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# INSTALLATION INSTRUCTIONS

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## LATERAL SHIFT BRACKET

LSB-100 

Unpack carton and check contents:

- |     |                         |     |                             |
|-----|-------------------------|-----|-----------------------------|
| (1) | LSB-100 bracket (left)  | (4) | 10-24 Thumb Nuts            |
| (1) | LSB-100 bracket (right) | (4) | 10-24 x 5/8" Carriage Bolts |

Optional Security Package containing:

- |     |                                       |     |                            |
|-----|---------------------------------------|-----|----------------------------|
| (4) | 10-24 x 3/8" Flathead Security Screws | (4) | Lateral Shift Security Nut |
| (4) | 5/16" Security Set Screws             | (1) | 5/32" Security Hex Key     |

**WARNING: IMPROPER INSTALLATION MAY RESULT IN SERIOUS PERSONAL INJURY!** All components must be securely fastened to a structural member capable of supporting five times the combined weight of all components plus the equipment being mounted. If it cannot support this weight, the structure **MUST** be reinforced. The maximum weight to be installed on the LSB-100 is 50 pounds (22.68 Kg).

### Installation Instructions

Adding lateral shift to an RPA (See Figure 1):

1. Make sure the 10-24 thumbnuts of your SLB are loosely installed on the SLB.
2. Install the two lateral shift brackets (LSB) on your SLB and secure thumbnuts.
3. Install four 10-24 x 5/8" Carriage Bolts and 10-24 thumbnuts on the LSB.
4. Using a suitable tool, securely tighten the four 10-24 thumbnuts attaching the RPA to the LSB.
5. Install the RPA on the LSB.

Adding lateral shift to a lift mechanism (See Figure 2):

1. Using four 10-24 x 5/8" Carriage Bolts and 10-24 thumb nuts, install the LSB in the lift mechanism and use a suitable tool to securely tighten thumb nuts.
2. Install the mounting bracket on the LSB.

Adding security to the lateral shift (See Figure 3):

1. Replace four thumbnuts and carriage bolts securing RPA to SLB with four security screws and lateral shift security nuts.
2. Secure thumbnuts attached to RPA using security set screws as shown in Figure 3.

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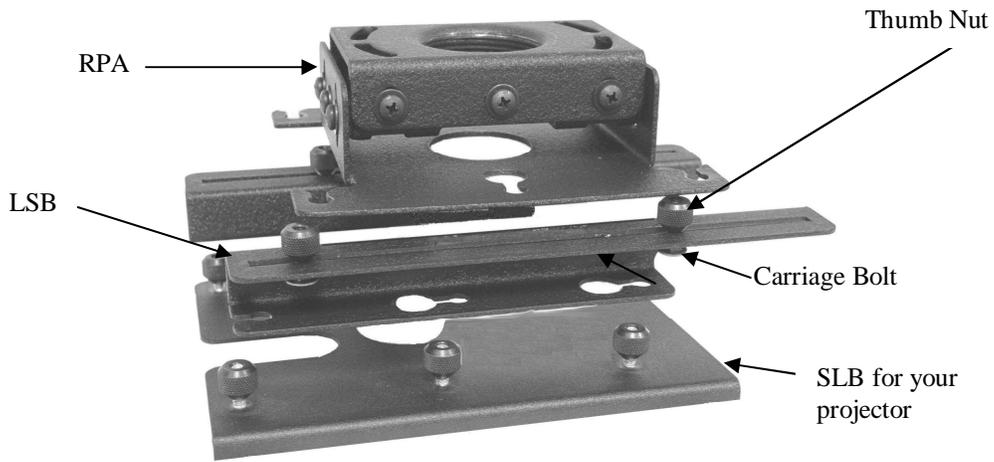


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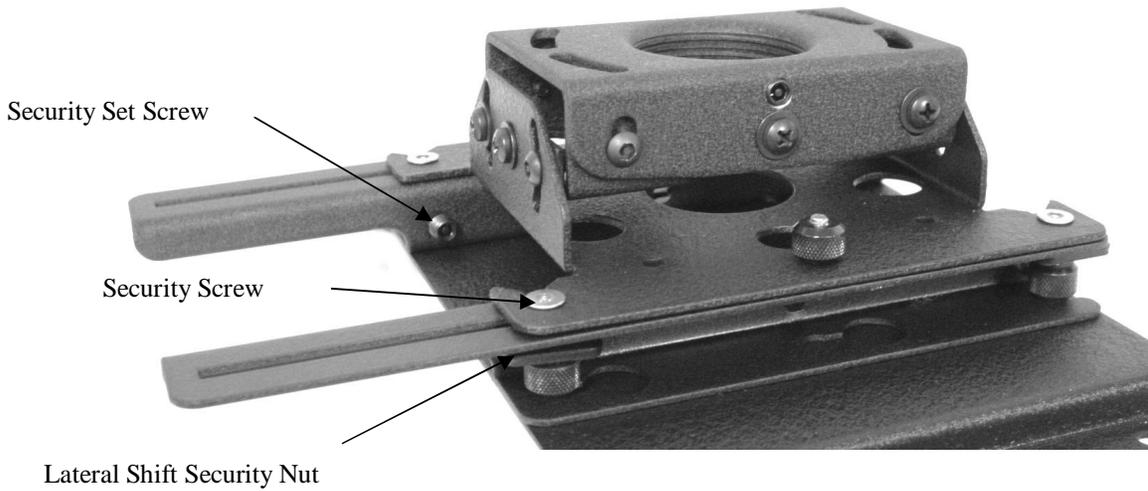
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**FIGURE 1**



**FIGURE 2**



**FIGURE 3**