



Instruction Manual

Manual Non-Telescoping High Lift Truck

Part Number: 272462 & 272463



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

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

1. GENERAL INFORMATION

1.1 DESCRIPTION

Thank you for purchasing a Wesco Manual Non-Telescoping High Lift Truck. This pallet truck is designed for transporting and horizontal lifting. The manual high lift trucks feature a one year pump warranty, a 180° steering arc and a loop handle with inner hand control.

1.2 SPECIFICATIONS

Model	272462	272463
Capacity	2,200 lbs	2,200 lbs
Weight	275 lbs	300 lbs
Fork Lowered Height	3.3"	3.6"
Fork Raised Height	31.5"	31.5"
Single Fork Width	6.5"	6.5"
Fork Length	44.5"	44.5"
Overall Width	21"	27"
Overall Length	56"	56"
Overall Height	48.5"	48.5"
Telescoping	No	No
Steering & Load Wheels	Polyurethane	Polyurethane

Materials and specifications are subject to change without notice.

2. ASSEMBLY & ADJUSTMENT

- 1) Screw (Item 132)
 - To prevent oil-leaking from oil tank during transportation the air screw (Item 132) is replaced with oil-sealing screw in the factory. Upon reaching its destination and before operation the air screw must be inserted back in place. Screw out the Oil-sealing screw, then screw in the air screw.
- 2) Handle
 - During transportation, the handle is disassembled from the truck and packed separately. It must be properly reassembled before operation of the unit.

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2. ASSEMBLY & ADJUSTMENT

Handle Installation

- Take off screw (Item 33) and pin (Item 32).
- Assemble the handle on the Handle Base with the two items screw (item 33) and Pin (Item 32).
- Press the handle, and take off the hooked plate.

Handle Adjustment

- There are 3 different positions with different functions for the Release Lever (Item 49).

Position I: Lifting forks

Position II: Neutral Position of forks

Position III: Descending forks

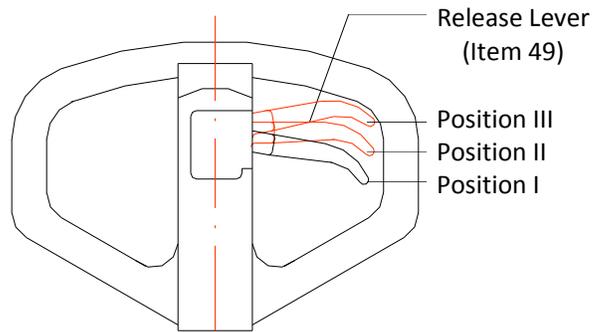


Figure 1

- Test the functions of the unit by setting the Release Lever in each position. If it does not function properly, then make the following adjustment to the Lock Nut (Item 36) depending on the problem occurring:

Problem	Turning Direction of Lock Nut
Forks do not lift up	- (counter-clockwise)
Forks do no lower down	+ (clockwise)

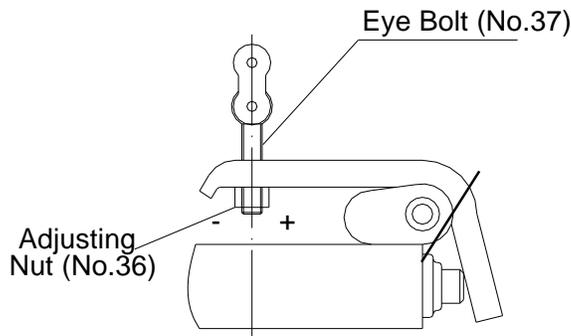


Figure 2

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2. ASSEMBLY & ADJUSTMENT

Releasing Air from the Pump

When pushing the handle down, the fork cannot be lifted immediately. Loosen the Screw (item 130) on the pump while pushing the handle down slowly to expel air from the pump, and then retighten the screw.

When to Add Oil

If the forks cannot be pumped up to its maximum height, the truck may need to have hydraulic oil added into the oil tank. The hydraulic fluid added must have a quality of ISO VG22 or equivalent. The mixing of different fluid is prohibited.

