

JOHNSON J-LATCH

Johnson's exclusive J-Latch is a uniquely engineered hook latch system providing outstanding flexibility and durability. Its heavy-duty design incorporates a steel beam that positively engages a special recessed area in the hook tip. The removable two-position pin allows the J-Latch to function either as a locked bar or as an automatic spring latch. The J-Latch meets OSHA requirements and is standard equipment on Johnson crane blocks through 165 tons, all Johnson overhaul balls and all swivels with hooks. The J-Latch is offered as an option on Johnson snatch blocks.

All Johnson block hooks with a J-Latch notch must be fitted with only a J-Latch to ensure proper fit. Inability to properly pin



the Johnson J-Latch into its locked position could indicate distortion or permanent deformation in the hook opening. If this condition should occur remove the hook from service immediately and contact the factory.

STANDARD HOOKS	A 5 TON	A 7 TON	A 15 TON	A 22 TON	A 30 TON	40 TON	55-70 TON	80-100TON	130-165 TON
LATCH KIT PART NO.	471782	471783	471784	471785	471786	471787	471788	471789	471790

NON J-LATCH KITS

The spring latch and Crosby G-5066 Flapper latch (at right) are available for non J-Latch hooks. Latch selection should be made only after careful consideration of the hook rigging arrangement and reading of the **HOOK LATCH CAUTION**. Consult the following tables to determine hook configuration, latch selection, and kit number.



Spring Latch



Crosby G-5066 Flapper Latch

SPRING HOOK LATCH KITS

JOHNSON BLOCKS LATCH KIT PART NO.	5626	5622	5919	5503	6007	5533	5551	6432
PRODUCT FOR WHICH LATCH IS NEEDED	PRODUCT IDENTIFICATION: MODEL NUMBER, HOOK MARKINGS, OR RATED CAPACITIES							
SWIVEL HOOK MODELS BOTTOM SWIVEL OVERHAUL BALLS	3EH, 3EHM 3JH, 2JHM	5EH 5JH		9EH, 9HJ+ 12EH, 12JH		15EH 15JH	20EH 25EH, 30EH	
TOP SWIVEL OVERHAUL BALLS (W / EYE HOOK)	SWIVEL MODEL 3EJM OR 3JJM 4EE OR 4EJ "W.L.L. 3" "C" EYE HOOK	SWIVEL MODEL 7EE OR 7EJ "W.L.L. 5T" "C" EYE HOOK		SWIVEL MODEL 12 EE OR 12EJ "W.L.L. 10T" "C" EYE HOOK		SWIVEL MODEL 19EE OR 19EJ "W.L.L. 15T" "C" EYE HOOK	SWIVEL MODEL 25EE "W.L.L. 20T" "C" EYE HOOK	SWIVEL MODEL 30EE "W.L.L. 25T" "C" EYE HOOK
MIDGET OVERHAUL BALLS (W / EYE HOOK)	"W.L.L. 3T" EYE HOOK	5 TONS W.L.L. EYE HOOK						
SHORTY "J" CRANE BLOCKS (W / W.L.L. RATINGS)	3 TONS W.L.L.	5 TONS W.L.L.		10-15 TONS W.L.L.		20-25 TONS W.L.L. 3 OR MORE S.H.V.S.	20-25 TONS 1 & 2 S.H.V.S. 30 TONS W.L.L.	
TYPE "H" CONSTRUCTION BLOCKS (W.L.L.) RATINGS ROLLER BRG. HOOKS	4 TONS W.L.L.	6 TONS W.L.L.		9-15 TONS W.L.L.		19 TONS W.L.L.	25-30 TONS W.L.L.	
SNATCH BLOCKS (SINGLE SHEAVE MODELS)	3 TONS W.L.L.	8 TONS W.L.L.	2 TONS W.L.L.		12 TONS W.L.L.	22 TONS W.L.L.	30 TONS W.L.L.	
SNATCH BLOCKS (DOUBLE SHEAVE MODELS)		8 TONS		15 TONS W.L.L.	12 TONS W.L.L.	22 TONS W.L.L.		
PIPELINE BLOCKS (ALL MODELS).				12-15 TONS W.L.L.		22 TONS W.L.L.		


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+Prior to Block Serial No. B-37603 use P/N 5533 Latch

➤ Following instructions on anti-loosening provisions of nuts and set- screws.

(1) Consult factory for hook nut thread locking product. During any vibration or shock load application, Johnson Blocks recommends a block, hook or ball substantially stronger than the "dead weight" load to allow for actual shock load values. Allowance for shock load is the responsibility of the user.

HEAVY DUTY STEEL J-LATCH REPLACEMENT KIT

CRANE BLOCK WORKING LOAD LIMIT (TONS)	PART NUMBER	J-LATCH KIT NUMBER	WEIGHT (LBS.)	LIST PRICE	HOOK PART NUMBERS	
3-5	471782	JL3-5	0.2		2590 / 10390 / 10153	
10-15	471784	JL10-15	0.3		2217 / 10392	
30	471786	JL30	0.6		2635	
35-45	471787	JL35-45	0.8		2633	
50-70	471788	JL50-70	1.7		2636 / 2637	
75-110	471789	JL75-110	3.1		2638 / 2639	
115-165	471790	JL115-165	15		2600 / 2630	
200-300	474206	JL200-300	35		1096 / 4012 / 11363	

NOTE:-J-Latches fit only Johnson hooks with a lock pin hole drilled through hook tip. For old style latch replacement, see below.

CRANE BLOCK J-LATCH KITS & PARTS

J LATCH CASTING NUMBERS				RINGS	SPRING	G-PIN	QR-PIN
MODEL	STEEL	KIT	INSTALL				
JL-3-5 LENGTH 1.938 WIDTH 1.00	10364	471782	471831	44178	2721	44177	2727
JL-7 LENGTH 2.50 WIDTH 1.187	10420	471783	471832	44176	2721	44175	2727
JL 10-15 LENGTH 3.10 WIDTH 1.187	10426	471784	471833	2734	2722	2641	2728
JL-20-25 LENGTH 4.25 WIDTH 1.50	10427	471785	471834	2735	2723	2642	2729
JL-30 LENGTH 5.50 WIDTH 1.67	10365	471786	471835	2736	2724	2643	2730
JL-40 LENGTH 5.54 WIDTH 2.93	10366	471787	471836	2735	2725	2644	2731
JL55-70 LENGTH 6.50 WIDTH 4.35	10367	471788	471837	2736	2726	2645	2732
JL-75-110 LENGTH 7.88 WIDTH 4.38	10368	471789	471838	10126	10124	10127	10125
JL-115-165 LENGTH 9.125 WIDTH 4.38	10369	471790	471839	10126	10124	10127	10125
JL 200-300 LENGTH 16.85 WIDTH 8.50	11476	474206	473697	11480	11478	11477	11479

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J-Latches meet OSHA requirements and are standard equipment on Johnson crane blocks through 165 ton capacity, all Johnson overhaul balls, and swivels. The J-Latch is also installed on Johnson snatch blocks.

NOTE: Correct rigging and operation practices are vitally important and are the responsibility of the user to properly apply. The latch is not intended to support any live load nor overcome effects of improper rigging or handling.

