

Ergonomic Solutions

OWNER'S MANUAL

HEFTI-LIFT • MODEL HYD-5 & HYD-10

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SAFETY PRECAUTIONS

Read owner's manual completely before operating unit!

- Never exceed the maximum loading capacity of 880 pounds.
- Never load the unit unless you are watching it.
- Stand clear of load while loading and unloading.
- Load must be evenly distributed on deck to insure stability.
- Use caution in moving a loaded unit; avoid obstructions and floor defects.
- Always apply wheel brakes when unit is not in motion.
- Never go under deck if there is weight on unit.
- Do not continue to pump on the foot lever if the deck is not raising.
- Remove weight before working on unit.
- Do not use brake fluid or jack oils. Use AW-32 hydraulic oil or equivalent.
- Use only maintenance parts supplied or approved by the manufacturer.
- Consult factory before performing any modification to the original equipment.
- Make sure all operator safety labels are in place (p.5).

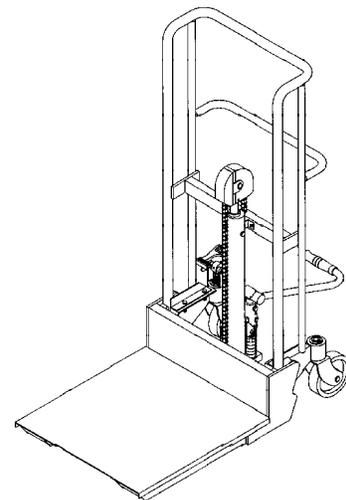
RECEIVING INSTRUCTIONS

Every unit is thoroughly tested and inspected prior to shipment. However, it is possible that the unit may incur damage during transit. If damage is noticed when unloading, make a note of it on the **BILL OF LADING**. Remove all packing and strapping material, then inspect the unit again for damage. **IF DAMAGE IS EVIDENT, FILE A CLAIM WITH THE CARRIER IMMEDIATELY!**

WARRANTY

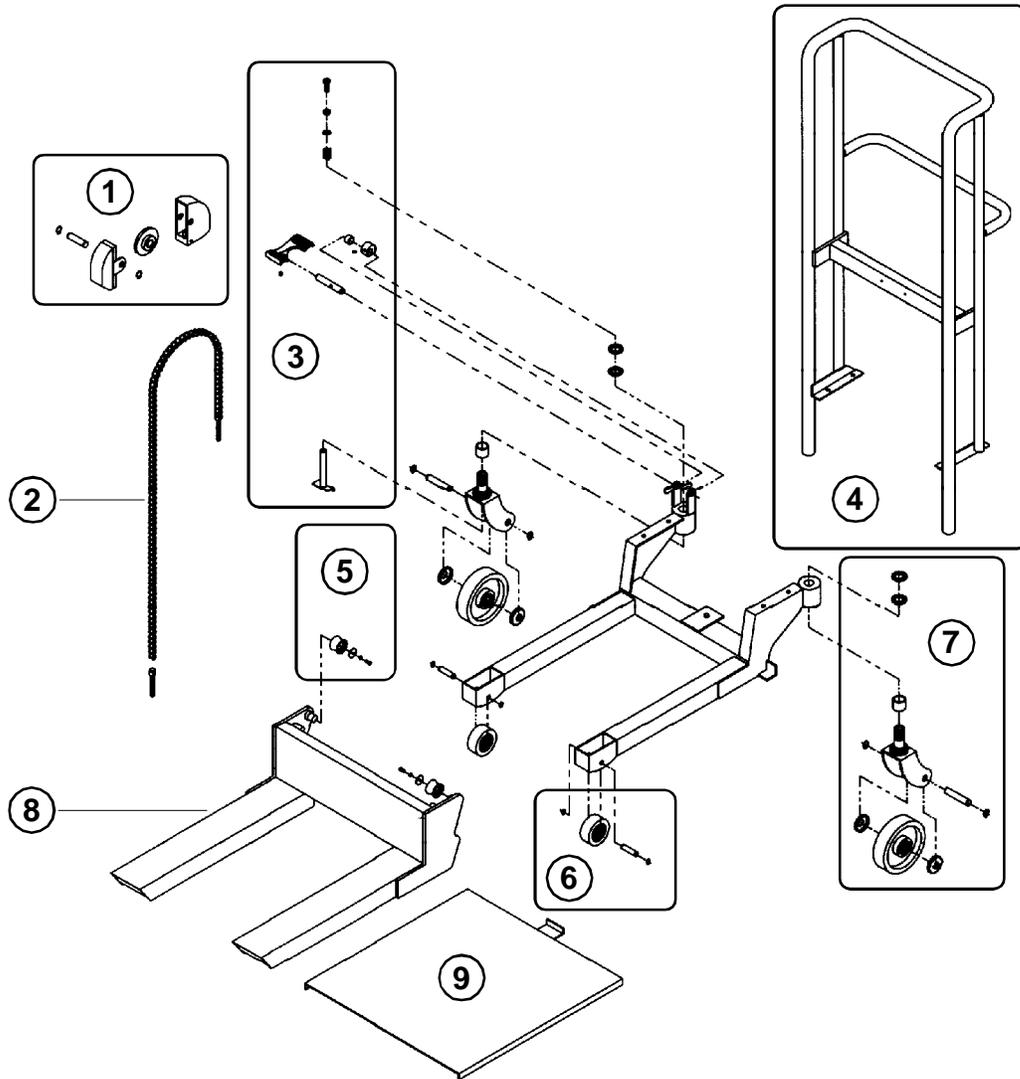
This product is warranted for 90 DAYS from date of purchase to be free of manufacturing defects in material and workmanship. The manufacturer's obligation hereunder is limited to repairing such products during the warranty period, provided the product is sent prepaid back to the factory.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use or application contrary to installation instructions, or disassembly, repair or alteration by any person prior to authorization from a factory representative.



