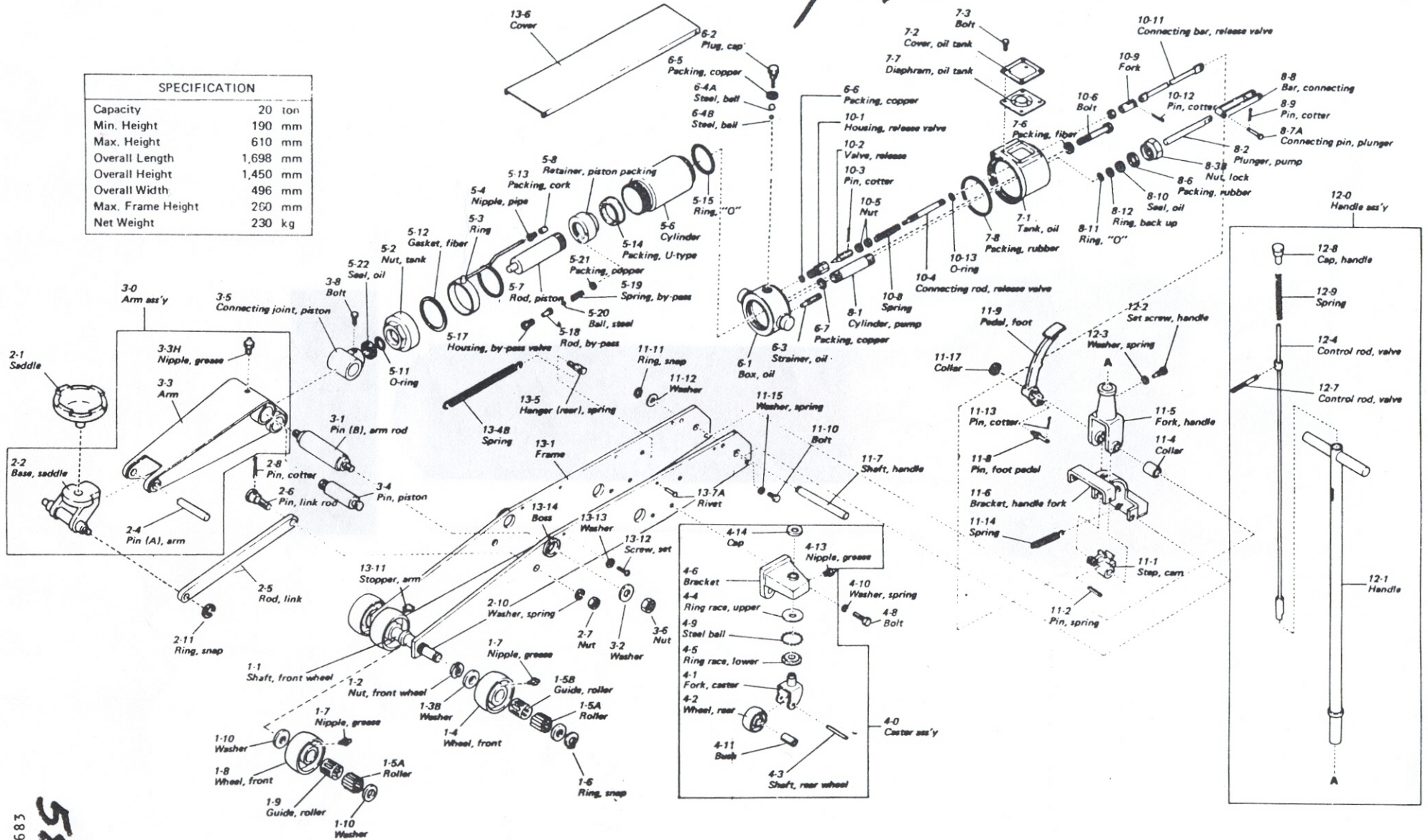


# Hydraulic Garage Jack 20 TON F200 / 970

SPECIFICATION	
Capacity	20 ton
Min. Height	190 mm
Max. Height	610 mm
Overall Length	1,698 mm
Overall Height	1,450 mm
Overall Width	496 mm
Max. Frame Height	260 mm
Net Weight	230 kg



4683

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**STRONGARM**

ARMSTRONG BEVERLEY ENGINEERING LIMITED  
 4001 COTE VERTU, MONTREAL, QUEBEC H4B 1R5, CANADA  
 ARMSTRONG HYDRAULICS INC.  
 P.O. BOX 695, ROUSSES POINT, N.Y. 12979 U.S.A.

