



PRODUCT INFORMATION

5 TON HYDRAULIC
POWER UNIT
MODEL 56100-C YARDARM
PARTS SHEET

OPERATING INSTRUCTIONS

Proper Use

1. When lifting on load rest be sure that load is centered and that lift is perpendicular. Lifting on an angle places excessive side strain on ram. CAPACITY IS 10,000 POUNDS
2. Do no push the load off the jack.
3. Always use axle stands when making under-vehicle repairs.

A To Operate

1. Open release valve and pump handle several times. This will eliminate any airbound condition that may have occurred during shipment.
2. Engage the slotted end of the handle with the head of the release screw.
3. Close release valve by turning to right.
4. Insert handle in handle socket and operate the pump.

B If Jack Will Not Operate

1. Release valve may be open— Turn to right to close.
2. No oil in reservoir — with jack in closed position, place in upright position and add Hydraulic Jack Oil through filler plug until oil is level with filler hole. DO NOT USE ALCOHOL, GLYCERINE, BRAKE FLUID, THICK OR DIRTY OIL.
3. Intake and pressure valves may be held open by foreign matter —Use operating instructions A-1
4. Jack will not operate on side — Jack may have been placed on wrong side. The side to which the handle socket is attached must be down.
5. Too much oil in the reservoir —Too much oil is liable to cause a vacuum bound jack. The oil should be brought to the level of the filler plug.

C If Jack Will Raise To Load But Will Not Lift It

1. Release screw may be closed tight enough to raise ram, but not closed tight enough to lift load.
2. Ram may be at extended height— Shim jack up.
3. Ram cup may have become injured or porous, allowing oil to pass it.

4. Air under ram —When there is a quantity of air under the ram, the ram will raise until it hits the load, then it will stay there until there has been sufficient number of pump strokes to compress this air to the proper pressure to lift the load. If this happens, turn jack upside down with ram extended, open release screw and close jack completely. This will cause air to return to oil reservoir.
5. Sticky valves — Empty all oil from reservoir and refill with gasoline or naphtha. Flush as recommended in operating instruction A-1 . Then fill with new Hydraulic Jack Oil.

D If Jack Will Not Hold Load

1. Release valve may not be tight enough.
2. Ram cup may have become injured, allowing oil to pass it.
3. Ball valves may not be seated properly—Flush off as prescribed in operating instruction A-1. The construction of this jack makes the ball valves readily accessible for cleaning. Remove release screw. Remove valves by tipping the jack forward and catching these parts in the hand or a container, place jack on back side with label up to avoid loss of oil. After washing ball valves in kerosene, assemble in reverse order. Replace ball if flat spots or pitted surfaces are found.

E Maintenance

1. Refill only with recommended Jack Oil. Never use a substitute.
2. Use every precaution to prevent entrance of dirt when refilling jack
3. Store in upright position in a dry place
4. When stored, the ram should be lowered completely. The pump piston should be in the lowest position and the release valve should be closed.
5. Repair Kit # 5-1102.

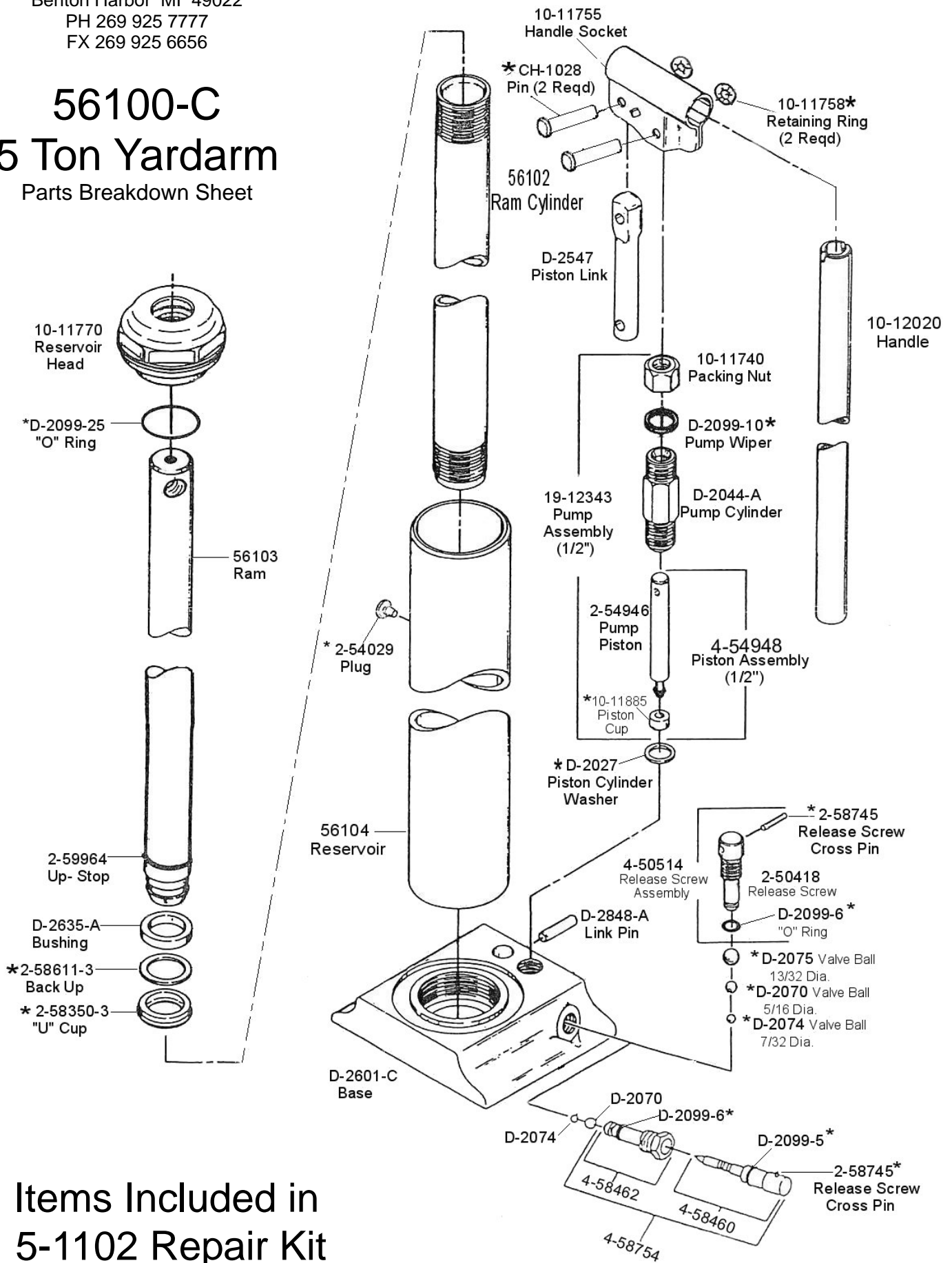
F Lubrication

1. Oil all moving parts periodically
2. Grease should be used on all exposed parts if jacks are constantly used under wet conditions.

100% AMERICAN MADE

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56100-C 5 Ton Yardarm Parts Breakdown Sheet



* Items Included in
 5-1102 Repair Kit