

# INSTRUCTION MANUAL REPAIR PARTS LIST

**HAND JACK****30 Ton (27216 Kg) Capacity****PART CODE H68035**

## **⚠ WARNING**

1. THIS IS A LIFTING DEVICE ONLY. THE LOAD MUST BE SUPPORTED IMMEDIATELY BY OTHER APPROPRIATE MEANS.
2. DO NOT EXCEED RATED CAPACITY.
3. USE ONLY ON HARD LEVEL SURFACE CAPABLE OF SUSTAINING LOAD.
4. CENTER LOAD ON SADDLE.
5. IT IS YOUR RESPONSIBILITY TO KEEP WARNING DECALS LEGIBLE AND INTACT. REPLACEMENT DECALS MAY BE OBTAINED FROM THE FACTORY.
6. STUDY, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS PROVIDED WITH THIS JACK PRIOR TO OPERATION.
7. FAILURE TO HEED THESE WARNINGS MAY RESULT IN LOSS OF LOAD, DAMAGE TO JACK, OR FAILURE RESULTING IN PROPERTY DAMAGE, PERSONAL, OR FATAL INJURY.

### **OWNER'S RESPONSIBILITY**

**Operation.** The owner and/or operator shall have an understanding of these operating instructions and warnings before operating the jack. Warning information shall be emphasized and understood. If the user is not fluent in English, the instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

**Maintenance.** The jack shall be maintained in accordance with instructions listed under "Maintenance."

#### **Inspection**

1. Visual inspection shall be made before each use of the jack, checking for leaking hydraulic fluid, and damaged, loose or missing parts.
2. Each jack shall be inspected by an authorized Hein-Werner service center immediately, if subjected to an abnormal load or shock.
3. Owners and/or users should be aware that repair of this equipment may require specialized knowledge

and facilities. It is recommended that an annual inspection of the jack be made by an authorized Hein-Werner service center and that any defective parts, decals or warning labels be replaced with genuine Hein-Werner parts. A list of authorized service centers is available from Hein-Werner.

**Damaged Jacks.** Any jack which appears to be damaged in any way, is found to be badly worn, or operates abnormally SHALL BE REMOVED FROM SERVICE until necessary repairs are made by an authorized Hein-Werner service center.

### **INSTRUCTIONS BEFORE USE**

1. Check oil level. With the jack in an upright position and the ram completely retracted, open release valve by turning release assembly counterclockwise. Remove filler plug - the oil should be just up to the hole. Fill if necessary with clean Hein-Werner hydraulic jack oil. Never use motor oil or brake fluid.
2. Lubricate internal components. With release valve open, pump handle six full strokes to assure proper internal lubrication.
3. Bleed hydraulic system. During transit hydraulic jacks may become "air-bound," causing spongy ram action. To bleed the hydraulic system — close the release valve by turning clockwise. Insert handle in socket and pump jack up to full height. Open the release valve, invert the jack and force the ram to retract.

### **OPERATING INSTRUCTIONS**

1. **Lifting.** Turn release assembly clockwise to close release valve. Position jack where desired, being sure that load is centered. Insert handle in socket and pump handle until load is desired height.

## **⚠ WARNING**

**USE JACK FOR LIFTING ONLY. LOAD  
MUST BE SUPPORTED IMMEDIATELY  
BY OTHER APPROPRIATE MEANS.**

2. **Lowering.** Open release valve by slowly turning release assembly counterclockwise.

## MAINTENANCE

1. When jack is not in use, keep the ram completely retracted and the release valve closed.
2. Keep the jack clean. Occasionally lubricate the handle socket pivot point, and release screw thread.
3. Frequently check oil level. For procedure see "Instructions Before Use."

## PARTS LIST

No.	Description	Part Number	No.	Description	Part Number
1	Saddle	†	23	Spring Cap	Not Serviced
2	Retaining Ring	†	24	Ball (1/8")	*
3	O-Ring	*	25	Screw	Not Serviced
4	Top Nut	H3137200	26	Spring Cap	Not Serviced
5	O-Ring	*	27	Ball (3/16") (2)	*
6	Filler Plug	*	28	Filter	*
7	Reservoir	Not Serviced	29	Hydraulic Cartridge	*
8	Ram Plunger Asm.	H3137300	30	Washer	*
9	Ram Spacer	†	31	Packing	*
10	Back-Up Washer	*	32	Washer	*
11	U-Cup	*	33	Pump Cylinder	H3137500
12	Ram Cylinder	Not Serviced	34	U-Cup (Piston)	*
13	Back-Up Washer	*	35	O-Ring	*
14	O-Ring	*	36	Back-Up Washer	*
15	Packing	*	37	Pump Piston	H3137600
16	Base	Not Serviced	38	Pin (3)	††
17	Release Screw Packing	*	39	Handle Socket Assy.	H3137700
18	Release Screw	H3137400	40	Retaining Ring (3)	††
19	Valve Cap	*	41	Handle	H3137800
20	Overload Valve Screw	Not Serviced	42	Repair Kit	H3137900
21	Overload Valve O-Ring	*		Product Decal	H3137100
22	Overload Valve Spring	Not Serviced		Warning Decal	H3128000

\* Included with repair kit, item #42

† Included with ram assembly, item #8

†† Included with handle socket assembly, item #39