# Parts List

970

Ser. No:	Part Name	QTY	Ser. No:	Part Name	QTY	Ser. No:	Part Name	QTY
1-1	Front Wheel Shaft	1	5-3	Ring	1	10-4	Release Valve Connecting Bar	1
1-2	Front Wheel Nut	2	5-4	Pipe Nipple	1	10-5	Nut	3
1-3B	Washer	4	5-6	Cylinder	1	10-6	Bolt	1
1-4	Front Wheel	2	5-7	Piston Rod	1	10-8	Spring	1
1-5A	Roller	20	5-8	Piston Packing Retainer	1	10-9	Fork	1
1-5B	Roller Guide	2	5-11	O-Ring	1	10-11	Release Valve Connecting Bar	1
1-6	Snap Ring	2	5-12	Fiber Gasket	2	10-12	Cotter Pin	1
1-7	Grease Nipple	2	5-13	Cork Packing	1	10-13	O-Ring	1
1-8	Front Wheel	2	5-14	U-Type Packing	1	11-1	Cam Step	1
1-9	Roller Guide	2	5-15	O-Ring		11-2	O-Ring	1
1-10	Washer	4	5-17	By-pass Valve Housing	1	11-4	Collar	1
2-1	Saddle	1	5-18	By-pass Rod	1	11-5	Handle Fork	1
2-5	Link Rod	2	5-19	By-pass Spring	1	11-6	Handle Fork Bracket	1
2-6	Link Rod Pin	2	5-20	Steel Ball	1	11-7	Handle Shaft	1
2-7	Nut	2	5-21	Copper Packing	1	11-8	Foot Pedal Pin	1
2-8	Cotter Pin	2	5-22	Oil Seal	1	11-9	Foot Pedal	4
2-10	Spring Washer	2	6-1	Oil Box	1	11-10	Bolt	1
2-11	Snap Ring	2	6-2	Cap Plug	1	11-11	Snap Pin	1
3-0	Arm Ass'y	1	6-3	Oil Strainer	1	11-12	Spring Washer	1
• 2-2	• Saddle Base (1 pc.)		6-4A	Steel Ball	1	11-13	Cotter Pin	1
• 2-4	• Arm Pin (A)(1 pc.)		6-4B	Steel Ball	1	11-14	Spring	1
• 3-3	• Arm (1 pc.)		6-5	Copper Packing	1	11-15	Washer	4
• 3-3H	• Grease Nipple (1 pc.)		6-6	Copper Packing	1	11-16	Spring Hanger	
3-1	Arm Pin (B)	1	6-7	Copper Packing	1	11-17	Collar	1
3-2	Washer	2	7-1	Oil Tank	1	12-0	Handle Ass'y	1
3-4	Piston Pin	1	7-2	Oil Tank Cover	1	• 12-1	• Handle (1 pc.)	
3-5	Piston Connecting Joint	1	7-3	Bolt	4	• 12-4	• Valve Control Rod(1 pc.)	
3-6	Nut	2	7-6	Fiber Packing	1	• 12-7	• Valve Control Lever (1pc.)	
3-8	Bolt	1	7-7	Oil Tank Diaphragm	1	• 12-8	• Handle Cap(1 pc.)	
4-0	Castor Ass'y	2	7-8	Rubber Packing	1	• 12-9	• Spring (1 pc.)	
• 4-1	• Castor Fork (2 pc.)		8-1	Pump Cylinder	1	12-2	Handle Set Screw	1
• 4-2	• Rear Wheel (2 pc.)		8-2	Pump Plunger	1	12-3	Spring Washer	1
• 4-3	• Rear Wheel Shaft (2 pc.)		8-3B	Lock Nut	1	13-1	Frame	2
• 4-4	• Upper Ring Race (2 pc.)		8-6	Rubber Packing	1	13-4B	Spring	2
• 4-5	• Lower Ring Race (2 pc.)		8-7A	Pin Connecting Plunger	1	13-5	Spring Hanger(Rear)	2
• 4-6	• Bracket (2 pc.)		8-8	Connecting Bar	1	13-6	Cover	1
• 4-9	• Steel Ball (46 pc.)		8-9	Cotter Pin	1	13-7A	Rivet	8
• 4-11	• Bush (4 pc.)		8-10	Oil Seal	1	13-11	Arm Stopper	1
• 4-13	• Grease Nipple (2 pc.)		8-11	O-Ring	1	13-12	Set Screw	4
• 4-14	• Cap (2 pc.)		8-12	Back-up Ring	1	13-13	Washer	4
4-8	Bolt	4	10-1	Release Valve Housing	1	13-14	Boss	2
4-10	Spring Washer	4	10-2	Release Valve	1			
5-2	Tank Nut	1	10-3	Cotter Pin	1			

## SPECIFICATIONS

MODEL	Capacity (ton)	Hydraulic Lift (mm)	Min. Saddle Height (mm)	Max. Saddle Height (mm)	Overall Length (mm)	Overall Height With Handle (mm)	Overall Width (mm)	Max. Frame Height (mm)	Net Weight (kg)
970	20 (44,000 lds.)	420 (16-1/2")	190 (7 1/2")	610 (24")	1,698 (66-7/8")	1,450 (57")	496 (19-1/2")	260 (19-1/2")	230 (505 lbs.)