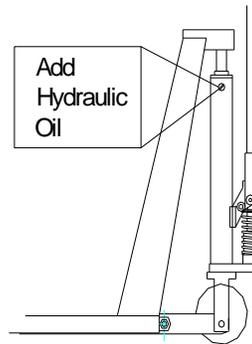


Figure 3

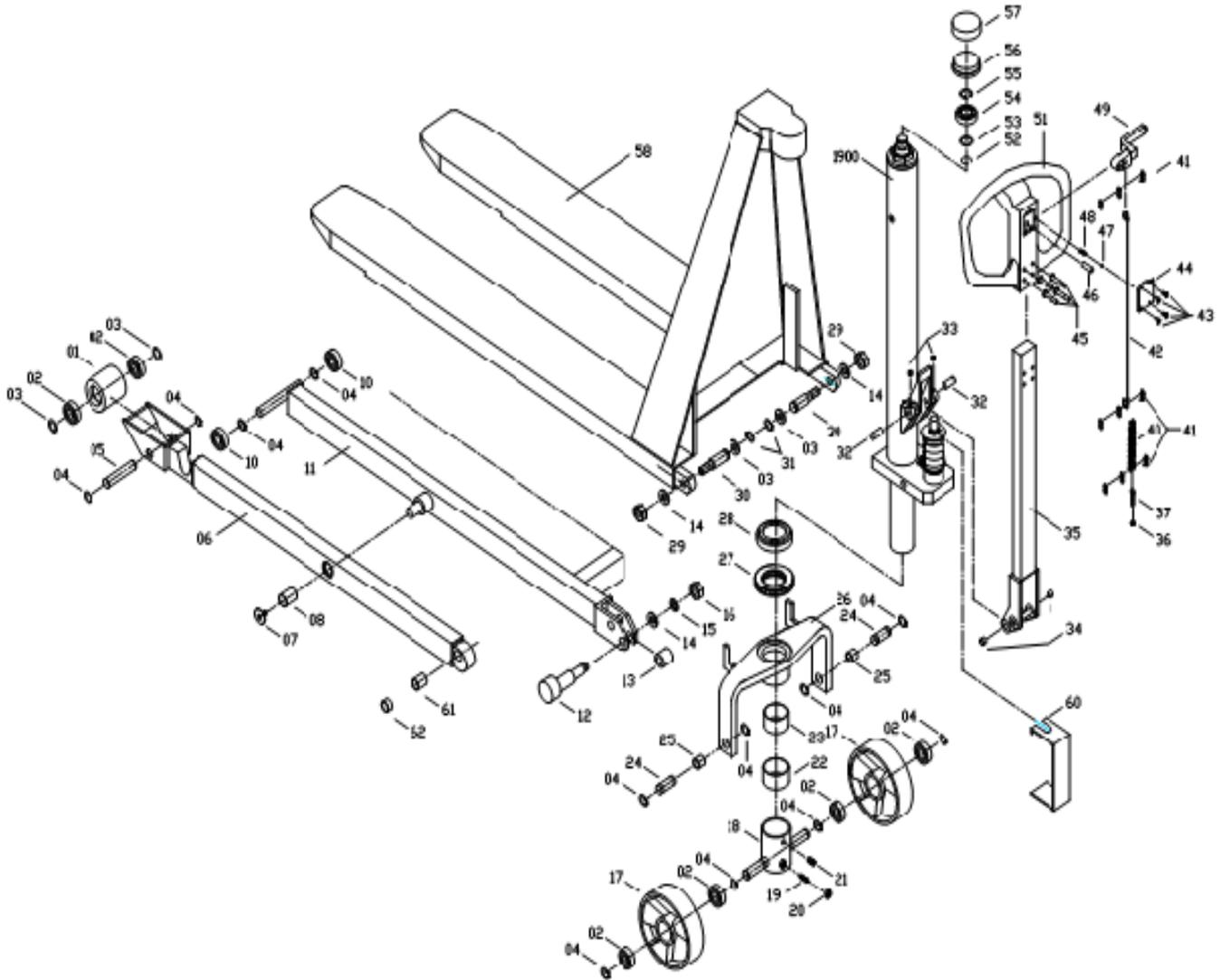
3. TROUBLESHOOTING

No	Problem	Causes	Solutions
1	Forks cannot be pumped up	<ol style="list-style-type: none"> 1. Low oil level in oil tank. 2. Air is in the hydraulic system. 3. Adjusting Nut is not adjusted properly. 	<ol style="list-style-type: none"> 1. Add proper hydraulic oil. 2. Bleed the system. 3. Adjust the Adjusting Nut (as shown in picture 2).
2	Forks cannot be released down	<ol style="list-style-type: none"> 1. Forks blocked. 2. Adjusting Nut is not adjusted properly. 	<ol style="list-style-type: none"> 1. Check and remove the blockage. 2. Adjust the Adjusting Nut (as shown in picture 2).
3	Forks do not lift to highest position	<ol style="list-style-type: none"> 1. Not enough oil. 	<ol style="list-style-type: none"> 1. Fill Oil.

