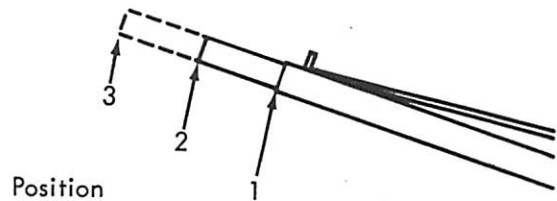


MODEL D-8700
CAPACITY 1/2 TON
DATE NOVEMBER 1966

BOOM CAPACITY CHART

Position	Capacity 1/2 Ton Model
1	1000 lbs.
2	600 lbs.
3	300 lbs.



SERVICE INSTRUCTIONS FOR PROPER MAINTENANCE

PROPER USE

1. Use crane on level surface wherever possible.
2. Do not overload crane. Lifting capacities at various boom positions indicated on Boom Capacity Chart, above.
3. Release the load slowly by loosening release knob.

OPERATING INSTRUCTIONS

A. TO OPERATE

1. Open release valve (large screw with pin running through it that protrudes from base of pump assembly) by turning screw to left. Pump handle several times. This will eliminate any airbound condition that may occur during shipment.
2. Close release valve by turning to right (clockwise).

B. IF CRANE PUMP ASSEMBLY WILL NOT OPERATE

1. Release valve may be open -- turn to right to close.
2. Check oil level in reservoir. If level is low refill until oil is level with filler hole. (Use only Hydraulic Jack Oil).
3. Intake and pressure valves may be held open by foreign matter. Correct per Paragraph A-1.
4. Too much oil in reservoir may cause a vacuum bound crane. Oil should be at level of filler plug.

C. IF CRANE WILL NOT LIFT LOAD

1. Release valve may not be closed tight enough. Check by turning to right (clockwise direction).

2. Ram cup may have become injured or porous, allowing oil to pass it. Check and replace if required.
3. Sticky valves. Empty all oil from reservoir, refill with gasoline or naphtha, then flush as outlined in Paragraph A-1 of Operating Instructions. Refill with new Hydraulic Jack Oil.

D. IF CRANE WILL NOT HOLD LOAD

1. Release valve may not be tight enough. Turn valve to right to tighten (clockwise direction).
2. Ram cup may have become injured, allowing oil to pass it. Check and replace if required.
3. Steel ball valves may not be seated properly. Correct as outlined in Paragraph A-1 of Operating Instructions.

