

Hein-Werner Automotive
DIVISION OF HEIN-WERNER CORPORATION

Winner
series.

INSTRUCTION MANUAL / REPAIR PARTS LIST

HYDRAULIC SERVICE JACK

4 TON (3628 Kg) CAPACITY

PART NO. H3225700

WARNING

1. READ, STUDY AND UNDERSTAND ALL WARNING LABELS AND OPERATING INSTRUCTIONS FURNISHED WITH THIS EQUIPMENT PRIOR TO USE. IF YOU DO NOT UNDERSTAND THIS WARNING, CONTACT YOUR REPRESENTATIVE FOR CLARIFICATION.
2. NEVER ALLOW UNSKILLED OR IMPROPERLY TRAINED PERSONNEL TO OPERATE THIS EQUIPMENT.
3. THIS IS A LIFTING DEVICE ONLY. THE LOAD MUST BE SUPPORTED IMMEDIATELY BY OTHER APPROPRIATE MEANS, WHILE LIFTING, POSITION APPROPRIATE CAPACITY VEHICLE STANDS OR BLOCKING AND EXTEND THEM IN STAGES TO MAINTAIN A MINIMUM DISTANCE BETWEEN LOAD AND STANDS DURING LIFTING. DO NOT MOVE OR DOLLY THE VEHICLE WHILE ON THE JACK.
4. LIFT ONLY ON AREAS OF THE VEHICLE SPECIFIED BY THE MANUFACTURER. IT IS YOUR RESPONSIBILITY TO CHECK WITH THE MANUFACTURER TO BE CERTAIN THE POINT OF LOADING IS CAPABLE OF SUSTAINING THE LIFTING FORCES.
5. DO NOT OVERLOAD. OVERLOADING CAN CAUSE DAMAGE TO OR FAILURE OF THE JACK.
6. THIS JACK IS DESIGNED FOR USE ONLY ON HARD LEVEL SURFACES CAPABLE OF SUSTAINING THE LOAD. USE ON OTHER THAN HARD LEVEL SURFACES CAN RESULT IN JACK INSTABILITY AND POSSIBLE LOSS OF LOAD.
7. CENTER LOAD ON SADDLE PRIOR TO LIFTING VEHICLE. OFF CENTER LOADS MAY CAUSE DAMAGE TO THE JACK AND/OR LOSS OF LOAD.
8. DO NOT OPEN OIL FILLER PLUG FOR ANY REASON UNLESS THE JACK IS UNLOADED AND FULLY LOWERED.
9. IT IS YOUR RESPONSIBILITY TO KEEP ALL WARNING LABELS AND INSTRUCTIONAL LITERATURE LEGIBLE AND INTACT. REPLACEMENT LABELS AND LITERATURE ARE AVAILABLE FROM THE FACTORY.
10. FAILURE TO HEED THESE WARNINGS WILL RESULT IN EQUIPMENT AND/OR PROPERTY DAMAGE AND/OR PERSONAL OR FATAL INJURY.

H3100100

OWNER'S RESPONSIBILITY

Operation. The owner and/or operator shall have an understanding of these operating instructions and warnings before operating this 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. This 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 replacement equipment may require specialized tools, lead-in or facilities. It is recommended that a thorough 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. Open release valve by turning knob on top of handle counterclockwise. Pump handle six full strokes to assure proper internal lubrication, and to bleed any air from the hydraulic system. If handle is locked, lift lever on side of handle to release.
2. Squirt a small amount of hydraulic jack oil or light-weight motor oil on the pump pistons. Pump handle several times to distribute oil.
3. Thoroughly lubricate all moving parts on the jack. Raise the saddle to full height by closing release valve and pumping handle. Oil the surface of the ram as well as all moving parts in the handle and lifting mechanism. Grease all grease fittings.

OPERATING INSTRUCTIONS

1. Lifting - Secure vehicle by blocking wheels. Close release valve by turning knob on top of handle clockwise. Dolly jack until lift saddle is centered under load and pump handle. **NOTE:** Handle can be locked in three positions for dollying. To unlock handle for pumping: lift lever up and rotate 90° clockwise. Pump foot pedal to rapidly position saddle under load. Pump handle to lift load.

WARNING

**USE JACK FOR LIFTING ONLY.
ALWAYS SUPPORT VEHICLE IMMEDIATELY
BY OTHER APPROPRIATE MEANS.**

Always center the load on the saddle of jack. Off-center loads and loads lifted while jack is on level may damage the jack or cause personal injury.

2. Lowering - Slowly turn release knob counterclockwise. Avoid "shock loads" created by quickly opening and closing the release knob as the load is being lowered. This may result in overloading of the hydraulic circuit and possible damage to the pump.

H3225700

MAINTENANCE

1. Regularly check oil level. Use only hydraulic jack oil in the unit of your jack. Never use alcohol or hydraulic brake fluid.
To check oil level: Jack must be at rest, saddle fully down. Remove filler plug and inspect oil level. Level should be just over filler cylinder. Add or drain oil as required to maintain proper oil level. Replace filler plug.

2. Keep the jack clean and well lubricated. Raise the saddle to full height and oil the surface of the ram often, as well as all moving parts in the handle, the pump platform and the lifting mechanism. Frequently add grease to bearings.

