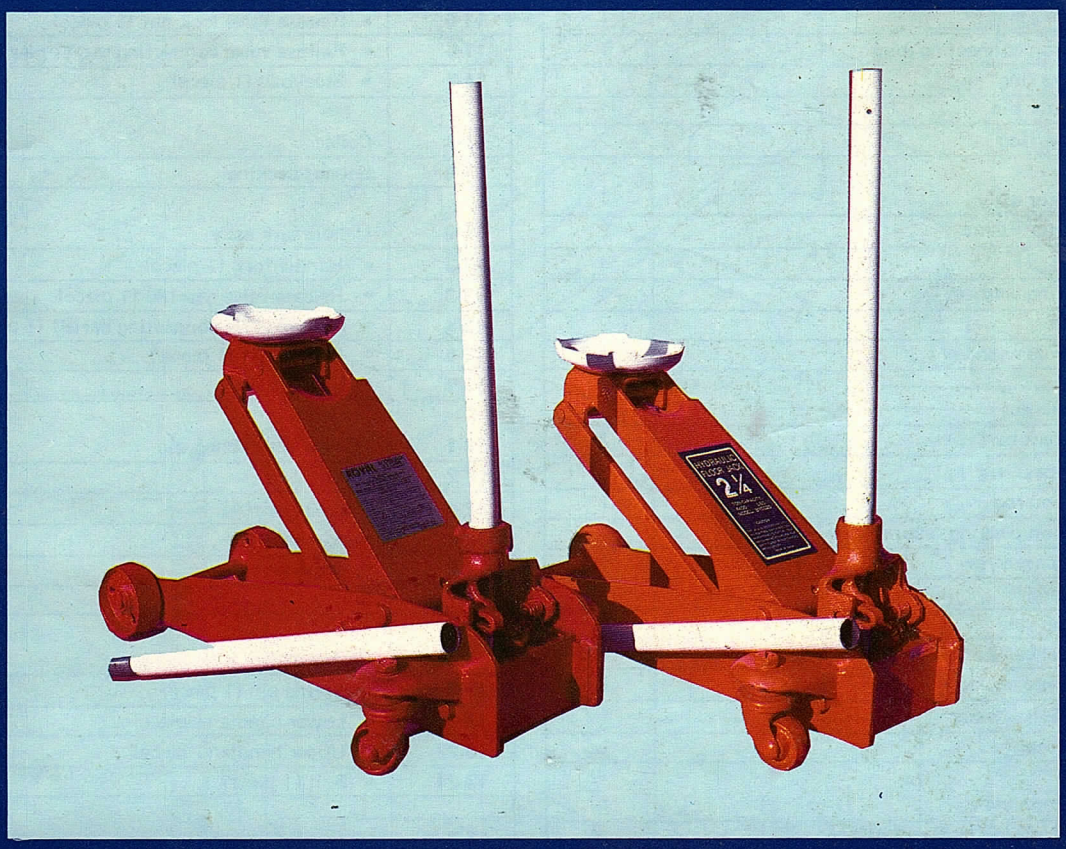
Hydraulic Garage Jack

Precision crafted and designed to provide dependable service and satisfaction

- ▷ Heavy duty construction with heavy guage steel frame and lifting arm
- ▷ Swivel rear casters for easy maneuvering
- ▷ Wide ribbed swivel saddie for secure and stable load support
- ▷ Durable baked enamel paint finish
- ▷ By-pass safety valve to prevent loading beyond rated capacity
- ▷ Tested to 115% of rated capacity



