



# Owner's Manual

**Capacity Model**

**2 1/4 ton 7300**

## HANDLE ASSEMBLY INSTRUCTIONS

1. Remove bolt (62) and insert top section into bottom section.
2. Align bolt holes and insert bolt through handle, install nut (61) and tighten.
3. Holding quick release handle pin (31A) pulled insert handle into pump beam.
4. Handle must rotate freely for proper release valve operation.
5. Pull pin (31A) to remove handle.

## SAFETY RULES

1. Use jack on solid flat surface only. Jack wheels must be permitted to roll during operation.
2. Set parking brake and block wheels of vehicle before raising.
3. Use factory recommended vehicle lifting points only.
4. Center lifting point on jack saddle to prevent slipping.
5. Do not drive off raised jack, damage to both vehicle and jack could occur.
6. JACKS ARE DESIGNED STRICTLY FOR LIFTING. WHEN WORKING UNDER A RAISED VEHICLE ALWAYS USE GARAGE STANDS TO SUPPORT VEHICLE.

## OPERATING INSTRUCTIONS

### To Raise

1. Position jack correctly under vehicle to be raised.
2. Close release valve by turning handle clockwise (right) until snug. DO NOT OVERTIGHTEN.
3. Pump handle until saddle reaches jacking point.
4. Check to be sure jacking point is centered on saddle between slip lugs.
5. Pump handle until desired height is reached.

### To Lower

1. Slowly turn handle counter-clockwise (left) to open release valve.
2. Lowering speed is controlled by the amount the release valve is opened.

### Maintenance

1. Store jack in full lowered position in a dry, clean location.
2. Lubricate frequently all axles, external screws and bearing surfaces.
3. Inspect lift and pump piston frequently for rust or corrosion. Clean as needed and wipe with oily cloth.

### Service

1. Poor lifting performance may be caused by air in the hydraulic system from shipment and handling.  
To correct this situation all air must be purged using the following procedure:  
Open release valve fully by turning handle counter-clockwise (left).  
Use full stroke pump handle several times to remove all air.



ATD TOOLS INC

224 TURNER BOULEVARD - P. O. BOX 565 - St. PETER'S, MO 63376 USA

Catalog 354311-0

# Spare Parts List

REF	PART NAME	QT	PART N	REF	PART NAME	QT	PART N
01	O'Ring	01	SP 73000	33	Axle	01	SP 73034
02	Head Nut	01	SP 73001	34	Axle	02	SP 73555
03	O'Ring	01	SP 73002	35	Washer	04	SP 73497
04	Lift Piston	01	SP 73003	36	Nut	04	SP 73556
04C	Lift Piston Compl (4 and 5)	01	SP 73004	37	Axle	01	SP 73038
05	Cup	01	SP 73005	38	Track Ring	02	SP 73039
06	Cylinder	01	SP 73006	39	Bolt	02	SP 73040
07	Oil Reservoir	01	SP 73007	40	Washer	02	SP 73041
08	Rubber Plug	01	SP 73008	41	Nut	02	SP 73042
09	O'Ring	01	SP 73009	42	Washer	02	SP 73043
10	O'Ring	01	SP 73010	43	Caster	02	SP 73044
11	Washer	01	SP 73011	44	Axle	01	SP 73045
12	Oil Filter	01	SP 73012	45	Nut	02	SP 73557
13	Overload Valve	01	SP 73013	46	Washer	02	SP 73047
14	Ball	03	SP 73014	47	Spacer	02	SP 73048
15	Pump Housing	01	SP 73015	48	Wheel	02	SP 73049
16	Packing	01	SP 73016	49	Axle	01	SP 73050
17	Release Screw	01	SP 73017	50	Frame (pair)	01	SP 73051
18	Track Ring	06	SP 73018	51	Track Ring	06	SP 73554
19	Axle	01	SP 73019	52	Axle	01	SP 73052
20	Pump Piston	01	SP 73020	53	Carrier	01	SP 73396
20C	Pump Piston Compl (20 thru 23)	01	SP 73021	54	Saddle	01	SP 73394
21	Dust Seal	01	SP 73022	55	Axle	01	SP 73055
22	O'Ring	01	SP 73023	56	Link	02	SP 73056
23	Cup	01	SP 73024	57	Lift Arm	01	SP 73057
24	Pump Cylinder	01	SP 73025	57C	Lift Arm Compl (51,52,53,55,56,57)	01	SP 73506
24C	Pump Compl (20C,24)	01	SP 73202	58	Tension Pin	01	SP 73059
25	O'Ring	01	SP 73026	59	Spring	02	SP 73060
26	Washer	01	SP 73027	60	Cover	01	SP 73061
27	Oil Filter	01	SP 73028	61	Nut	01	SP 73062
28	Axle	02	SP 73019	62	Bolt	01	SP 73063
29	Track Ring	01	SP 73029	63	Handle Compl (61 thru 63)	01	SP 73064
30	Pump Beam	01	SP 73510		Repair Kit (1,3,5,8,9,10,16,21,22,23,25)		SP 73065
30C	Pump Beam Compl (29 thru 31A)	01	SP 73553		Hydraulic Unit (1thru17,20thru27)		SP 73066
31	Spring	01	SP 73509		Hydraulic Unit Compl (1 thru 33)		SP 73067
31A	Pin	01	SP 73508				
32	Spring (pair)	01	SP 73033				