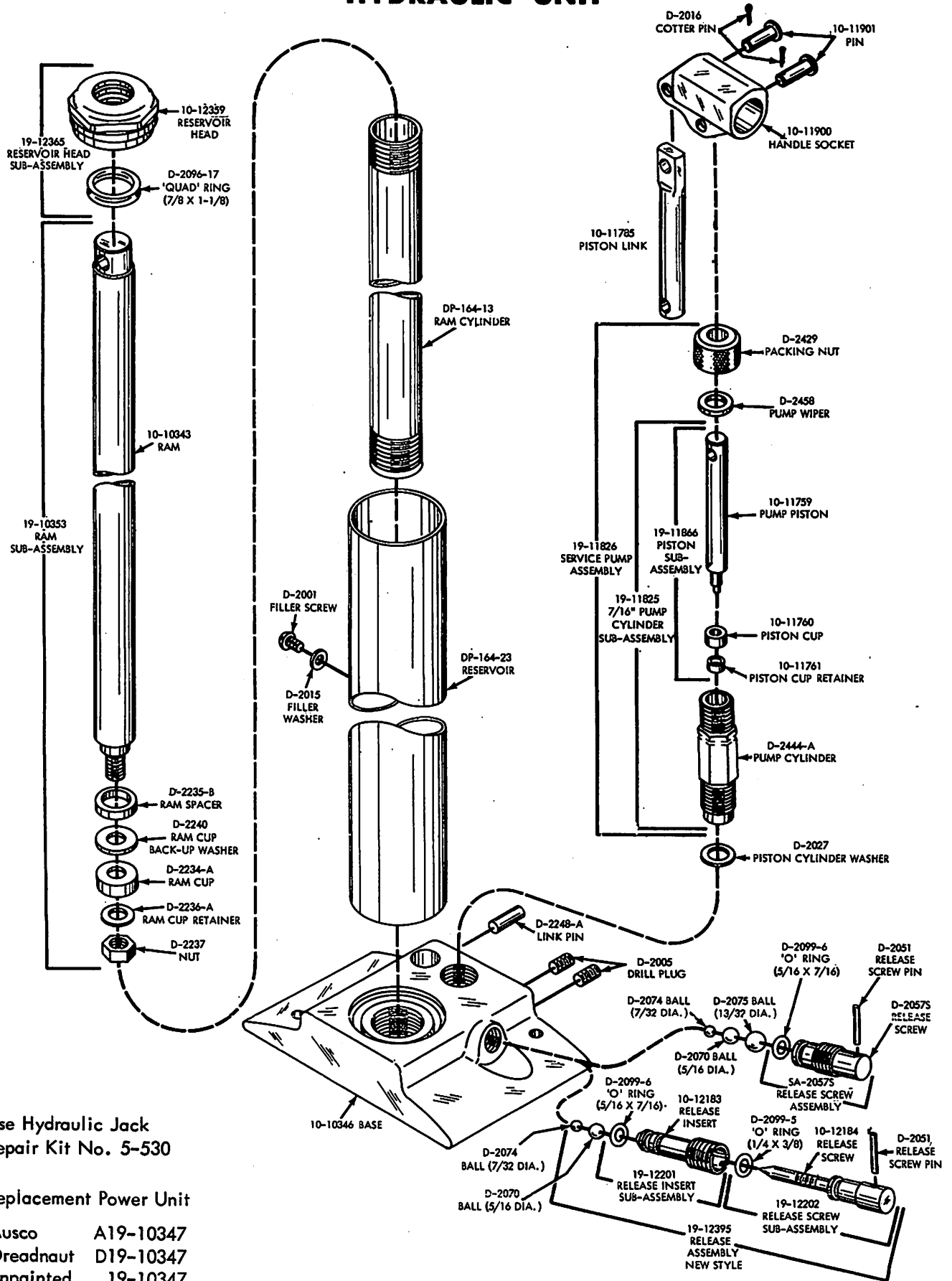
MAINTENANCE INSTRUCTIONS

1. IMPORTANT -- Refill the crane pump power unit with Hydraulic Jack Oil only. Never use substitutes, such as hydraulic brake fluid or other harmful fluids which cause damage to cups and packings and will also void warranty.
2. Oil should be added to the LEVEL OF THE FILLER PLUG in the pump reservoir cylinder, when the pump ram is completely retracted (with boom assembly lowered as far as possible).

LUBRICATION INSTRUCTIONS

1. For added service life and ease of operation, lubricate wheels and hinge points frequently.
2. Grease should be used on exposed parts if cranes are constantly used under wet conditions.