**HEFTI-LIFT
MODEL HYD 5 & HYD-10**

HEFTI-LIFT

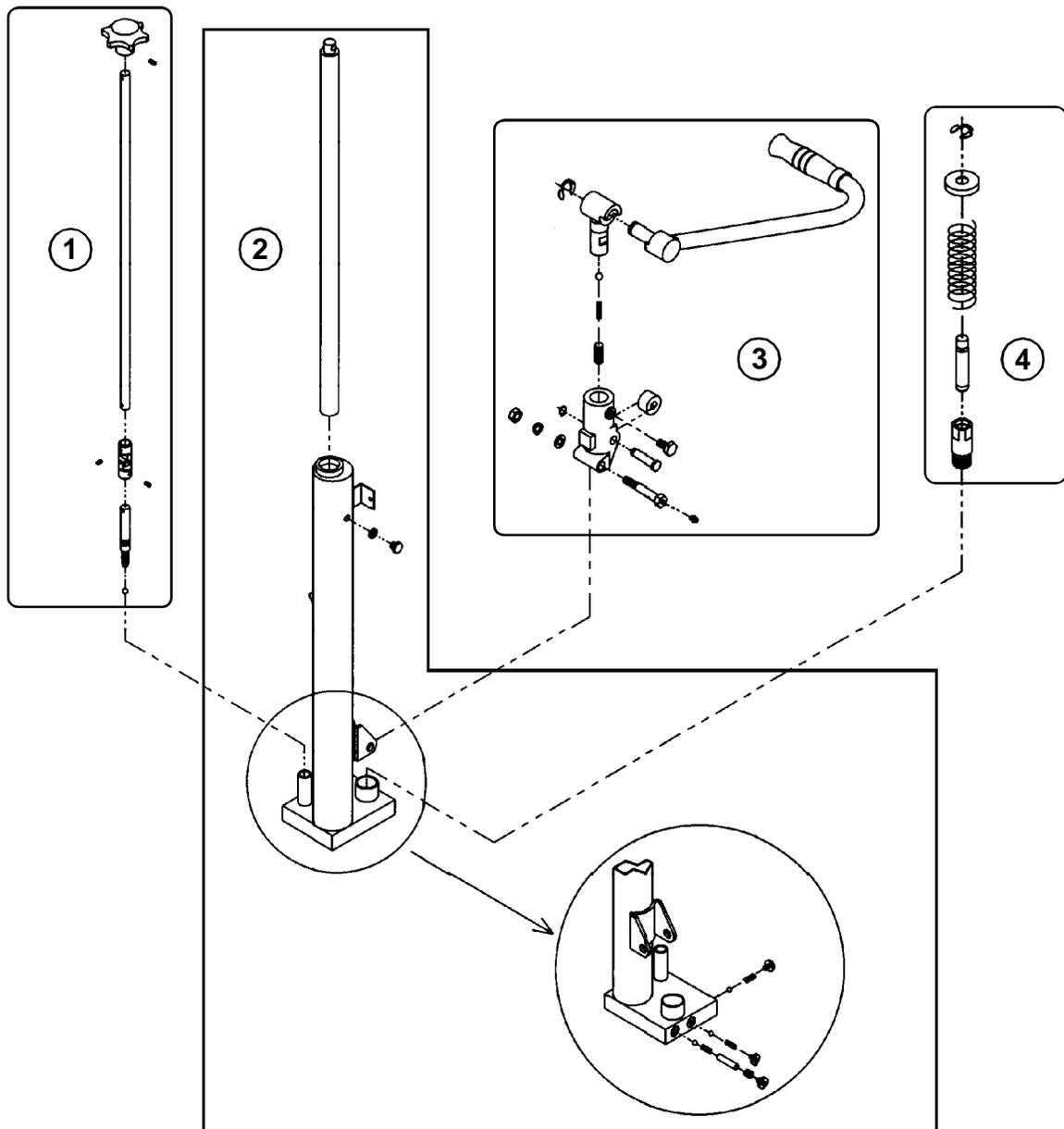


PARTS IDENTIFICATION HEFTI-LIFT MODEL HYD-5 & HYD-10

ITEM NO.	DESCRIPTION	HYD-5 ENGINEER NO.	HYD-5 PART NO.	HYD-10 ENGINEER NO.	HYD-10 PART NO.	QTY.
1	Chain Cover	33-154-004	HYD5-CHCO	33-154-016	HYD10-CHCO	1
2	Chain Assembly	33-154-005	HYD5-CHASSE	33-154-017	HYD10-CHASSE	1
3	Brake Assembly	33-154-006	HYD5-BRASSE	33-154-006	HYD10-BRASSE	1
4	Mast	33-154-032	HYD5-MA	33-514-018	HYD10-MA	1
5	Guide Wheel and Axle	33-154-007	HYD5-GWHAX	33-154-007	HYD10-GWHAX	4
6	Front Wheel and Axle	33-154-008	HYD5-FWHAX	33-154-008	HYD10-FWHAX	2
7	Rear Wheel and Axle	33-154-009	HYD5-RWHAX	33-154-009	HYD10-RWHAX	2
8	Forks Assembly	33-528-001	HYD5-FR	33-528-001	HYD10-FR	1
9	Top Deck	33-013-001	HYD5-TODK	33-013-001	HYD10-TODK	1

a/k Available only with purchase of kit

FOOT PUMP (HEFTI-LIFT)



PARTS IDENTIFICATION FOOT PUMP (HEFTI-LIFT)

KIT NO.	ITEM NO.	DESCRIPTION	HYD-5	HYD-5	HYD-10	HYD-10	QTY.
			ENGINEER NO.	PART NO.	ENGINEER NO.	PART NO.	
1	1	Release Knob Assembly	33-154-010	HYD5-FP01	33-154-010	HYD10-FP01	1
2	2	Pump Assembly	33-154-011	HYD5-FP02	33-154-018	HYD10-FP02	1
3	3	Foot Pedal Assembly	33-154-012	HYD5-FP03	33-154-012	HYD10-FP03	1
4	4	Plunger Assembly	33-154-013	HYD5-FP04	33-154-013	HYD10-FP04	1
A	A	Pump Seal Kit	33-144-401	HYD5-KITA	33-144-401	HYD10-KITA	1
B	B	Complete Assembly	33-154-014	HYD5-KITB	33-154-014	HYD10-KITB	1

a/k Available only with purchase of kit

Troubleshooting Quick Reference Guide

(For further information please contact the factory)