SPECIFICATIONS

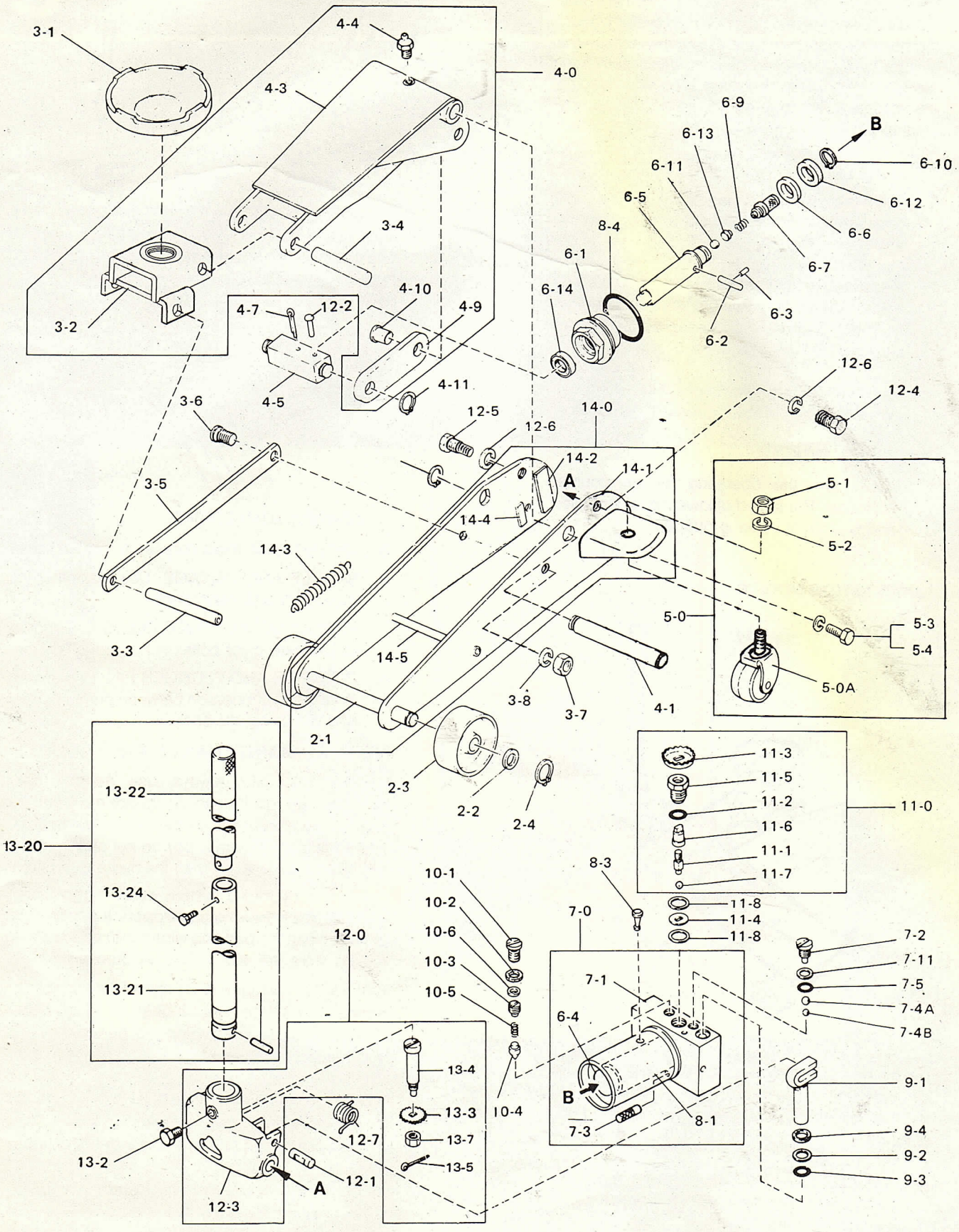
Model	Capacity Short ton (lbs)	Min Saddle Height mm (inch)	Max Saddle Height mm (inch)	Power Lift mm (inch)	Overall Width At Castors mm (inch)	Overall Length mm (inch)	Height mm (inch)	Front Castor mm (inch)	Rear Castor mm (inch)	Front Axle Dia mm (inch)	Saddle Dia mm (inch)	Net Weight Kg (lbs)	Packing Size L×W×H mm³ (Cubic inch)
BYD200	2 1/4 (4400)	140 (5 1/2")	490 (19 5/16")	345 (13 5/8")	365 (14 5/9")	650 (25 9/16")	180 (7 1/16")	∅ 100 (3 15/16")	∅ 60 (2 3/8")	∅ 22 (7/8")	∅ 165 (6 1/2")	40 (89)	710×370×220 (27 15/16"×14 9/16"×8 11/16")
BYD250	2 3/4 (5500)	135 (5 1/3")	490 (19 5/16")	345 (13 5/8")	365 (14 5/9")	684 (26 15/16")	180 (7 1/16")	∅ 100 (3 15/16")	∅ 60 (2 3/8")	∅ 22 (7/8")	∅ 165 (6 1/2")	44 (97)	740×370×220 (29 1/8"×14 9/16"×8 11/16")

