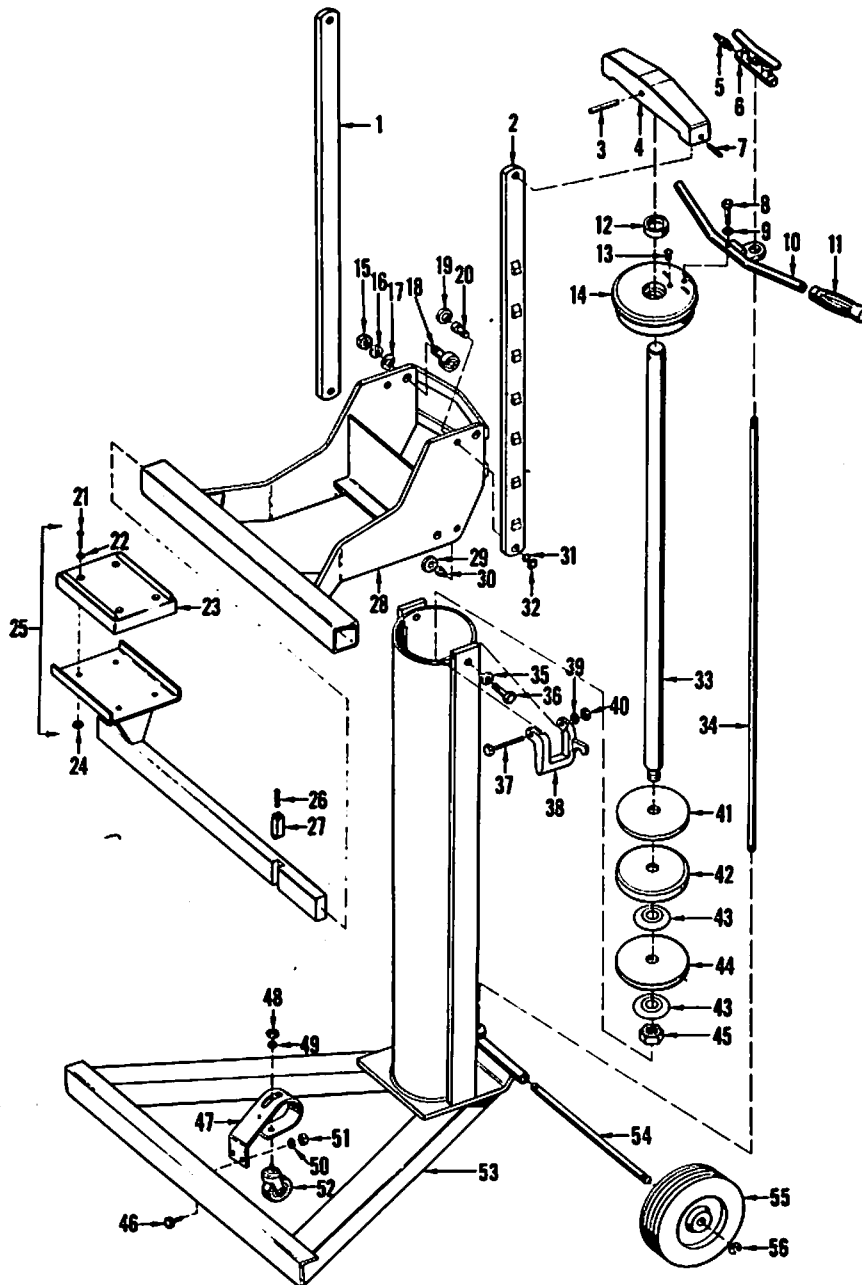


Hein-Werner

MODEL AL-36 1½ TON AIR JACK REPAIR PARTS LIST



REV. 7-1-68

USE NEW PART NUMBER ONLY WHEN ORDERING PARTS

Order parts from the nearest Hein-Werner Official Service Station. Always state both model and serial number.

USE ONLY GENUINE HEIN-WERNER HYDRAULIC JACK OIL IN ANY HEIN-WERNER JACK

HEIN-WERNER CORPORATION

PRINTED IN U.S.A.