HYDRAULIC UNIT

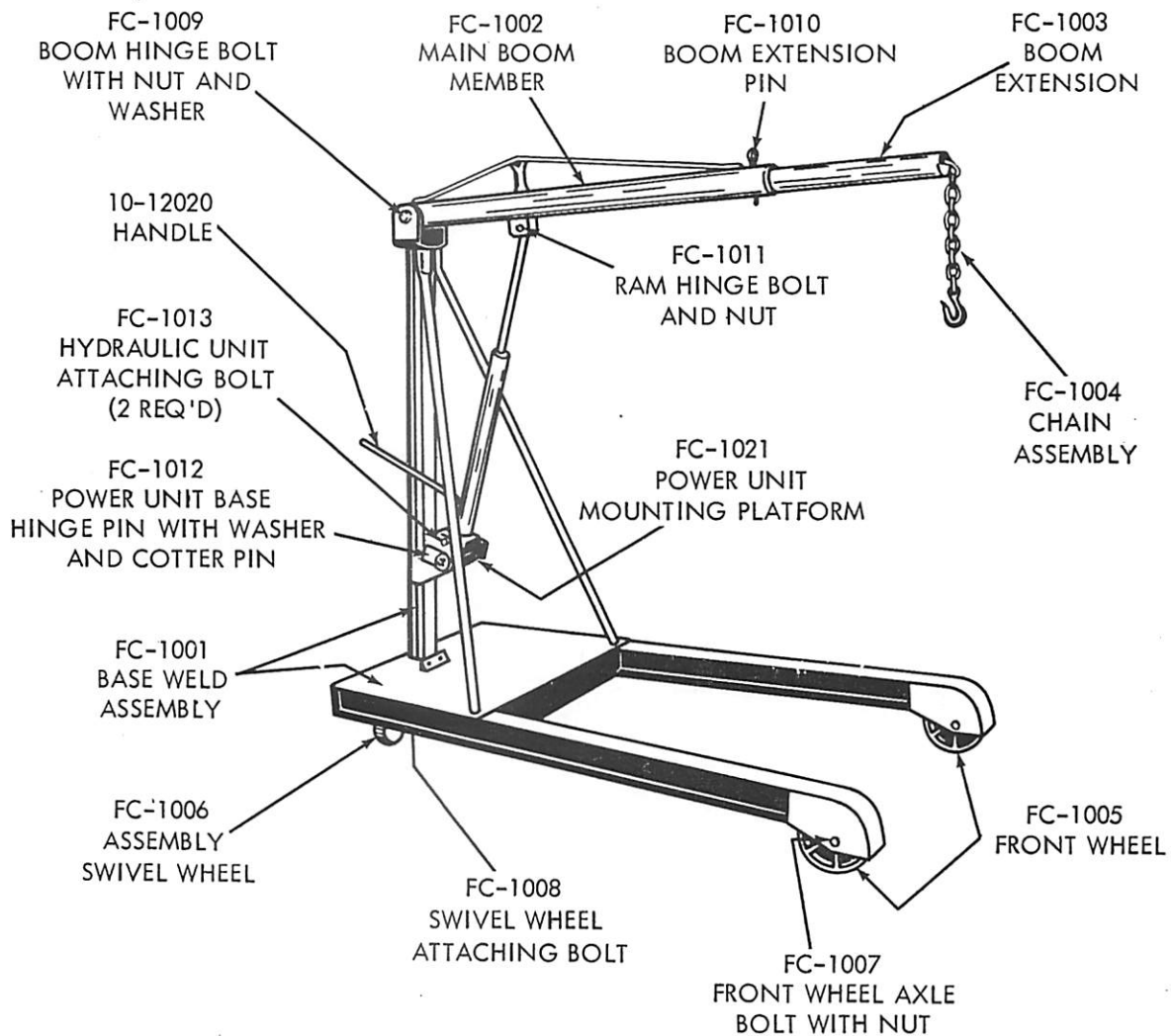


Use Hydraulic Jack
Repair Kit No. 5-530

Replacement Power Unit

Ausco	A19-10347
Dreadnaut	D19-10347
Unpainted	19-10347

BOOM AND BASE ASSEMBLY



WARRANTY

These Cranes are fully guaranteed against defective material and workmanship when submitted or shipped prepaid to the nearest franchised service depot, ninety days from the date of delivery to the user. This warranty does not cover cranes that have been altered or attachments added to them which are not recommended by the manufacturer. The use of hydraulic brake or shock absorber fluid, alcohol, Kerosene or other deleterious fluids voids this warranty as does improper use of cranes through overloading or any other abusive practice or accident.