	31	Spring	1
Sold Only in Seal Kit	32	"O" Ring	1
270576	33	Relief Cylinder	1
270125	34	Release Piston	1
270126	35	Lowering Arm	1

WESCO Replacement Part/Kit Number	No.	Item Description	Qty.
270127	36	Table Bolt	2
Sold Only in Seal Kit	37	Dust Seal	1
270268	38	"O" Ring	1
270267	39	Rubber Boot	1
Sold Only in Seal Kit	40	"O" Ring	1
270115	41	Washer	12
Sold Only in Seal Kit	43	Cup Packing	1
270132	44	Ball	1
270133	45	Ram Piston	1
270134	46	Whee Shaft	1
270135	47	Steering Wheel	2
270273	48	Ball Bearing	4
270137	49	Locking Ring	2
270314	50	Cap	2
270284	61	Yoke	1
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
	40	"O" Ring	1
	43	Cup Packing	1
		Oil Plug "O" Ring	1
270105: Handle Base Replacement Kit	9	Roller	1
	10	Bushing	1
	11	Axle	1
	12	Ball	1
	22	Screw	1
	23	Handle Base	1

FOOT OPERATED PALLET TRUCK ONLY

272759	1	Hydraulic Pump	1
270248	82	Foot Pedal	1
270824	83	Screw Axle	1
270825	84	Nut	1
272768	85	Spring Clip	1
270826	86	Screw Axle	1
270827	87	Nut	1
270828	88	Screw	1

270829	89	Packing	1
270830	90	Spring	2
270831	91	Cone	1
270832	92	Ball	1
270822	F11	Axle	1
270823	F12	Snap Ring	1
270175	F21	Axle	1
270252	F23A	Handle Base	1
270250	F23B	Foot Pedal Base	1

*Items within kits specify quantity included per kit

**Item 14 "Old Style" for trucks received before 11/14/14 and the "New Style" is for any trucks received after 11/14/14.