WAUKESHA, WISCONSIN — AJAX, ONTARIO

AL-36

ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION
1	AL-124	16150	R.H. Link	31	389A	12345	Snap Ring
2	AL-101	16040	L.H. Link	32	C9929-014	80011	Tinnerman Caps
3	59-077-375-2500	27205	3/8x2 1/2 Roll Pin	33	AL120	16135	Rod
4	AL-100	16035	Crosstie	34	AL121-1	16140	Pipe
5	8891	26975	Dill Connector	35		25390	1/2 Lockwasher
6	AL144	16627	Air Valve	36		25340	1/2x1 3/4x1 1/2 Lg. Hex Hd. Cap Screw (2)
7	59-077-375-1000	27210	3/8x1 Roll Pin (2)			26450	3/8-18x3 Lg. Hex Hd. Cap Screw
8		26225	3/8-16x1 1/2 Lg. Hex Cap Screw	37			
9	1220-00	2095	3/8 Shakeproof Washer				
10	10A116	380	Handle Assembly	38	AL103	16045	Safety Catch
11	5528R	13830	Grip (2)	39	1218-00	1915	3/8 Shakeproof Washer
12		9185	Seal-C/R #206FF116	40		26510	3/8-18 Hex Jam Nut
13		81037	3/8-16 x 1/2 Lg. Slotted Rd. Hd. Mach. Screw	41	AL139	16215	Piston
14	AL-11005	16075	Top Nut	42	AL140	16220	Cup
15		27075	1/2-20 Hex Nut (4)	43	AL137	16205	Washer (2)
16		25390	1/2 Lockwasher (4)	44	AL138	16210	Lubricating Washer
17		24160	1/2" Plain Washers (4)	45		26110	3/8-16 Hex Jam Nut
18	CF1746	16465	McGill Bearing (4)	46		26575	3/8-24x3/8 Lg. Hex Hd. Cap Screw (2)
19	AL-141	80009	Washer	47	55456	14120	Spring
20	AL-106	16060	Pin (2)	48		26510	3/8-18 Hex Jam Nut
21		27285	10-24x1 1/8 Lg. Rd. Hd. Mach. Screw (8)	49	1218-00	1915	3/8 Shakeproof Washer
22		24160	#10 SAE Washer (8)	50	1218-00	1915	3/8 Shakeproof Washer
23	AL-114	16090	Pad (2)	51		26545	3/8-24 Hex Jam Nut (2)
24	C430-1024-27	16510	Speed Nuts (8)	52	55215	13715	Caster
25	10A114	375	Saddle Assy. (2) w/AL114 Screws, nuts & washers	53	10A111	360	Frame Assembly
26	5532A	13865	Spring	54	1B792	8845	Axle
27	55170-1	13465	Extension Arm Stop (2)	55		24260	Rubber Wheels 2x8 (2)
28	10A113	370	Carriage Assembly	56	Y119A	24490	Clip (2)
29	AL-141	80009	Washer	57		55157	Decal (Not Shown)
30	AL135	16190	Pins (2)	58		55155	Nameplate—Pressure Sensitive (Not Shown)

FOR AIR VALVE (Not Shown)

OLD PART NO.	NEW PART NO.	DESCRIPTION	QUAN	OLD PART NO.	NEW PART NO.	DESCRIPTION	QUANTITY
V432	16227	Valve & Nipple Complete	1	V427	80022	Seal	2
V420	80016	Lever	1	V428	80023	Seal Cup	2
V421	80017	Exhaust Stem	1	V430	80024	Spring	2
V422	80018	Inlet Stem	1	V431	80025	Plug	2
V423	80019	Air Chuck Inflator	1	V433	80026	Lever Rivet	1
V425	80020	Valve Body	1	V434	80027	Inlet Stem Assembly	1
V426	80021	Stem "O" Ring	2	V435	80028	Exhaust Stem Assembly	1

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OPERATION INSTRUCTIONS - AL-36 AIR BUMPER JACK

In order to obtain the most use and longest life from your Hein-Werner Air Bumper Jack, we suggest that you follow these easy operating and maintenance instructions.

1. The two-way Hein-Werner Air Bumper Jack valve is mounted so that the air chuck tire hose connection is in the center of the valve and the quick coupler on the right side.
2. Roll Hein-Werner Air Bumper Jack into lifting position and adjust to fit as close to bumper brackets as possible. Be sure all wheels on car are free to roll.
3. Attach air hose to appropriate connection on valve (air chuck tire valve or quick coupler), and depress valve handle for side to which the air hose is connected, allowing just enough air into the cylinder to raise lift cradle to bumper. When contact is made with bumper, depress valve handle fully, letting in enough air to lift car to desired height. It is not necessary to keep air hose attached after the Hein-Werner Air Bumper jack is up. It may be removed for service elsewhere.
4. To Lower: If safety lock is engaged, open valve allowing air into the cylinder to raise lift so that the safety lock may be disengaged.
5. One half pint of SAE30 Oil is injected into the lower cylinder at the factory which is sufficient to keep the cylinder and cup well lubricated. To check for proper oil level, raise saddle to full height and continue to build up air pressure to approximately 50 pounds. Tip jack back 45° and slowly release air. If oil is ejected with the exhaust air, the oil level is sufficient. The Hein-Werner Air Bumper Jack should not use much oil, however, if more is needed, a few squirts into the access hole in the top cover should solve the problem.
6. CONDENSATION. Depending upon the source of compressed air and the local climate, water may accumulate in the oil sump. This would be evident by continued indication of high oil level (see 5). To purge jack of water, tip jack back until the cylinder is horizontal. Slowly release air until water is expelled. Add oil as required through OIL hole provided in top cover.
7. The front and back of side rails should be clear of paint. A thin layer of grease should be applied to front and back of rails and also in center of outer face which acts as a track for guide washers.
8. It is not necessary to lubricate the roller bearings as they are sealed bearings lubricated for the life of the jack.