

HEIN-WERNER AUTOMOTIVE

INSTRUCTION MANUAL / REPAIR PARTS LIST

V1.22A UTILITY JACK 1-1/2 TON (1361 Kg) CAPACITY
V1.23A BUMPER JACK 1-1/2 TON (1361 Kg) CAPACITY

PART CODE H07877
PART CODE H60001

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 THE 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.

H3128000

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 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 service center and that any defective parts, decals or warning labels be replaced with genuine factory parts. A list of authorized service centers is available from the factory.

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 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 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. Repeat as required.

OPERATING INSTRUCTIONS

1. **Lifting.** Turn release assembly clockwise to close release valve. Position jack where desired and adjust extension screw if necessary, being sure that load is centered. Insert handle in socket and pump handle until load is desired height.
2. **Lowering.** Open release valve by slowly turning release assembly counterclockwise.

MAINTENANCE

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

H3238400

PARTS LIST

ITEM NO.	DESCRIPTION	PART NUMBERS		QTY. REQUIRED
		MODEL V1.22A 07877	MODEL 1.23A 6001	
2	Filler Screw & Washer	* H2562000	* H2562000	1
3	Quad Ring	* H2062500	* H2062500	1
4	Top Nut	H6021200	H6021200	1
5	Reservoir Tube	H6021300	H6021300	1
6A	Ram Assembly	H0775000	H0775000	1
6	Ram	H0106500	H0106500	1
	Backing Washer (not shown)	H0344000	H0344000	1
7	Spacer	H0169000	H0169000	1
8	cup	* H0252500	* H0252500	1
9	Retainer	H0197000	H0197000	1
10	Nut	H2627000	H2627000	1
11	Cylinder	H0094500	H0094500	1
12	Base w/ Pump Valves	H6040200	H6040200	1
13	Pin Ring	H1241500	H1241500	1
14	Pin Ring	* H1241500	* H1241500	2
15	Handle Socket	H6243400	H6243400	1
16	Handle Assembly	H0346500	H0346500	1
18	Pin	* H6028700	* H6028700	1
19	Packing Nut	H6059900	H6059900	1
20	Piston Assembly	* H8110800	* H8110800	1
21	Nylon Wlper	H6062100	H6062100	1
21A	Washer	H6242900	H6242900	1
22	Pin Ring	H1241500	H1241500	1
23	Back Up Washer	H0594500	H0594500	1
24	U Cup	H0391000	H0391000	1
25	Pin	H1086000	H1086000	1
26	Release Screw Assembly	H6679100	H6679100	1
27	Packing	* H0452000	* H0452000	1
28	Release Screw	H6679000	H6679000	1
29	Nut	H0129000	H0129000	1
30	Pump Valves	* H8012700	* H8012700	1
31	Seal	H1152000	H1152000	1
32	Plug	H1185500	H1185500	1
33	Chain & Hook Assembly	H6000000	-----	1
34	Pin Ring	H1241500	-----	1
35	Washer	H2524200	-----	1
36	Pin	H6411000	-----	1
37	Hook	H6364200	-----	1
38	Ram Head	H0740500	-----	1
39	Product Decal (Not Shown)	H3231000	H3231100	1
40	Warning Decal (Not Shown)	H3128000	H3128000	1
41	Repair Kit (Not Shown)	H8073500	H8073500	1

* INDICATES ITEMS INCLUDED IN REPAIR KIT

