

BLACK PAW®

BLACK PAW MANUAL CHAIN HOIST-OPERATION INSTRUCTION

OPERATION INSTRUCTION

Before lifting, conduct a meticulous inspection of the hooks, load chain, brake device, and ensure proper lubrication of the block before initiating operation.

For safe operation, please be guided by the following:

1. Do not exceed the rated capacity of the chain block when lifting loads.
2. Refrain from raising a load excessively high.
3. Do not use if the chain is compromised.
4. Do not pass under a suspended load.
5. In the event that the hand chain becomes unresponsive, refrain from forcefully pulling or applying excessive force. Cease operation immediately and conduct a thorough inspection of the chain block.
6. Avoid letting the load get caught on any obstructions.

MAINTENANCE

1. After operation, clean the chain block to remove dirt and store it in a dry place to prevent rust and corrosion.
2. Annually clean the chain block by purging the parts in kerosene and apply grease. Skilled hands are recommended for cleaning.
3. Ensure that the "O" marks on the two disk gears are aligned.
4. Attach the rollers of both the left and right bearings to the inner race of the chain sprocket shaft journal's bearings, then place them into the outer race on the side plates.
5. When assembling the brake mechanism, pay attention to the mesh slanting teeth of the ratchet disc and the pawl. Ensure that the pawl is sensitive and reliable. Turn the hand wheel clockwise after screwing it into the driving shaft; it should press the disc and plates on the brake seat. Turning it counterclockwise should create clearance between the disc and plates.
6. The stay and the right side plate are in transition fit. Be cautious not to dismantle them.
7. After cleaning and repairing, subject the chain block to non-load and heavy load tests. If it operates normally, put it into use.
8. Keep the brake's friction surfaces clean while lubricating or operating the chain block. Frequently inspect the brake mechanism to prevent faulty braking or load falls.
9. For ease of maintenance and dismantling, one link of the hand chain is open, painted in one color, and not welded.

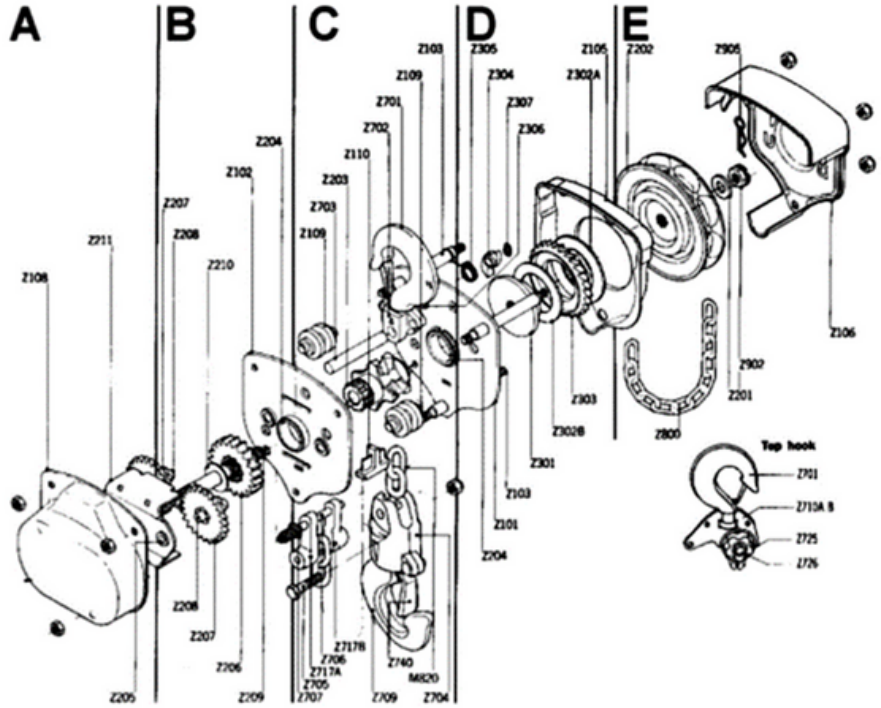
WARRANTY

The manufacturer guarantees that the product is free from defects or malfunctions for a period of one year from the date of purchase. During this warranty period, repairs and replacements for quality-related defects are covered.



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BLACK PAW MANUAL CHAIN HOIST - PARTS LIST



Part No.		Qty	Description
A	Z108	1	Gear Cover
	Z205	4	Gear Bushing
	Z211	1	Support Plate
B	Z102	1	Side Panel (II)
	Z204	1	Bearing/Bush (Optional)
	Z206	1	1st Gear
	Z207	2	2nd Gear
	Z208	2	3rd Gear
	Z209	1	Pinion Shaft
	Z210	1	Pinion Washer
C	Z109	2	Load Chain Guide
	Z110	1	Chain Stripper
	Z203	1	Load Sheave
	Z701 702	1	Top Hook
	Z709 704	1	Bottom Hook (VH)
	Z701 704	1	Bottom Hook (VL)
	Z740	1	Safety Lock
	Z703	1	Hook Pin
	Z705	1	Bolt And Nut For Load Chain
	Z706	1	End Pin
	Z717A B	1	End Anchor
	Z707	1	End Sping
	M820	1	Load Chain (VL)
	H820	1	Load Chain (VH)

Part No.		Qty	Description
D	Z101	1	Side Plate (I)
	Z103	3	Stay Bolt
	Z105	1	Brake Cover
	Z204	1	Bearing
	Z301	1	Hub
	Z302A	1	Brake Disc A
	Z302B	1	Brake Disc A
	Z303	1	Ratchet Gear
	Z304	1	Pawl
	Z305	1	Spring
	Z306	1	Pawl Stud
E	Z106	1	Wheel Cover
	Z201	1	Hand Wheel Washer
	Z202	1	Hand Wheel
	Z800	1	Hand Chain
	Z902	1	Pinion Nut
	Z905	1	Cotter Pin
F	Z701	1	Top Hook
	Z710A B	2	Top Frame
	Z709	1	Bottom Hook
	Z718		C-Link
	Z719	2	O-Link
	Z713	1	Thrust Washer
	Z721 (L)	1	Bottom Frame
	Z721 (H)	2	Bottom Frame
	Z725	2	Sheave
	Z726		Axle