

2017



# **SELBY BED HARDWARE**

## **X-22400 INSTRUCTIONS**



**Selby Furniture Hardware Company**

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# SELBY Lift Mechanisms for Platform Beds

Selby Furniture Hardware Company offers the custom cabinet and furniture maker a simple, trouble free solution for access to more space for their clients.

The bed maker may choose from one of Selby's 3 sizes, in 7 different weight ranges of access mechanisms. The bed platform may be installed to open from either an end or the side of the bed.

**Children must not operate this mechanism without adult supervision.**

Our platform storage mechanism may be installed on a 5" bed rail or in a box pedestal for maximum space and security. Our Platform lift mechanism is intended for installation in an existing base or pedestal. A plan to build a pedestal can be found on page 2.

## To install the mechanism

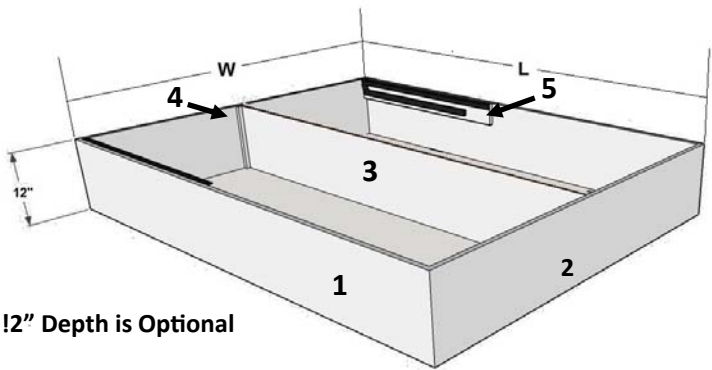
1. Cut an Optional\* 5" hardwood lumber cleat to the same length as the 2 pedestal walls that will receive the mechanism. This length may be either the side walls or the head and foot walls providing that the wall is long enough for the mechanism.
2. Place the mechanism on the 5" wide cleat with the top of the angle iron flush with the top of the cleat and not closer to either end of the cleat than 1/8".
3. Position the mechanism so that the top angle iron and the bottom bar are not parallel. See illustration
4. Mark the position of the four mounting holes in the bottom bar of the mechanism on the cleat .
5. Remove the mechanism from the cleat and drill four 25/64" holes to fit 5/16" mounting screws and Tee Nuts
6. Assemble the right and left mechanisms to the right and left cleat and tighten the mounting screws.
7. Position the cleat against the inside of the pedestal wall so that the top edge of the cleat and the side wall are flush. Glue and screw into place. Fasteners will not be visible on the outside of the pedestal.
8. Place and center your platform on the pedestal. Carefully lift the top and mechanism arms and mark hole locations. Fasten top to mechanism and perform an open and close cycle to insure that there is no interference.
9. The platform will move laterally as it lifts, for easy access.

\* *Optional cleat permits mechanism attachment with no visible fasteners on the exterior of the pedestal*

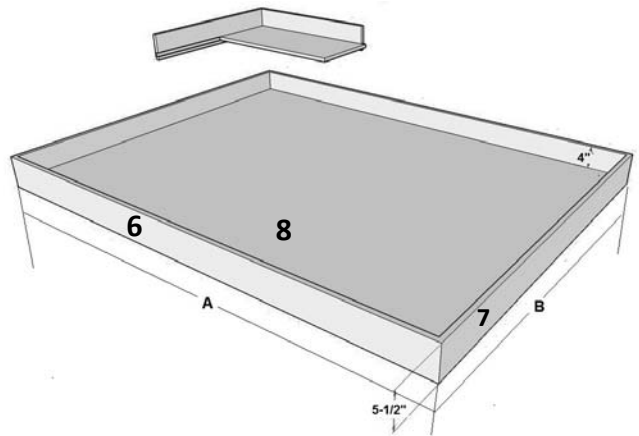
Top of Mechanism and Top of Cleat are Flush



# Build a Pedestal and Platform for Storage Bed



!2" Depth is Optional



**Cut List for Pedestal and Platform Parts.**

#	Description	Quant.	Material	Twin	Full	Queen	King
1	Pedestal Sides	2	3/4" Plywood	75" X 12"	75" X 12"	80" X 12"	80" X 12"
2	Pedestal Head & Foot	2	3/4" Plywood	36-1/2" X 12"	52-1/2" X 12"	58 1/2 X 12"	74 1/2" X 12"
3	Center Support	1	3/4" Plywood	73-1/2"X 12"	73-1/2" X 12"	78-1/2" X 12"	78-1/2" X 12"
4	Support Glue Blocks	4	3/4" Lumber	1" X 12"	1" X 12"	1" X 12"	1" X 12"
5	Optional Mount Cleats*	2	3/4" Lumber	5" X 36"+	5" X 48"+	5" X 60"+	5" X 60"+
6	Platform Frame Side	2	3/4" Lumber	5" X 77-1/2"	5" X 77-1/2"	5" X 82-1/2"	5" X 82-1/2"
7	Platform Head & Foot	2	3/4" Lumber	5" X 39"	5" X 55"	5" X 61"	5" X 77"
8	Platform	1	3/4" Plywood	39-3/4"X76-3/4"		61-3/4" X 81-3/8"	77-3/4" X 81- 3/8"
8	Platform	2	3/4" Plywood		27-7/8"X76-3/8"		

\*Mechanisms may be fastened with 5/16" -18 NC bolts and nuts directly through the pedestal to omit the need for cleats

Estimated weights of platform components. Choose one frame and one platform and add to mattress weight to determine proper mechanism capacity.

Mattress Size	Soft Wood Bed Frame	Hard Wood Bed Frame	Softwood Plywood Platform bottom	Hardwood Plywood Platform Bottom
Twin	24	36	58	66
Twin XL	25	37	60	69
Full	27	40.5	78	89.5
Full XL	28.5	42	84	96
Queen	29.7	44	92	105.5
King	33	49	117.5	134
Cal King	33	49	117.5	134

This chart is based on published weights for fir & oak lumber and fir & Baltic birch plywood



## Bed Lift Mechanism X-22400 Type

Item	Description	Length	Weight
X-22400S	Platform Bed Lift Mechanism	48"	210#
X-2240140	Platform Bed Lift Mechanism	36"	88#
X-2240150	Platform Bed Lift Mechanism	36"	110#
X-22401S	Platform Bed Lift Mechanism	36"	165#
Special Order	Platform Bed Lift Mechanism	48"	220#
X-22402S	Platform Bed Lift Mechanism	60"	231#
Special Order	Platform Bed Lift Mechanism	60+	264#

## Mattress Size Chart

Mattress	Nominal Size
Twin	38" X 75"
Twin XL	38" X 80"
Full	54" X 75"
Full XL	54" X 80"
Queen	60" X 80"
King	76" X 80"
Cal. King	72" X 84"

## Replacement Gas Struts for Bed Lifts

Order Number	Capacity
QX2240040KG	88#
QX2240050KG	110#
QX22401SPRING	165#
QX22400SPRING	209#
QX22402SPRING	220#
QX22400105KG	231#
QX22401120KG	264#