WARNING! BEFORE PERFORMING ANY MAINTENANCE WORK ALWAYS ENSURE THAT THE DECK/FORKS ARE IN LOWER POSITION

Observation	Possible Cause	Remedy
1.) Deck/forks do not raise.	<ul style="list-style-type: none"> a. Excessive load. b. Oil is low. c. Relief valve set too low. d. Released pin is not rotating to closed position. e. Breather cap is not allowing air into cylinder. 	<ul style="list-style-type: none"> a. Remove part of the load. b. Fill oil as necessary. c. Increase only as necessary. d. Check linkage for proper rotation. e. Be sure cap has air hole. Clean cap out with compressed air.
2.) Foot pedal goes down but deck/forks do not raise.	<ul style="list-style-type: none"> a. Particle of dirt under the pressure relief valve. b. Particle of dirt under inlet check valve. 	<ul style="list-style-type: none"> a. Lower deck/forks - Remove and clean steel ball and seat. (Refer figure 1) b. Lower deck/forks - Remove and clean inlet ball and seat. (Refer figure 1)
3.) Unit will pump under no load or when rapidly stroked, or pedal will stroke without pumping.	<ul style="list-style-type: none"> a. Pump is air locked. b. Inlet check valve has foreign material on seat. c. Relief valve setting is out of adjustment. d. Foreign material on pressure relief valve seat. e. Release pin has foreign material on the seat or is stuck in the open position. 	<ul style="list-style-type: none"> a. Bleed air from system inlet. b. Same as 2(b). c. Adjust relief valve setting higher. d. Same as 2(a). e. Lower deck/forks - Remove and clean steel ball and seat. (Refer figure 1)
4.) Deck/forks raise when the pump is stroked but lower on return stroke.	<ul style="list-style-type: none"> a. Outlet check valve is leaking. 	<ul style="list-style-type: none"> a.1. Lower deck/forks - Remove and clean steel ball and seat. (Refer figure 1) a.2. Pump vigorously to remove debris.
5.) Deck/forks raise but is too slow.	<ul style="list-style-type: none"> a. Foreign material stuck under pressure relief valve or under inlet check valve. 	<ul style="list-style-type: none"> a. Same as 2(a) / 2(b).
6.) Spongy or jerky operation.	<ul style="list-style-type: none"> a. Check for foreign material stuck in the deck or frame rails. b. Oil is low. 	<ul style="list-style-type: none"> a. Correct as necessary. b. Same as 1(b).
7.) Deck/forks raise but do not lower.	<ul style="list-style-type: none"> a. Foreign object blocking roller travel. b. Release pin is not rotating to open position. 	<ul style="list-style-type: none"> a. Correct as necessary. b. Same as 1(d).