28330 PARTS LIST

| ITEM NO. | PART CODE | DESCRIPTION | QTY. REQUIRED |
|----------|-----------|----------------------|---------------|
| 1 | H3244200 | BASE | 1 |
| 2 | H3244300 | O - RING | 1 |
| 3 | H3244400 | GUARD SCREW | 1 |
| 4 | H6941700 | FILTER | 1 |
| 5 | H3244500 | O - RING | 1 |
| 6 | H3244600 | BACK - UP RING | 1 |
| 7 | H3244700 | CYLINDER | 1 |
| 8 | H3244800 | U - CUP | 1 |
| 9 | H3244900 | BACK UP RING | 1 |
| 10 | H3245000 | RAM SPACER | 1 |
| 11 | H3245100 | RAM PLUNGER | 1 |
| 12 | H3245200 | SCREW | 1 |
| 13 | H3245300 | O - RING | 2 |
| 14 | H6953000 | FILLER PLUG | 1 |
| 15 | H3245400 | RESERVOIR | 1 |
| 16 | H3245500 | TOP NUT | 1 |
| 17 | H3245600 | O - RING | 1 |
| 18 | H3245700 | SCREW | 1 |
| 19 | H3245800 | SPRING CAP | 1 |
| 20 | H3245900 | BALL 3/16" | 1 |
| 21 | H3246000 | OIL SEAL | 1 |
| 22 | H3246100 | SCREW RELIEF VALVE | 1 |
| 23 | H3246200 | SPRING | 1 |
| 24 | H3246300 | SPRING CAP | 1 |
| 25 | H6941400 | BALL 1/4" | 2 |
| 26 | H3246400 | BALL 3/8" | 1 |
| 27 | H3246500 | WASHER | 1 |
| 28 | H3246600 | SCREW | 1 |
| 29 | H6888000 | UNIVERSAL JOINT | 1 |
| 30 | H6887900 | SCREW | 1 |
| 31 | H3246700 | RELEASE VALVE | 1 |
| 32 | H3246800 | O - RING | 1 |
| 33 | H3246900 | WASHER | 1 |
| 34 | H3247000 | GUIDE | 1 |
| 35 | H3247100 | WASHER | 1 |
| 36 | H3247200 | O - RING | 1 |
| 37 | H6957400 | O - RING | 1 |
| 38 | H6889000 | WASHER | 1 |
| 39 | H3247300 | NUT | 1 |
| 40 | H3247400 | PUMP CYLINDER | 1 |
| 41 | H6889500 | U - CUP | 1 |
| 42 | H6889400 | BACK UP RING | 1 |
| 43 | H6889300 | O - RING | 1 |
| 44 | H6889200 | BACK UP RING | 1 |
| 45 | H3247500 | PUMP PISTON | 1 |
| 46 | H6888500 | COTTER PIN | 2 |
| 47 | H6888600 | PISTON LINK PIN | 2 |
| 48 | H3247600 | PISTON LINK ASSEMBLY | 1 |
| 49 | H6888400 | HEX BOLT | 1 |
| 50 | H6888100 | HANDLE FORK | 1 |

| ITEM NO. | PART CODE | DESCRIPTION | QTY. REQUIRED |
|----------|-----------|-------------------------|---------------|
| 51 | H6888200 | LOCK WASHER | 1 |
| 52 | H6888300 | NUT | 1 |
| 53 | H6889900 | PEDAL ASSEMBLY | 1 |
| 54 | H6818800 | COTTER PIN | 1 |
| 55 | H6890200 | LOCKING PIN | 1 |
| 56 | H6890400 | COTTER PIN | 1 |
| 57 | H6890300 | WASHER | 2 |
| 58 | H6890500 | SPRING | 1 |
| 59 | H6890100 | POSITIONING LEVER | 1 |
| 60 | H6890000 | GRIP | 1 |
| 61 | H6890700 | HANDLE ASSEMBLY | 1 |
| 62 | H6891100 | WASHER | 1 |
| 63 | H6890600 | SCREW | 1 |
| 64 | H6890800 | RELEASE ROD | 1 |
| 65 | H6890900 | SPRING PIN | 1 |
| 66 | H6891000 | RELEASE KNOB | 1 |
| 67 | H3247700 | HANDLE FORK AXLE | 1 |
| 68 | H6886900 | WASHER | 2 |
| 69 | H6820500 | E - RING | 2 |
| 70 | H3247800 | AXLE | 1 |
| 71 | H6886500 | E - RING | 2 |
| 72 | H6866200 | REAR CASTER ASSEMBLY | 2 |
| 73 | H3248100 | LOCK WASHER | 2 |
| 74 | H3248200 | NUT | 2 |
| 75 | H3247900 | PARALLEL LINK | 2 |
| 76 | H3248000 | LINK STUD | 2 |
| 77 | H6820500 | E - RING | 2 |
| 78 | H6819300 | LOCK WASHER | 2 |
| 79 | H6819400 | NUT | 2 |
| 80 | H3248300 | COTTER PIN | 2 |
| 81 | H3248400 | WASHER | 2 |
| 82 | H3248500 | FRONT WHEEL | 2 |
| 83 | H3248600 | FRAME | 1 |
| 84 | H6887600 | SADDLE | 1 |
| 85 | H6891500 | SCREW | 4 |
| 86 | H3248700 | SPRING | 1 |
| 87 | H6821500 | GREASE FITTING | 1 |
| 88 | H3248800 | COVER | 1 |
| 89 | H3248900 | SPRING | 2 |
| 90 | H6891300 | SPRING | 1 |
| 91 | H6886300 | BOTTOM BEARING RACE | 2 |
| 92 | H6886400 | BEARING SET (19) | 2 |
| 93 | H6886500 | TOP BEARING RACE | 2 |
| 94 | H3226500 | PRODUCT DECAL | 1 |
| 95 | H3100180 | WARNING DECAL (ENGLISH) | 1 |
| | H3111800 | WARNING DECAL (FRENCH) | 1 |

* INCLUDED IN REPAIR KIT # H3244100.
REPLACEMENT HYDRAULIC UNIT # H3244000

ORDER PARTS FROM NORTHWEST SALES GROUP, INC.
1-800-562-7018