PARTS LIST

Parts No.	Parts Name	Q'ty/set
2-2	Washer	2
2-3	Front wheel	2
2-4	Snap ring	2
3-1	Saddle	1
3-3	Link rod pin(A)	1
3-5	Link rod	2
3-6	Link pin (B)	2
3-7	Nut	2
3-8	Spring washer	2
4-0	Arm ass'y	1
3-2	• Saddle base (1 piece)	
3-4	• Arm pin (A) (1 piece)	
4-3	• Arm (1 piece)	
4-4	• Grease nipple (1 piece)	
4-9	• Link (2 pieces)	
4-10	• Pin (2 pieces)	
4-1	Arm pin	1
4-5	Piston connecting joint	1
4-6	Snap ring	1
4-7	Cotter pin	1
4-11	Snap ring	2
5-0	Castor ass'y	2
5-0 A	Castor Frame	1
5-1	Nut	4
5-2	Spring washer	2
5-3	Bolt	2
5-4	Spring washer	1
6-1	Tank nut	1
6-2	By-pass bar	1
6-3	By-pass rod	1
6-5	Piston rod	1
6-6	Piston packing retainer	1
6-7	By-pass screw	1
6-9	Spring	1
6-10	Snap ring	1
6-11	Steel ball	1
6-12	U-type packing	1
6-13	Spring retainer	1
6-14	Oil seal	1
7-0	Oil box ass'y	1
6-4	• Cylinder (1 piece)	
7-1	• Oil box (1 pieces)	
7-3	• Oil strainer (1 piece)	
8-1	• Oil tank (1 piece)	
7-2	Bolt	1
7-4A	Steel ball	1
7-4B	Steel ball	1
7-5	O-ring	1
7-11	Back-up ring	1

Parts No.	Parts Name	Q'ty/set
8-3	Air vent plug	1
8-4	O-ring	1
9-1	Pump plunger	1
9-2	Back-up ring	1
9-3	O-ring	1
9-4	Oil seal	1
10-1	Safety valve cap plug	1
10-2	Rubber packing	1
10-3	Retainer	1
10-4	Safety valve	1
10-5	Spring	1
10-6	Packing	1
11-0	Release valve ass'y	1
11-1	• Release valve (1 piece)	
11-2	• O-ring (1 piece)	
11-3	• Release valve gear(B) (1 piece)	
11-5	• Release valve lock nut (1 piece)	
11-6	• Release valve connecting rod (1 piece)	
11-7	• Steel ball (1 piece)	
11-4	Collar	1
11-8	Copper packing	2
12-0	Handle fork ass'y	1
12-3	• Handle fork (1 piece)	
13-3	• Release valve gear (A) (1 piece)	
13-4	• Release valve connecting bar(B) (1 piece)	
13-5	• Cotter pin (1 piece)	
13-7	• Nut (1 piece)	
12-1	Plunger connecting pin	1
12-2	Rivet	1
12-4	Handle shaft(A)	1
12-5	Handle shaft(B)	1
12-6	Spring washer	2
12-7	Spring	1
13-20	Handle ass'y	1
13-6	• Spring pin (1 piece)	
13-21	• Lower handle (1 piece)	
13-22	• Upper handle (1 piece)	
13-24	• Bolt (1 piece)	
13-2	Handle set screw	1
14-0	Frame ass'y	1
2-1	• Front wheel shaft (1 piece)	
14-1	• Frame (2 pieces)	
14-2	• Oil box stopper(A) (2 pieces)	
14-4	• Oil box stopper(B) (1 piece)	
14-5	• Stopper (1 piece)	
14-3	Spring	1

The above parts subject to change without notice.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A
12-3

OPERATING INSTRUCTIONS

IMPORTANT: Sometimes during shipment and handling, air gets into the hydraulic system, causing poor lifting performance. Purge any air from the system by fully opening Release Valve (turn handle counterclockwise as shown), then, while holding the saddle down, operate pump handle rapidly several times.