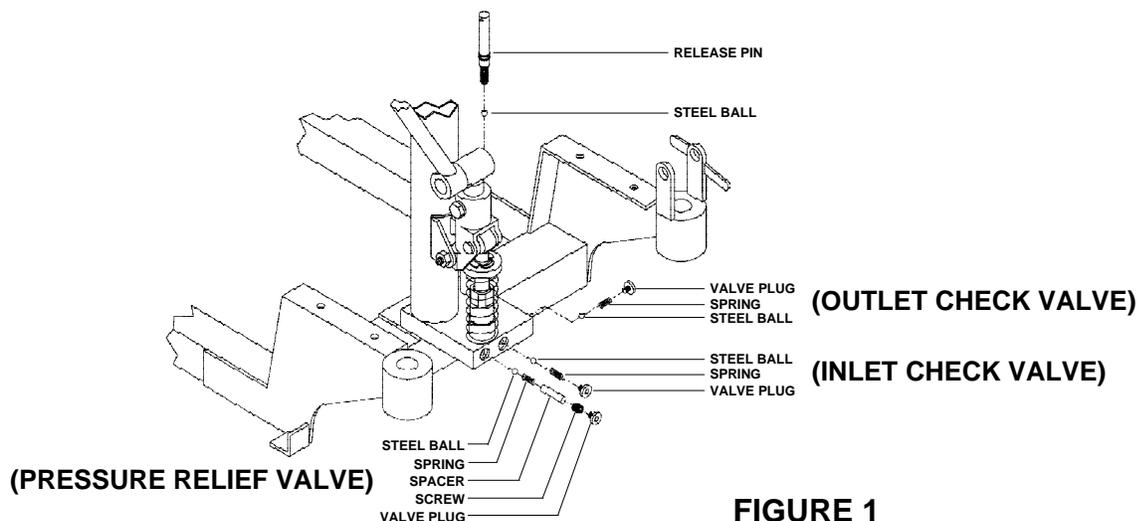
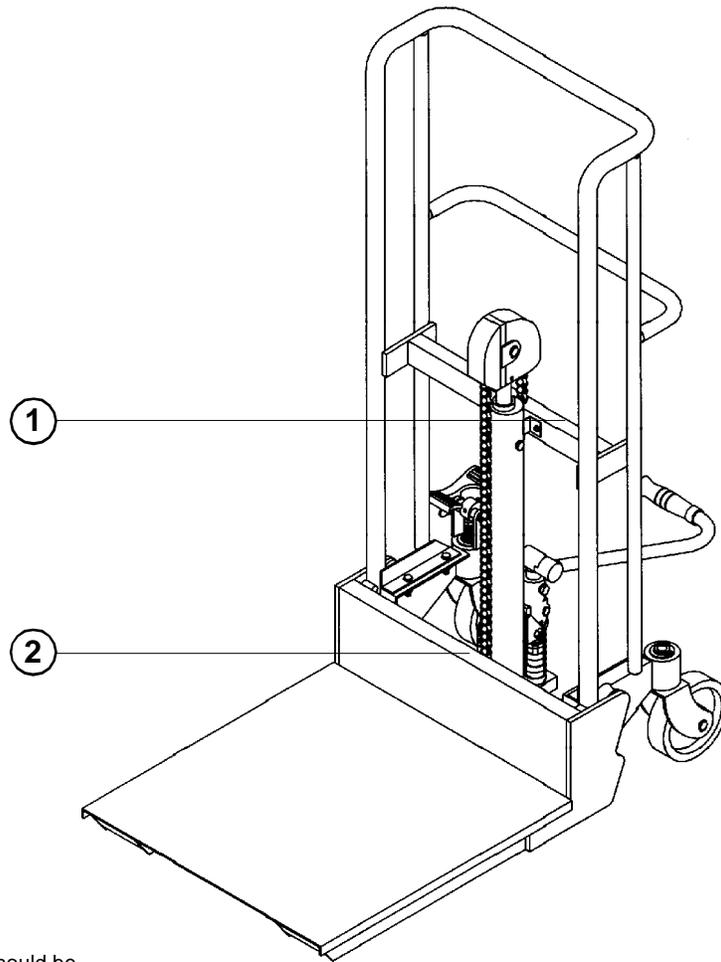


FIGURE 1

WARNING LABEL IDENTIFICATION

MAKE SURE ALL WARNING LABELS ARE IN PLACE!



* Product safety signs or labels should be periodically inspected and cleaned by the product users as necessary to maintain good legibility for safe viewing distance. ANSI 535.4 (10.21)
Contact manufacturer for replacement labels.

①

CAPA400Kgs (880lbs)

②

⚠ CAUTION	⚠ PRECAUCIÓN	⚠ ATTENTION
PLATFORM MUST BE LOWERED BEFORE MOVING LIFT	LA PLATAFORMA DEBE DE ESTAR EN LA POSICIÓN BAJA ANTES DE MOVER EL ELEVADOR	LA PLATE-FORME DOIT ÊTRE ABAISSÉE AVANT D'ACTIVER LE MONTE-CHARGE
210		