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4. FORK FRAME INFORMATION

4.1 FORK FRAME DIAGRAM



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4. FORK FRAME INFORMATION

4.2 FORK FRAME PARTS LIST

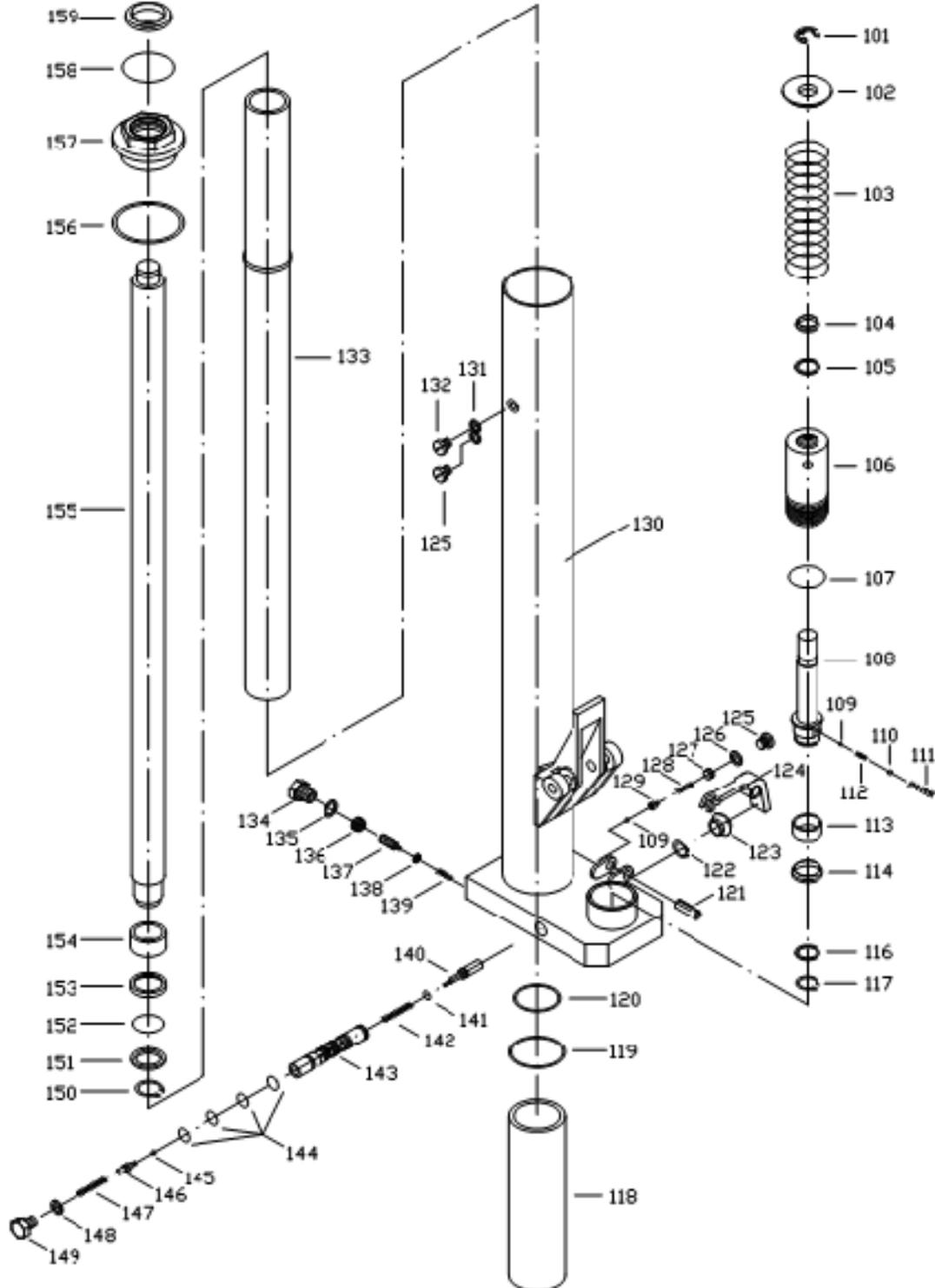
WESCO Replacement P/N	No.	Description	Quantity
272753	01	Front Wheel (For Models Before 12/2009 and After 2014)	2
273728		Front Wheel (For Models Between 2010 and 2014)	2
272638	02	Ball Bearing (For Models Before 12/2009 and After 2014)	8
272489		Ball Bearing (For Models Between 2010 and 2014)	8
	03	Washer	6
	04	Snap Ring	16
	05	Pin	2
	06	Leg	2
	07	Screw	2
	08	Washer	2
	09	Washer	2
	10	Ball Bearing	4
	11	Leg	1
	12	Centrifugal Axle	2
	13	Bush	2
	14	Washer	4
	15	Bush	2
	16	Nut	2
272639	17	Steering Wheel (For Models Between 2010 and 2014)	2
272488		Steering Wheel (For Models Between 2010 and 2014)	2
	18	Wheel Yoke	1
	19	Screw	2
	20	Nut	2
	21	Screw	3
	22	Spacer	1
	23	Bush	1
	24	Pin	2
	25	Bush	2
	26	Hold Yoke	1
	27	Ball Bearing	1
	28	Spacer	1