TO RAISE JACK

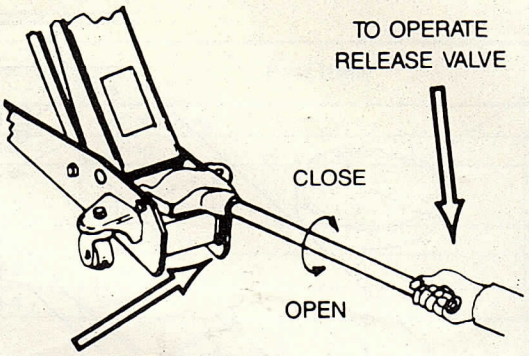
1. Turn the operating handle clockwise until release valve closes. Do not over tighten the valve.

2. Place jack directly under object to be lifted so that saddle takes up weight firmly and centrally. Check positioning under slight load to make sure jack will not slip when in use.

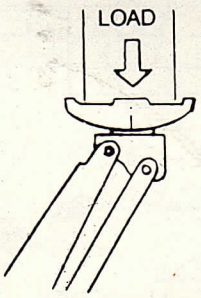
3. Raise jack to required height. After lifting use jack stand to hold load for any length of time.

TO LOWER JACK

Slowly turn the operating handle counter clockwise. The speed of lowering is controlled by the amount valve is opened.

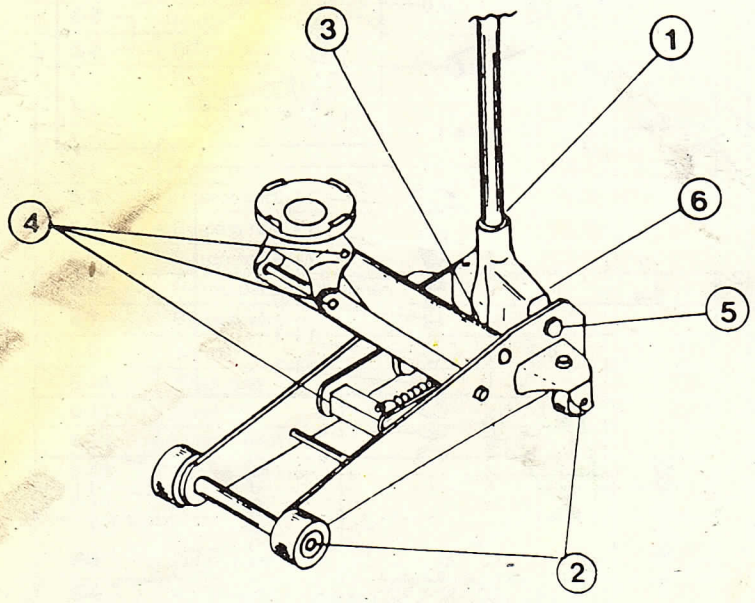


TO OPERATE
JACK INSERT HANDLE
END INTO HANDLE SOCKET AND
PUMP JACK HANDLE TO
RAISE LOAD



CORRECT LOAD CONTACT

LUBRICATION POINTS



Before operating the jack lubricate the points indicated in the diagram. Use lubricants as indicated by the following numbers as marked on the diagram.

1. HANDLE. Use light oil on moving parts and lightly grease handle at point it fits into the handle socket.

2. WHEELS. Use light oil on axles and caster bearings.

3. LIFTING ARM. Inject grease into grease fitting.

4. SADDLE AND LINKAGE. Use light oil on all moving and pivoting parts.

5. HANDLE SOCKET PIVOT BOLTS. Use light oil to lubricate pivot bolts.

6. PLUNGER AND PLUNGER PIN. Use grease to lubricate connection between pump plunger and pin in handle socket.

NORMAL MAINTENANCE PROCEDURES

HYDRAULIC OIL. Always use good quality hydraulic jack oil. If possible do not mix the type of oil. At no time use any other type of oil or fluid. When filling with hydraulic oil do not permit dirt or any other substance to enter the hydraulic system.

Check the hydraulic system every 4 months to make sure it is free from corrosion. If corrosion is present clean the part and wipe it with an oily cloth. Always store the jack in fully lowered position.

CAUTION: This jack is designed for lifting purposes only. It must not be used as a jack stand to hold load for any prolonged period.

- After jacking always use safety stands to support load.
- Always use jack on level solid ground. Do not use jack on slope or angle.
- Do not attempt to move jack when it is under load.
- Do not adjust safety valve. Return jack to service agent for any adjustments.
- Do not make alterations of any kind to design or structure of jack.
- Do not overload the jack beyond its rated capacity.