WESCO Replacement P/N	No.	Description	Quantity
	29	Nut	2
	30	Pin	2
	31	Snap Ring	2
	32	Pin	2
	33	Screw	2
	34	Bush	2
	35	Handle Tube	1
	36	Nut	1
	37	Eye Bolt	1
	38	Chain	1
	39	Chain Connector	3
	40	Release Rod	1
	41	Screw	6
	42	Cover	1
	43	Pin	6
	44	Pin	1
	45	Ball	1
	46	Spring	1
	47	Release Lever	1
272466	48	Handle (For Models Between 2010 and 2014)	1
272480		Handle (For Models Between 2010 and 2014)	1
	49	Retaining Ring	1
	50	Washer	1
	51	Ball Bearing	1
	52	Snap Ring	1
	53	Spacer	1
	54	Spacer	1
	55	Fork	1
	56	Hooked Plate	1
	57	Spacer	2
	58	Spacer	2
	59	Pin	2
	60	Screw	2
	61	Bush	2
	62	Handle Tube	1

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5. PUMP ASSEMBLY INFORMATION

5.1 PUMP ASSEMBLY DIAGRAM



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5. PUMPASSEMBLY INFORMATION

5.2 PUMP ASSEMBLY PARTS LIST

WESCO Replacement P/N	No.	Description	Quantity
	101	Retaining Ring	1
	102	Spring Seat	1
	103	Spring	1
	104	Wiper	1
	105	Y-Ring	1
	106	Pump	1
	107	O-Ring	1
	108	Plunger	1
	109	Ball	2
	110	Ball	1
	111	Spring	1
	112	Spring	1
	113	Bronze Bush	1
	114	Retaining O-Ring	1
	116	Washer	1
	117	Snap Ring	1
	118	Cylinder Bush	1
	119	O-Ring	1
	120	O-Ring	1
	121	Pin	1
	122	Snap Ring	1
	123	Rubber Sleeve	1
	124	Pendulum Arm	1
	125	Screw	2
	126	O-Ring	1
	127	Screw	1
	128	Spring	1
	129	Ball Seat	1
	130	Pump Housing	1

WESCO Replacement P/N	No.	Description	Quantity
	133	Cylinder	1
	134	Screw	1
	135	Seal Ring	1
	136	Screw	1
	137	Screw	1
	138	Plate	1
	139	Spring	1
	140	Release Indicator	1
	141	O-Ring	1
	142	Spring	1
	143	Valve Insert	1
	144	O-Ring	4
	145	Ball	1
	146	Release Valve	1
	147	Spring	1
	148	Seal Ring	1
	149	Screw	1
	150	Snap ring	1
	151	Washer	1
	152	O-Ring	1
	153	Retaining O-Ring	1
	154	Piston	1
	155	Piston Rod	1
	156	Seal Ring	1
	157	Cylinder Nut	1
	158	O-Ring	1
	159	J-Wiper	1
	131	O-Ring	1
	132	Screw	1

COMPLETE PUMP REPLACEMENTS

WESCO Replacement P/N	No.	Description	Quantity
272465		Complete Replacement Pump (For Models Before 12/2009)	1
272477		Complete Replacement Pump (For Models From Between 2010 and 2014)	1
272637		Complete Replacement Pump (For Models After Units)	1